

FOR  
**METHODS OF USING DATABASES TO CREATE GENE-EXPRESSION  
MICROARRAYS, MICROARRAYS CREATED THEREBY, AND USES  
OF THE MICROARRAYS**

BY  
ALICIA BERTONE  
WEISONG GU



**METHODS OF USING DATABASES TO CREATE GENE-EXPRESSION  
MICROARRAYS, MICROARRAYS CREATED THEREBY, AND USES  
OF THE MICROARRAYS**

[001] This application claims priority to U.S. Provisional Application No. 60/535,111 filed January 8, 2004, the entire disclosure of which is incorporated herein by reference.

**SEQUENCE LISTING**

[002] The instant application contains a "lengthy" Sequence Listing which has been submitted via CD-R in lieu of a printed paper copy, and is hereby incorporated by reference in its entirety. Said CD-R, recorded on April 1, 2005, are labeled "CRF," "Copy 1," "Copy 2," and "Copy 3," respectively, and each contains only one identical 4.07 MB file (18525413.APP).

**DESCRIPTION OF THE INVENTION**

**Field of the Invention**

[003] The present invention is directed to methods of preparing biological databases, and databases prepared according to those methods. In some embodiments, the methods can be performed entirely using computer resources, relying solely on publicly available biological sequence information. The methods of the invention can be used to generate species-specific nucleic acid microarrays.

**Background of the Invention**

[004] DNA microarrays are small, solid supports containing thousands of different gene sequences that are immobilized or attached at fixed locations. (Ekins R and Chu FW, "Microarrays: their origins and applications," *Trends*

*Biotechnol* 17:217-218 (1999); Lobenhofer EK, Bushel PR, Afshari CA, and Hamadeh HK, "Progress in the Application of DNA Microarrays," *Environ Health Perspect* 109(9):881-891 (2001).) This technology has revolutionized the basic approach to research since its invention. Unlike the traditional methods in molecular biology for one gene in one experiment, hundreds to thousands of genes can be analyzed simultaneously under identical conditions to various biological models, including disease, therapy, or experimental manipulation. Microarrays provide unprecedented opportunities for both qualitative and quantitative analysis in gene expression, gene identification and gene alteration detection, such as polymorphisms. (Galamb O, Molnar B, and Tulassay Z, "DNA chips for gene expression analysis and their application in diagnostics," *Orv Hetil* 144:21-27 (2003)). The use of larger scale expression profiling permits the classification of genes by biological function, the contribution of patients' disease patterns directly to research, as well as the discovery of genes of unknown function by association with disease. The expression profiles can be diagnostic, prognostic, as well as disease monitoring. (Bubendorf L, "High-throughput microarray technologies: from genomics to clinics," *Eur. Urol* 40:231-238 (2001); Crowther DJ, "Applications of microarrays in the pharmaceutical industry," *Curr. Opin. Pharmacol* 2:551-554 (2002).)

[005] Mammalian commercial DNA microarrays currently exist for human, mouse, cattle, dogs, and rat, but not for the horse or other domestic animals.

[006] There are currently two dominant DNA microarray technologies: spotted microarrays on glass slides, which were first developed at Stanford

University (Schena M, Shalon D, Davis RW, and Brown PO, "Quantitative monitoring of gene expression patterns with a complementary DNA microarray," *Science* 270:467-470 (1995)), and *in situ* synthesized oligonucleotide microarrays produced by Affymetrix Inc. Spotted microarrays contain probes that are complementary DNA (cDNA), polymerase chain reaction products or oligonucleotides. Probes are physically deposited on a chemically modified glass slide. Two purified mRNA samples are separately reverse transcribed using two different fluoroprobes and the resulting dye-labeled cDNA populations are used to hybridize on the array under competitive conditions. After hybridization, the array is analyzed with a two-channel fluorescence scanner and the ratio of the two fluorophores can be determined which is later used to reflect the gene expression level of target genes. (Burgess JK, "Gene expression studies using microarrays," *Clin Exp Pharmacol Physiol* 28(4):321-328 (2001).) One of the major advantages of cDNA spotted microarrays is that the genetic information need not be known before putting it on the array. Yet if the genetic information is available, oligonucleotides can be specifically designed to uniquely hybridize the target gene.

[007] Here, we describe a unique computer-based approach for the data mining and sequence selection for the equine gene expression microarray from the GenBank database using a series of Java application programs.

### **SUMMARY OF THE INVENTION**

[008] The present invention is advantageous in providing a new method for obtaining a species-specific collection of nucleic acid sequences from publicly available databases. In particular, the present invention provides: methods of

preparing a species-specific nucleic acid database comprising: selecting from a species-non-specific nucleic acid database species-specific nucleic acids comprising coding sequences; selecting from a species-non-specific nucleic acid database species-specific nucleic acids comprising noncoding sequences; selecting from the coding sequences those sequences that are 3'-complete or 3'-coding biased, wherein 3'-coding biased sequences comprise 5'-partial sequences having desirable characteristics; selecting from the noncoding sequences those sequences that include poly-A tails or are derived from sequences that include poly-A tails; reducing redundancy in selected sequences; comparing sequences comprising unannotated sequences to a collection of sequences comprising annotated coding sequences and selecting those sequences satisfying a threshold of similarity; and collecting all selected sequences. In some embodiments, the species-specific nucleic acid database is an equine-specific nucleic acid database. In some embodiments, the species-non-specific nucleic acid database is GenBank.

[009] The present invention also provides arrays comprising a plurality of oligonucleotide probes designed to be complementary to and hybridize under stringent conditions with a gene listed in one of Tables 33, 35, or 37. In some embodiments, the array consists of less than 100 probes that are complementary to genes not listed in Tables 33, 35, or 37.

[010] The present invention also provides arrays comprising a plurality of oligonucleotides, wherein: a) the oligonucleotides are chosen from the nucleic acid sequences shown in Tables 34, 36, or 38, and wherein the array comprises 10 or more of said oligonucleotides; or b) the oligonucleotides comprise

nucleotide probes designed to be complementary to, or hybridize under stringent conditions with, 10 or more nucleic acid sequences shown in Tables 34, 36, or 38. In some embodiments, the oligonucleotides comprise nucleotide probes designed to be complementary to, or hybridize under stringent conditions with, 1000, 2000, or 3000 or more nucleic acid sequences shown in Table 34.

[011] The present invention also provides methods for populating a database of species-specific nucleic acid sequences, comprising querying a database of nucleic acid sequences to identify nucleic acid sequences associated with a subject species; processing the identified sequences to create a first subset containing coding sequences and a second subset containing non-coding sequences; dividing the first subset into a plurality of DNA sequences, if present, and a plurality of mRNA sequences; processing the plurality of DNA sequences to derive a plurality of virtual mRNA sequences; dividing the plurality of mRNA sequences into a plurality of complete and mRNA 3' partial sequences, and a plurality of mRNA 5' partial sequences; processing the plurality of mRNA 5' partial sequences to identify a subset of mRNA 5' partial sequences, each member of the subset satisfying a threshold level of completeness; identifying members of the second subset containing non-coding sequences that correlate with at least one known coding sequence of at least one species other than the subject species; and combining the plurality of virtual mRNA sequences, the plurality of complete and mRNA 3' partial sequences, the subset of mRNA 5' partial sequences, and the identified correlated sequences to create the database of species-specific nucleic acid sequences. In some embodiments, the step of identifying includes comparing each member of the second subset to each

member of a database containing annotated human nucleic acid sequences. In some embodiments, the step of identifying includes comparing each member of the second subset to each member of a database containing annotated human and mouse nucleic acid sequences. The database containing annotated human and mouse nucleic acid sequences can be derived from the database of nucleic acid sequences. In some embodiments, the method further comprises eliminating duplicates within the database of species-specific nucleic acid sequences. In some embodiments, the method further comprises populating the database of species-specific nucleic acid sequences with selected species-specific virus definitions. In some embodiments, the method further comprises verifying that each of the identified correlated sequences is represented in sense format.

[012] The present invention also provides methods of identifying changes in gene expression with time, by assaying a biological sample with the microarray of the present invention, repeating the assay after a period of time has elapsed, and comparing the results. Also provided are methods of detecting or monitoring a disease chosen from osteoarthritis, joint inflammation, neurological diseases, such as equine protozoal myelitis, developmental orthopedic diseases, laminitis, and the general condition of stress, comprising testing a biological sample on these microarrays for the presence of a genetic marker associated with the disease being tested for.

[013] Also provided are methods of detecting or monitoring an infectious disease chosen from herpesvirus-2 and equine protozoal myelitis caused by *sarcocystis neurona* or *sarcocystis neurospora*, comprising testing a biological

sample on a microarray of the invention for the presence of a genetic marker associated with the disease being tested for.

[014] Additional aspects and advantages of the invention will be set forth in part in the description that follows, and in part will be obvious from the description, or may be learned by practice of the invention. The objects and advantages of the invention will be realized and attained by means of the elements and combinations particularly pointed out in the appended claims.

[015] It is to be understood that both the foregoing general description and the following detailed description are exemplary and explanatory only and are not restrictive of the invention, as claimed.

[016] The accompanying drawings, which are incorporated in and constitute a part of this specification, illustrate one (several) embodiment(s) of the invention and together with the description, serve to explain the principles of the invention.

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

[017] Figure 1 is a schematic flow chart of the overall design of 3'-biased equine annotated gene and EST sequence selection.

[018] Figure 2 shows scatter plots of signal intensities for probe sets in an equine gene expression microarray in various replicates of equine synoviocytes cultured with lipopolysaccharide (LPS; 100 ng/mL; A, C, and E) and without LPS (control; B, D, and F). Lines represent 2-fold, 3-fold, 10-fold, and 30-fold change in gene expression, either up (above midpoint) or down (below midpoint). Light gray points represent genes identified as not expressed or marginally expressed in both replicates, intermediate gray points represent genes identified as

expressed in 1 replicate but not expressed in the other replicate, and black points represent genes identified as expressed in both replicates. In all replicates,  $r, > 0.99$  and  $p < 0.001$ .

[019] Figure 3 shows scatter plots of mean signal intensities for probe sets in an equine gene expression microarray in equine synoviocytes cultured with and without LPS. See Figure 2 description for key.

[020] Figure 4 shows validation of high-quality RNA extraction. The RNA was extracted and purified using the Trizol protocol. Peaks for 28S and 18S rRNA indicate high quality non-degraded RNA whereas smaller peaks 20-35 indicate the degree of degradation of RNA.

[021] Figure 5 shows digital photos of representative samples of cartilage suffering from erosion and fibrillation, as compared to normal cartilage.

[022] Figure 6 shows a dendrogram for clustering experiments.

[023] Figure 7 shows a scatter plot for horses under stress. Expressed genes (black) for each gene comparison among control (X-axis) and stressed (y-axis) arrays (four control and five stressed produce twenty possible control-stressed array comparisons for 3098 genes = 61,960 dots representing signal log ratios for a gene. Intermediate gray dots were marginally expressed. Black dots are comparisons of genes expressed in at least one of the comparative arrays.) Data analyses were based on the Absolute and Comparative analysis of the CHP files produced upon scanning the microarray and performed by Alan Bakaletz, Bioinformatics and Computational Biology Core, Davis Heart & Lung Research Institute at The Ohio State University.



[024] Figure 8 shows signal intensity scatter plot of laminitis endothelium (y-axis) Vs Control (x-axis). Four fold change lines are in pairs:  $y=2x$  and  $y=1/2x$ ,  $y=3x$  and  $y=1/3x$ ,  $y=10x$  and  $y=1/10x$ ,  $y=30x$  and  $y=1/30x$ .

[025] Figure 9 shows signal intensity scatter plot of Canine OA Vs Control. Four fold change lines are in pairs:  $y=2x$  and  $y=1/2x$ ,  $y=3x$  and  $y=1/3x$ ,  $y=10x$  and  $y=1/10x$ ,  $y=30x$  and  $y=1/30x$ .

### **DESCRIPTION OF THE EMBODIMENTS**

[026] Reference will now be made in detail to specific embodiments of the invention, examples of which are illustrated in the accompanying drawings. Wherever possible, the same reference numbers will be used throughout the drawings to refer to the same or like parts.

[027] The present invention is generally directed to methods for preparing biological databases, and databases prepared according to those methods. The inventive methods can be practiced using readily available hardware and publicly available software. The databases can comprise nucleic acids, including DNA and/or RNA, or polypeptides.

[028] In one embodiment, the invention comprises methods for curating, pruning, and annotating publicly available gene sequences by computer to create high quality nucleic acid sequence data. The data obtained by the present methods can be assembled into a database, which can be used for any purpose, including use in a gene expression microarray.

[029] The methods of the invention take advantage of information available in public databases, including but not limited to, GenBank. As will be

readily apparent from this disclosure, other databases can also be used, provided the desired information is available.

[030] The methods of the invention can accommodate selection of any desired characteristics of the nucleic acid sequences. For example, the invention can be used to select all species-specific sequences, such as all equine (*Equus caballus*), bovine (*Bos taurus*), ovine (*Ovis aries*), porcine (*Sus scrofa*), caprine (*Capra hircus*), canine (*Canis familiaris*), feline (*Felis catus*), avian (domestic chicken, *Gallus gallus*), or any other desired species. Within any given species, selection can be all inclusive or be made based on tissue, or disease, or pathogen, or any other desired characteristic.

[031] The invention will now be described with reference to a particular embodiment. It should be recognized that the invention comprises other embodiments, and that those of ordinary skill in the art will recognize what those embodiments are. Also, the embodiments described herein comprise several steps or components. It is contemplated that these steps may be rearranged, as desired, to achieve the desired result. The numbering scheme below is simply for clarification in this description and is not intended to define the order of the steps.

[032] Additionally, while the following steps are designed for selecting mRNA sequences, other selections could be made during any step, depending on the desired result. Finally, the following steps selected for 3'-biased mRNA sequences, but other selection forces may be applied, including for example, selecting for *all* mRNA sequences, selecting for DNA sequences, selecting for complete sequences, etc. The choices will be understood by those of skill in the art upon reading this disclosure.

[033] 1. Obtaining a Species-Specific Selection of Nucleic Acid

Sequences

[034] In one embodiment of the invention, a species-specific collection of nucleic acid sequences is prepared. In a first step, a public database, such as GenBank, is queried using a species-specific request. For example, to obtain all equine sequences, the database is queried for "Equus caballus," for bovine, "Bos taurus," for ovine, "Ovis aries," for porcine, "Sus scrofa," for caprine, "Capra hircus," for canine, "Canis familiaris," or for feline, "Felis catus."

[035] It should be recognized that public databases may differ in the information that may be entered for any given field. For example, instead of simply "Equus caballus," an entry may say "Equus caballus (horse)," or other similar entry. Thus, if desired, care may be taken to use inclusive language in the query to avoid omitting desired entries. Similarly, it should be recognized that entries may refer to a species as a host, such as "Equine lymphoma." If desired, care can be taken to use exclusive language to avoid including such entries.

[036] 2. Separating Coding Sequences (CDS) from Non-Coding

Sequences (NonCDS)

[037] The Coding Sequences (CDS) and Non-Coding Sequences (NonCDS) sequences are separated by the program GetCDS. NonCDS can undergo further analysis, as described herein below in step 11. Within the CDS selection, some sequences may comprise DNA and others mRNA.

[038] 3. Separation of DNA CDS from mRNA CDS

[039] By the program CheckMRNA, one can separate mRNA sequences from DNA sequences. Sequences identified as "mRNA" are treated further below

under step number 7. DNA CDS may further comprise complete and partial sequences.

[040] 4. Selection of 3' Complete DNA Sequences

[041] "Complete 3'" DNA coding sequences contain stop codons at the three-prime ends, and thus can be full-length or partial sequences anchored at their three-prime ends. Other sequences are 5' partial DNA sequences. The DNA CDS from step 3 above can be further selected for "3' complete" sequences, to remove 5' partial sequences from the collection. Of course, if desired, partial DNA sequences can be retained and later analyzed and annotated.

[042] 5. Removing Duplicate Sequences

[043] Because there is a possibility that multiple entries exist for the same sequence, steps may be taken to remove duplicates. In the case of GenBank sequences, the selected DNA sequences from step 4 can be converted to a uniform format, such as by using the Fasta program, then submitted to an overlap-detecting algorithm, such as the ClusterG program. Any level of scrutiny can be applied in identifying "duplicates." For example, sequences that are greater than 99%, 98%, 97%, 96%, 95%, 90%, 85%, 80%, 75%, 70%, 65%, 60%, 55%, 50%, or even lower percent, identical can be deemed duplicates and removed. Obviously, a higher level allows for a larger number of similar sequences to be retained, whereas a lower level will have the opposite effect. The desired level can be unique to any situation, and will be determined by the scientist or practitioner using the system, depending on their needs.

[044] 6. Identifying "Buried" mRNA Sequences

[045] The non-duplicate DNA CDS can further be examined for the presence of mRNA information. When available, the mRNA information can be collected and further analyzed as described below step number 10.

[046] 7. Selection of 3' Complete mRNA Sequences

[047] Like the DNA described above, "3' Complete" mRNA coding sequences contain stop codons at the three-prime ends, and thus can be full-length or partial sequences anchored at their three-prime ends. Other sequences are 5' partial mRNA sequences. The mRNA CDS from step 3 above can be further selected for "3' complete" sequences, to remove 5' partial sequences from the collection. Unlike with partial DNA sequences, however, partial mRNA sequences are retained for further processing as described in step 9, below.

[048] 8. Removing Duplicate Sequences

[049] Because there is a possibility that multiple entries exist for the same sequence, steps may be taken to remove duplicates. In the case of GenBank sequences, the selected complete 3' mRNA sequences from step 7 above can be converted to a uniform format, such as by using the FastaG program, then submitted to an overlap-detecting algorithm, such as the ClusterG program. Any level of scrutiny can be applied in identifying "duplicates." For example, sequences that are greater than 99%, 98%, 97%, 96%, 95%, 90%, 85%, 80%, 75%, 70%, 65%, 60%, 55%, 50%, or even lower percent, identical can be deemed duplicates and removed. Obviously, a higher level allows for a larger number of similar sequences to be retained, whereas a lower level will have the opposite effect. The desired level can be unique to any situation, and will be

determined by the scientist or practitioner using the system, depending on their needs. Sequences selected are further treated in step 10, below.

[050] 9. Annotating Partial mRNA Sequences

[051] Because 5' partial mRNA from step 7 above may include regions close to the 3' end, and thus be suitable for use in a microarray, further analysis of these sequences can be performed.

[052] First, the 5' partial mRNA from step 7 are compared to a combined coding sequence database, such as human + mouse, which can be obtained by querying GenBank for "homo cds" and combining those results with "mus cds." The coding sequence database can include any sequences, but highly evolved and annotated databases are desirable as the comparative database. The comparison can be achieved using a sequence comparison program such as "BlastN." The program compares sequences and identifies those that are similar or identical. As with similar programs, the stringency of the comparison can be varied, so as to be more or less selective. Thus, a Blast "score" can be greater than 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, or higher, depending on the desire for identifying similar or identical sequences. Another measurement that can be used is the "E" value, which can be less than  $10^{-2}$ ,  $10^{-3}$ ,  $10^{-4}$ ,  $10^{-5}$ ,  $10^{-6}$ ,  $10^{-7}$ ,  $10^{-8}$ ,  $10^{-9}$ ,  $10^{-10}$ , or even less, again depending on the desire for identifying similar or identical sequences.

[053] Sequences can then be further selected for their closeness to the 3' end. "Closeness" is a subjective determination, but can be arbitrarily set at any number of bp, such as less than 1000 bp, 900, 800, 700, 600, 500, 400, 300, 200, 100, or fewer bp, from the 3' end.

[054] 10. Combining and Processing Selected Species Sequences

[055] "Buried" mRNA sequences from step 6, 3' complete mRNAs from step 8, and selected 5' partial mRNAs from step 9 are combined, and further processed for duplicates. Again, the sequences can be converted to a uniform format, such as by using the Fasta program, then submitted to an overlap-detecting algorithm, such as the ClusterG program. Any level of scrutiny can be applied in identifying "duplicates." For example, sequences that are greater than 99%, 98%, 97%, 96%, 95%, 90%, 85%, 80%, 75%, 70%, 65%, 60%, 55%, 50%, or even lower percent, identical can be deemed duplicates and removed. Obviously, a higher level allows for a larger number of similar sequences to be retained, whereas a lower level will have the opposite effect. The desired level can be unique to any situation, and will be determined by the scientist or practitioner using the system, depending on their needs. The selected sequences are further processed as described in step 15, below.

[056] 11. Selection of Poly-A ESTs from Non-CDS

[057] Because Non-CDS may still include useful sequences, the Non-CDS from step 2 above can be further processed. The Non-CDS are further selected for those that are identified as including a poly-A tail. This can be performed by querying the GenBank database for a "Yes" or "No" relating to "polyA." The sequence information from these ESTs may contain the polyA tail if the sequencing process reaches to the 3' end. However, if the sequencing is initiated at the 5' end and stops in the middle, the obtained sequence information may not include the polyA tail, although it may be very close to the 3' end. Therefore, ESTs claiming "PolyA=No" may not necessarily mean that they are not

at or close to the 3' end. Based on this, we first selected the ESTs which claim both "PolyA=Yes" and "PolyA=No" so that a maximal pool of candidate 3' ESTs could be constructed.

[058] 12. Selection of High Quality ESTs

[059] The poly-A-containing ESTs from step 11 above are further processed to select high-quality, vector-trimmed regions. In Genbank there is a feature that states the regions that are of high phred quality with the start and stop positions. All sequences were trimmed to only include these high quality regions based on the start and stop positions. This enhances the confidence that the sequencing was completed accurately.

[060] 13. Removing Duplicate Sequences

[061] Again, because there is a possibility that multiple entries exist for the same sequence, steps can be taken to remove duplicates, for example, to maximize the space limitations of a microarray. In the case of GenBank sequences, the selected poly-A ESTs from step 12 above can be converted to a uniform format, such as FastaG format, then submitted to an overlap-detecting algorithm, such as the ClusterG program. Any level of scrutiny can be applied in identifying "duplicates." For example, sequences that are greater than 99%, 98%, 97%, 96%, 95%, 90%, 85%, 80%, 75%, 70%, 65%, 60%, 55%, 50%, or even lower percent, identical can be deemed duplicates and removed. Obviously, a higher level allows for a larger number of similar sequences to be retained, whereas a lower level will have the opposite effect. The desired level can be unique to any situation, and will be determined by the scientist or practitioner using the system, depending on their needs.



[062] 14. Annotating poly-A EST Sequences

[063] The polyA ESTs can be compared to a combined human + mouse coding sequence database, which can be obtained by querying GenBank for "mus cds" and combining those results with "homo cds." The comparison can be achieved using a sequence comparison program such as "BlastN." The program compares sequences and identifies those that are similar or identical. As with similar programs, the stringency of the comparison can be varied, so as to be more or less selective. Thus, a Blast "score" can be greater than 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, or higher, depending on the desire for identifying similar or identical sequences. Another measurement that can be used is the "E" value, which can be less than  $10^{-2}$ ,  $10^{-3}$ ,  $10^{-4}$ ,  $10^{-5}$ ,  $10^{-6}$ ,  $10^{-7}$ ,  $10^{-8}$ ,  $10^{-9}$ ,  $10^{-10}$ , or even less, again depending on the desire for identifying similar or identical sequences.

[064] Sequences can then be further selected for their closeness to the 3' end. "Closeness" is a subjective determination, but can be arbitrarily set at any number of bp, such as less than 1000 bp, 900, 800, 700, 600, 500, 400, 300, 200, 100, or fewer bp, from the 3' end.

[065] Still further, the sense or anti-sense orientation of the sequence can be determined, for example, through use of the BlastN program, which shows the direction of the match. Those sequences deemed to be in anti-sense orientation can be converted to sense sequences by, for example, programs that reverse complement the sequence.

[066] The selected sense-oriented 3'-biased ESTs and converted anti-sense 3'-biased ESTs can be combined together and further processed as described below in step 15.

[067] 15. Combining Sequences and Removing Duplicates

[068] The selected sequences from step 10 are combined with those selected from step 14. To reduce the existence of duplicates, further processing can be performed, again to maximize the number of unique sequences represented on a microarray of limited space. The selected sequences can be converted to a uniform format, such as FastaG format, and then submitted to an overlap-detecting algorithm, such as the ClusterG program. Any level of scrutiny can be applied in identifying "duplicates." For example, sequences that are greater than 99%, 98%, 97%, 96%, 95%, 90%, 85%, 80%, 75%, 70%, 65%, 60%, 55%, 50%, or even lower percent, identical can be deemed duplicates and removed. Obviously, a higher level allows for a larger number of similar sequences to be retained, whereas a lower level will have the opposite effect. The desired level can be unique to any situation, and will be determined by the scientist or practitioner using the system, depending on their needs.

[069] The collection of data created in the steps above can be used for any applicable purpose. Those of skill in the art will recognize uses for such information. The nucleic acid sequences can be used as they are or transformed for any desired use. For example, the sequences can be translated into polypeptide sequences, which can be used for any desired purpose, or probes can be derived from the nucleic acid sequences selected.

[070] Polynucleotide Probes

[071] Probes can be genomic DNA or cDNA or mRNA, or any RNA-like or DNA-like material, such as peptide nucleic acids, branched DNAs and the like. Probes can be sense or antisense polynucleotide probes. Where target

polynucleotides are double stranded, the probes may be either sense or antisense strands. Where the target polynucleotides are single stranded, the nucleotide probes are complementary single strands.

[072] Probes can be prepared by a variety of synthetic or enzymatic schemes, examples of which are well known in the art. Probes can be synthesized, in whole or in part, using chemical methods, examples of which are well known in the art (Caruthers et al. (1980) Nucleic Acids Res. Symp. Ser. 215-233). Alternatively, the probes can be generated, in whole or in part, enzymatically.

[073] Nucleotide analogs can be incorporated into polynucleotide probes by methods well known in the art. The incorporated nucleotide analogues should serve to base-pair with target polynucleotide sequences. For example, certain guanine nucleotides can be substituted with hypoxanthine, which base-pairs with cytosine residues. However, these base pairs may be less stable than those between guanine and cytosine. Alternatively, adenine nucleotides can be substituted with 2,6-diaminopurine, which can form stronger base pairs than those between adenine and thymidine. Additionally, polynucleotide probes can include nucleotides that have been derivatized chemically or enzymatically. Typical chemical modifications include derivatization with acyl, alkyl, aryl, or amino groups.

[074] The probes can be labeled with one or more labeling moieties to allow for detection of hybridized probe/target polynucleotide complexes. The labeling moieties can include compositions that can be detected by spectroscopic, photochemical, biochemical, bioelectronic, immunochemical,

electrical, optical, and/or chemical means. The labeling moieties include, for example, radioisotopes, such as  $^{32}\text{P}$ ,  $^{33}\text{P}$ , or  $^{35}\text{S}$ , chemiluminescent compounds, labeled binding proteins, heavy metal atoms, spectroscopic markers, such as fluorescent markers and dyes, magnetic labels, linked enzymes, mass spectrometry tags, spin labels, electron transfer donors and acceptors, and the like.

[075] Probes can be immobilized on a substrate, examples of which include but are not limited to, rigid and/or semi-rigid supports including membranes, filters, chips, slides, wafers, fibers, magnetic or nonmagnetic beads, gels, tubing, plates, polymers, microparticles, and capillaries. Substrates can have a variety of surface forms, such as wells, trenches, pins, channels and pores, to which the probes are bound. The substrates can be optically transparent.

[076] Hybridization complexes

[077] Hybridization causes a probe and a complementary target to form a stable duplex. In the case of polynucleotide probes and targets, this occurs through base pairing. Hybridization methods are well known to those skilled in the art (See, e.g., Ausubel (1997; Short Protocols in Molecular Biology, John Wiley & Sons, New York N.Y., units 2.8-2.11, 3.18-3.19 and 4-6-4.9). Conditions can be selected for hybridization where exactly complementary target and polynucleotide probe can hybridize, i.e., each base pair must interact with its complementary base pair. Alternatively, conditions can be selected where target and polynucleotide probes have mismatches but are still able to hybridize. Suitable conditions can be selected, for example, by varying the concentrations of

salt in the prehybridization, hybridization, and wash solutions, or by varying the hybridization and wash temperatures. With some membranes, the temperature can be decreased by adding formamide to the prehybridization and hybridization solutions.

[078] Hybridization conditions are based on the melting temperature ( $T_m$ ) of the nucleic acid binding complex or probe, as described in Berger and Kimmel (1987) *Guide to Molecular Cloning Techniques, Methods in Enzymology*, Vol. 152, Academic Press. The term "stringent conditions," as used herein, is the "stringency" which occurs within a range from about  $T_m-5$  (5° below the melting temperature of the probe) to about 20°C below  $T_m$ . As used herein, "highly stringent" conditions employ at least 0.2 x SSC buffer and at least 65°C. As recognized in the art, stringency conditions can be attained by varying a number of factors, including for example, the length and nature, i.e., DNA or RNA, of the probe; the length and nature of the target sequence; and the concentration of the salts and other components, such as formamide, dextran sulfate, and polyethylene glycol, of the hybridization solution. All of these factors can be varied to generate conditions of stringency which are equivalent to the conditions listed above.

[079] Hybridization can be performed at low stringency with buffers, such as 6xSSPE with 0.005% Triton X-100 at 37°C, which permits hybridization between target and polynucleotide probes that contain some mismatches to form target polynucleotide/probe complexes. Subsequent washes can be performed at higher stringency with buffers, such as 0.5xSSPE with 0.005% Triton X-100 at 50°C, to retain hybridization of only those target/probe complexes that contain

exactly complementary sequences. Alternatively, hybridization can be performed with buffers, such as 5xSSC/0.2% SDS at 60°C and washes are performed in 2xSSC/0.2% SDS and then in 0.1xSSC. Background signals can be reduced by the use of detergent, such as sodium dodecyl sulfate, Sarcosyl, or Triton X-100, or a blocking agent, such as salmon sperm DNA.

[080] Other procedures for the use of microarrays are available in the art, and are provided, for example, by Affymetrix. In this regard, reference is made to the Affymetrix GeneChip® Expression Analysis Technical Manual, the entire disclosure of which is incorporated herein by reference.

[081] Microarray Construction

[082] The nucleic acid sequences can be used in the construction of microarrays. Methods for construction of microarrays, and the use of such microarrays, are known in the art, examples of which can be found in U.S. Patent Nos. 5,445,934, 5,744,305, 5,700,637, and 5,945,334, the entire disclosure of each of which is hereby incorporated by reference. Microarrays can be arrays of nucleic acid probes, arrays of peptide or oligopeptide probes, or arrays of chimeric probes -- peptide nucleic acid (PNA) probes. Those of skill in the art will recognize the uses of the collected information.

[083] One particular example, the *in situ* synthesized oligonucleotide Affymetrix GeneChip system, is widely used in many research applications with rigorous quality control standards. (Rouse R. and Hardiman G. *Pharmacogenomics* 5:623-632 (2003).). Currently the Affymetrix GeneChip uses eleven 25-oligomer probe pair sets containing both a perfect match and a single nucleotide mismatch for each gene sequence to be identified on the array. Using

a light-directed chemical synthesis process (photolithography technology), highly dense glass oligo probe array sets (>1,000,000 25-oligomer probes) can be constructed in a ~ 3 x 3-cm plastic cartridge that serves as the hybridization chamber. The ribonucleic acid to be hybridized is isolated, amplified, fragmented, labeled with a fluorescent reporter group, and stained with fluorescent dye after incubation. Light is emitted from the fluorescent reporter group only when it is bound to the probe. The intensity of the light emitted from the perfect match oligoprobe, as compared to the single base pair mismatched oligoprobe, is detected in a scanner, which in turn is analyzed by bioinformatics software (<http://www.affymetrix.com>). The GeneChip system provides a standard platform for array fabrication and data analysis which permits data comparisons among different experiments and laboratories.

[084] All of the compositions and methods disclosed and claimed herein can be made and executed without undue experimentation in light of the present disclosure. While the compositions and methods of this invention have been described in terms of preferred embodiments, it will be apparent to those of skill in the art that variations may be applied to the composition, methods and in the steps or in the sequence of steps of the method described herein without departing from the concept, spirit and scope of the invention. All such similar substitutes and modifications apparent to those skilled in the art are deemed to be within the spirit, scope and concept of the invention as defined by the appended claims.

[085] The following examples are included to demonstrate preferred embodiments of the invention. It should be appreciated by those of skill in the art

that the techniques disclosed in the examples that follow represent techniques discovered by the inventor to function well in the practice of the invention, and thus can be considered to constitute detailed modes for its practice. However, those of skill in the art should, in light of the present disclosure, appreciate that many changes can be made in the specific embodiments which are disclosed and still obtain a like or similar result without departing from the spirit and scope of the invention.

### **EXAMPLES**

[086] Further details of the invention can be found in the following examples, which further define the scope of the invention.

#### **[087] Example 1 - Construction of Equine Nucleic Acid Database and Microarray**

[088] All gene sequences were obtained from the public (GenBank) database, which is maintained at the National Center for Biotechnology Information (NCBI). The sequences were obtained by queries to the GenBank and the returned results were downloaded in GenBank format to the local computer.

[089] The project was completed by using a series of Java application programs which were run under the JAVA™ 2 Runtime Environment, Standard Edition, Version 1.4.1 from the Sun Microsystems, Inc. using a Dell Optiplex GX240 Intel(R) Pentium (R) 4 CPU 1.70 GHz with 256 MB of RAM with Microsoft Windows XP Professional Version 2002 operating system. The BlastN and BlastX were conducted using the bioinformatics resources at the Ohio Supercomputer Center (<http://www.osc.edu>). Table 1 lists all the programs used.



Table1. Software and programs used

<b>Name</b>	<b>Function</b>
GetEquine	Selects the gene sequences which are from the source of either equus caballus or equus caballus (horse)
CheckCDS	Collects the coding sequences and non-coding sequences separately
GetThreePrimeCompleteCDS	Selects the coding sequences which contain the stop codons at the 3' ends.
CheckMRNA	Splits the gene sequences into mRNA sequences and DNA sequences
FastaG	Transforms the gene sequences in GenBank format to FASTA format
ClusterG	Identifies the unigene sets; if sequences are found >90% identical match, only the longest sequence is stored
FastaCombine	Combines different FASTA files to one FAST file
GetPolyAEST	Selects ESTs which claim as "PolyA=Yes" or "PolyA=No"
SelectHighQualityEST	Selects the high phred quality region of the ESTs based on the annotated start and stop positions in the GenBank format
GetRC	Obtains the reverse complementary sequence of a target sequence
BlastN	Nucleotide-nucleotide sequence comparison
BlastX	Nucleotide-protein sequence comparison

The source code for each program is provided in Appendix A.

[090] The overall design steps in selecting the 3' equine annotated genes and ESTs are summarized in Figure 1.

#### [091] **Construction of equine, and human/mouse sequence databases**

[092] Equine gene sequences were first obtained through a query of "equus caballus" to the GenBank database at the NCBI web site. A total of 20,022 sequences were returned (as of June 2003) and downloaded in GenBank

format to the local computer. Program GetEquine was performed to specifically select those gene sequences that are from either equus caballus or equus caballus (horse), and 18,924 sequences were obtained and named as "EquusCaballusSequences." This is the original database from which 3' equine coding sequences and 3' equine ESTs were identified.

[093] By a query of "homo cds" to the GenBank database at the NCBI web site, 208,480 human sequences (as of the date the Genbank was accessed) were returned and downloaded in GenBank format to the local computer, which were then transformed to FASTA format using the FastaG program. Similarly, by a query of "mus cds," 205,373 mouse sequences (as of the date the GenBank was accessed) were obtained and stored in FASTA format. The resulting human and mouse coding sequences were combined and a correspondent HumanMouseCDS database was created at the Time Logic DeCypher System at the Ohio Supercomputer Center (<http://www.osc.edu>).

**[094] Selection of 3' equine coding sequences**

[095] To screen out the 3' equine cDNA sequences, program CheckCDS was first applied to the EquusCaballusSequences, with 981 equine coding sequences and 17,943 equine non-coding sequences identified, respectively. The equine coding sequences contain both mRNA and DNA sequences. DNA sequences contain alternative exons and introns, and the latter are removed to produce the mature mRNA. Preferably, mRNA sequences are selected for a gene expression microarray. Program CheckMRNA was performed on the EquusCaballusCDS file, with 436 equine mRNA coding sequences and 545 equine DNA coding sequences identified, respectively.

[096] The equine mRNA coding sequences were further split into two-hundred 5' partial coding sequences and two-hundred thirty-six 3' complete coding sequences using the GetThreePrimeCompleteCDS program. 3' complete coding sequences contain stop codons at the three-prime ends, and hence are either full-length sequences or partial sequences yet 3' anchored. All these two-hundred thirty-six 3'-anchored sequences were collected for further analysis. Similarly, the equine DNA coding sequences were split into one-hundred thirty-eight 3' complete coding sequences and four-hundred seven 5' partial coding sequences. Only the 3' complete DNA sequences were subjected to further analysis, but 5' DNA partial sequences could be further evaluated if desired. (See Table 2.)

[097] It is quite often that one single gene may be represented by several sequences, each with a different GenBank Accession Number. The same genes may be sequenced and deposited separately by different labs, or the gene sequences may first be deposited into GenBank as partial coding sequences and later as complete sequences. Therefore, multiple sequences, although with different GenBank Accession Numbers, can actually represent the same gene.

[098] To address this potential problem, the FastaG program was first applied to transform the sequences from the GenBank format to the FASTA format, in which the sequence begins with a single-line description followed by lines of sequence data. Then the ClusterG program was used to identify the unigene clusters and only keep the longest sequence for each cluster. One-hundred ninety-five equine mRNA 3' complete coding sequence clusters and fifty equine DNA 3' complete coding sequence clusters were obtained. Because the

complete gene (DNA) sequences may contain introns, the virtual respective mRNA sequences of the above equine DNA sequences were obtained by selecting the mRNA or CDS features at the respective GenBank website. The equine mRNA and virtual mRNA sequences were combined with the FastaCombine program and screened again with the ClusterG program for unigene clusters and the final 209 equine annotated 3' coding sequences were identified. These equine sequences are either full-length sequences or 3' anchored.

[099] This screening was based on selecting the 3'-biased coding sequences. However, some partial sequences may actually contain regions close to the 3' end and thus could also be suitable for use in a microarray. To capture these sequences, the two-hundred 5' partial equine mRNA coding sequences were first reduced to 149 clusters with the ClusterG program. Sequence comparisons of these clusters were performed against the HumanMouseCDS database using the BlastN program at the Time Logic DeCypher System at Ohio SuperComputer Center. The blast result was manually examined and a total of 83 equine partial coding sequences which are in close proximity (i.e., within 500 bp) to the 3' end or important to our research were identified and combined with the previously identified 209 3' equine coding sequences using the FastaCombine program. Program ClusterG was performed on the combined sequences and 290 final equine annotated gene sequences were ultimately selected for the microarray. Table 2 summarizes the result in each step of selecting the 3' equine coding sequences.

Table 2 — Results for analyses of a public database to identify 3' equine coding sequences

Sequence	Number
Equine sequences	18,924
Equine coding sequences	981
Equine coding sequences, mRNA	436
Equine coding sequences, mRNA, 3' complete	236
Equine coding sequences, mRNA, 3' complete cluster	195
Equine coding sequences, mRNA, partial	200
Equine coding sequences, partial mRNA selected	83
Equine coding sequences, DNA	545
Equine coding sequences, DNA, 3' complete	138
Equine coding sequences, DNA, 3' complete cluster	50
Equine coding sequences, selected mRNA and DNA	328
Equine coding sequences selected	290

[0100] The selected annotated equine gene sequences were also subjected to the BlastX assay against the SwissProt database (Gasteiger E. et al. *Curr Issues Mol Biol* 3(3):47-55(2001)) to confirm the sequence orientation, and all sequences were shown in the sense orientation (data not shown).

#### [0101] Selection of 3' equine ESTs

[0102] The 3' equine ESTs were isolated from the 17,943 equine non-coding sequences. Candidate 3' equine ESTs were first obtained using the GetPolyAEST program against the EquusCaballusSequences. Program GetPolyAEST selects the EST sequences which indicate as "PolyA=Yes" or "PolyA=No". As noted above, the sequence information from these ESTs may contain the polyA tail if the sequencing process reaches to the 3' end. However, if the sequencing is initiated at the 5' end and stops in the middle, the obtained sequence information may not include the polyA tail, although it may be very close to the 3' end. Therefore, ESTs claiming "PolyA=No" may not necessarily

mean that they are not at or close to the 3' end. Based on this, we first selected the ESTs which claim both "PolyA=Yes" and "PolyA=No" so that a maximal pool of candidate 3' ESTs could be constructed. A total of 8,752 putative equine 3' ESTs were obtained. Then the SelectHighQualityEST program was applied to specifically select the high-quality, vector-trimmed regions and transform into FASTA format.

[0103] The resulting high quality ESTs (8,752 sequences) were subjected to the ClusterG program to obtain EST clusters (4,139 clusters). Table 3 shows the 3' ESTs. (We selected the longest sequence for each cluster. Longer sequences can be obtained by sequence assembly. For long sequences, the whole sequence is fragmented and each fragment is sequenced individually and the whole sequence is obtained by assembly later. Some sequencing may be performed in both directions. Through assembly, more complete sequences can be obtained, if there is enough overlap exists between the fragments.)

Table 3 — Results of analyses to identify equine 3' sequences for use in a gene expression microarray

<b>Sequence</b>	<b>Number</b>
Equine sequences	18,924
Equine EST with polyA*	8,752
Equine polyA EST cluster	4,139
Equine EST cluster with algorithm confirmation	3,791
Equine EST screened	3,155
Sense EST	2,856
Antisense EST	299
Equine coding sequences selected	290
Equine 3' sequences	3,288
Final equine sequences selected for the microarray	3,098

\*Equine sequences with and without the polyadenylation A (polyA) sequence.  
EST = Established sequence tag.

[0104] To obtain the annotations and 3' bias confirmation, the equine ESTs were blasted against the HumanMouseCDS database using the BlastN algorithm

at the Ohio SuperComputer Center facility. A total of 3,791 equine EST clusters had blast hits with a Blast score >60. Of these, only sequences with blastE values of  $<10^{-8}$  were considered candidates for selection. (Makabe et al. *Development* 128:2555-2567 (2001)). The blast result also was examined manually to remove any ESTs that matched to the 5' end of the corresponding human or mouse coding sequences. A total of 3,155 ESTs were identified as 3' biased. The orientations of the ESTs were also derived from the blast results by inspection of the direction of the sequence match (blast hit), with 2,856 in sense orientation and 299 in antisense orientation (Table 3). The reverse complementary sequences of the antisense ESTs were obtained by the program GetRC and were combined with the sense equine ESTs. The resulting ESTs were also combined with the annotated equine coding sequences and undergone the cluster analysis again. A total of 3,288 equine 3' coding sequences and 3' ESTs were initially selected, from which 191 were omitted because the possible probe set was of low quality, leaving 3,098 equine coding sequences for the equine gene expression microarray. (In fact, 3,099 equine *origin* gene sequences were identified, but the first, GBEQ0001 is *Equus caballus* partial 18S rRNA, which was added as a reference gene.)

[0105] Note that many of the annotated genes that were publicly available were from laboratories studying musculoskeletal conditions. In total, this may include 100-200 genes. Thus, in the end, the collection of sequences had a slight bias toward musculoskeletal genes.

[0106] A complete list of the sequences are listed in attached Tables. Table 39 shows the GB... identification codes for the sequences included on the

microarray. Table 33 identifies the GenBank accession numbers for all 3,289 equine sequences initially selected (from which the 3,098 were ultimately chosen); Table 34 shows the equine sequences (SEQ ID NOS 1-3289) corresponding to Table 33.

**[0107] Preparation of the Microarray**

[0108] The probe set design was accomplished based on the selected equine sequences according to Affymetrix's chip design guide. The probe sets were selected by the following parameters: probe set score, gap multiplier, cross hybridization multiplier, probe count, raw standard deviation, siflength, etc. Each sequence was checked for unique, identical, or mixed probe sets. Probe sets with a score no less than 2.0 for unique set or a score no less than 4.0 for identical or mixed set were selected. A total of 68,266 equine oligonucleotide probes were included on a high density microarray, with average 11 perfect matches and 11 single nucleotide mismatches for each equine gene.

**[0109] Discussion**

[0110] Genetic information has been exploding dramatically since its construction. At the time of the equine microarray design, over 20,000 equine sequences were available in the public database (GenBank). How to data-mine the 3'-biased sequences is an issue in generating gene expression microarrays, including equine microarrays. Here, we have disclosed a unique computer-based approach that is applicable for creating gene expression microarrays for any other species. The approach generally involves two major steps: identifying the 3' coding sequences and 3' ESTs.



[0111] In identifying the 3' equine coding sequences, we first focused on the selection of full-length coding sequences and partial sequences with 3' end. This is done by selecting the coding sequences with the stop codon at the 3' end. This approach ensures that sequences selected are 3' anchored. Some of them also contain the 3'-untranslated regions, which may be more species-specific compared to the coding region. To capture additional coding sequences for the microarray, we performed the blast analysis for the partial coding sequences against the self-constructed HumanMouseCDS database instead of the non-redundant (nr) nucleotide database available at NCBI. The HumanMouseCDS database is actually a subset of the nr database. Most of the sequences are annotated human or mouse coding sequences. Therefore, the blast result based on this database provides more useful information, which was especially valuable in the equine EST annotation and sequence orientation determination. Moreover, as the HumanMouseCDS database is much smaller, the computing time for the blast assay is tremendously decreased.

[0112] One approach in constructing the cDNA library used for transcript sequencing is using the oligo-dT as the primer in the first strand cDNA synthesis. This would preferentially begin sequencing from the 3' end due to priming on the polyA tail. In other methods, the sequence information from these ESTs may contain the polyA tail if the sequencing process reaches to the 3' end. However, if the sequencing is initiated at the 5' end and stops in the middle, the obtained sequence information may not include the polyA tail, although it may be very close to the 3' end. Therefore, ESTs claiming "PolyA=No" may not necessarily mean that they are not at or close to the 3' end. Based on this, we first selected

the ESTs which claim both "PolyA=Yes" and "PolyA=No" so that a maximal pool of candidate 3' ESTs could be constructed.

[0113] ESTs are short sequences, representing only fragments of genes, not complete coding sequences. The sequences may be in either sense or antisense orientation. Therefore, a major effort and emphasis is focused on how to best annotate these ESTs. In fact, we first annotated the equine ESTs with blast analysis against the nr database (data not shown). However, an overwhelming number of hits occurred between the ESTs and sequences without much useful information, as the hits occurred with the chromosomal sequences, cDNA clones, etc. Therefore, we modified the blast analysis against the self-constructed HumanMouseCDS database that contained more concentrated annotated human and mouse coding sequences. Approximately 92% of the ESTs had blast hits and putative annotations were provided. (Annotations were categorized based on the published papers. Escribano J. and Coca-Prados, M., *Molecular Vision* 8:315-332 (2002); Lo J. et al. *Genome Research* 13(3):455-466 (2003)). (See Table 4.)

[0114] For the gene expression microarray, further probe design could be based on the antisense strand of the selected sequences. The array can be either cDNA spotted microarray (the clones can be purchased or self obtained by PCR) or the Affymetrix oligonucleotide GeneChip. cDNA spotted microarrays use longer sequences as probes which are advantageous in that sequences could be spotted first without being known and the gene sequence of interest could be determined later. However, this approach is labor intensive and costly in producing and maintaining the clones or PCR products. Errors may occur in mis-

assigning the clones. (Halgren RG, et al. *Nucleic Acids Research* 29:582-588 (2001).)

[0115] It is difficult to distinguish closely related gene families using cDNA microarray. Also, for rarely expressed genes, it is hard to obtain the suitable cDNA clones. On the other hand, if the sequence information is available, oligonucleotides can be synthesized to hybridize specifically and uniquely to any available target genes. This approach avoids the need to manipulate large cDNA clone libraries. The cross-hybridization problem due to the short length of the probe could be ameliorated by the usage of several probe sets per gene. In the Affymetrix GeneChip system, the use of perfect match and mismatch design provides a control for background noise and cross-hybridization from unrelated targets. The chip cost has now decreased several-fold and become more affordable to academics, compared to large-scale cDNA microarrays.

[0116] This is the first published microarray accumulation of equine annotated genes and ESTs and all that is publicly available to date. The equine chip includes equine gene sequences functioning in apoptosis, cell cycle, signal transduction, developmental biology, etc, as listed in Table 4. (Escribano J. and Coca-Prados, M., *Molecular Vision* 8:315-332 (2002); Lo J. et al. *Genome Research* 13(3):455-466 (2003)).

[0117] Note that the final "annotation" of the equine gene sequences selected was simply a Blast search against the combined mouse and human sequence database, as described above. For the sake of brevity, those results are not shown herein, but can easily be repeated by identifying the GenBank accession number corresponding to the "GB..." identification number, and

performing a Blast analysis. (The correlation between the GenBank accession numbers and the GB... identification numbers is found in Table 33 for the equine sequences.)

Table 4 — Characterization of selected equine 3' coding sequences and 3' ESTs

Protein category	3' coding sequence	3' EST
Enzyme		
Dehydrogenase	4	35
Isomerase	0	15
Kinase	1	78
Phosphatase	0	39
Synthase	5	35
Transferase	1	37
Oxidase	0	8
Peptidase	0	6
Others	14	69
Protein synthesis		
Ribosomal protein	5	105
Initiation, elongation, and other factors	0	49
RNA binding	2	108
DNA binding	5	203
Transcription factor	3	64
Protein degradation	8	62
Membrane protein	2	53
Cellular signaling		
Receptor and receptor-related	32	223
Ligand and other exchange factors	62	142
Structural protein	21	98
Cell division	5	41
Cell adhesion	2	12
Cell differentiation	2	15
Ligand binding or carrier	5	102
Transporter	8	74
Antioxidant	1	6
Immune-related proteins	33	152
Lipoprotein	1	3
Apoptosis	1	24
Chaperone	3	21
Enzyme inhibitor	7	33
Enzyme activator	0	10
Developmental protein	4	27
Motor	0	10
Unclassified	53	849

[0118] Data from this microarray will provide insight into gene expression for equine specific diseases and conditions. Thousands of equine ESTs whose genetic functions were unknown previously are now annotated. This not only enriches the equine gene expression profile, but also will provide a solid base for future full-length gene discovery and analysis.

[0119] **Example 2: Equine Gene Expression and Performance of the Microarray**

[0120] **Materials and Methods**

[0121] Equine synoviocytes were obtained from adult horses and cultured in monolayer in Dulbecco modified Eagle's medium (DMEM, Gibco, Grand Island, NY) that contained glutamine supplemented with 10% fetal bovine serum, 100 U of penicillin/mL, and 100  $\mu$ g of streptomycin/mL. Cultures were maintained in a humidified atmosphere containing 5% carbon dioxide at 37°C. Lipopolysaccharide from *Escherichia coli* 055:B5 (LPS from *Escherichia coli* 055:B5, Sigma Chemical Co, St Louis, MO) at concentrations of 0 and 100 ng/mL was added, and cells were culture for 2.5 hours. Total RNA was isolated by use of a commercial protocol (RNeasy Mini protocol, Qiagen, Valencia, CA) for total RNA isolation from animal cells. The RNA samples were separated and developed by use of 1% agarose gel electrophoresis, and sample concentration and purity were measured by use of UV spectra (260 and 280 nm).

[0122] All protocols were conducted in according with the manufacturer's instructions (Affymetrix. *Affymetrix GeneChip expression analysis technical manual*. Santa Clara, CA: Affymetrix, 2003). Total RNA (5  $\mu$ g) was reverse

transcribed into double-stranded cDNA by use of a polymerase (Superscript II, Invitrogen, Carlsbad, CA) and the T7-(dT)24 primer (T7-(dT) 24 primer, Qiagen, Valencia, CA). Biotinylated cRNA was synthesized by in vitro transcription. The cRNA products were fragmented prior to hybridization overnight at 45°C for 16 hours. Microarrays were washed at low- and high-stringent conditions and stained with streptavidin-phycoerythrin in accordance with an established protocol (EukGE-WS2, Affymetrix, Inc., Santa Clara, CA).

[0123] Data analysis was performed by use of commercially available software packages (Microarray suite 5.0, Affymetrix Inc, Santa Clara, CA; MicroDB, Affymetrix Inc, Santa Clara, CA; Data Mining Tool 3.0, Affymetrix Inc, Santa Clara, CA). To test their performance, microarrays were probed in triplicate with the same fragmented cRNA samples from normal equine synoviocytes and LPS-challenge exposed equine synoviocytes. Variables for performance of the microarray, such as signal intensity, were determined by use of statistical algorithms.

#### [0124] **Results**

[0125] In total, two thirds of the sequences represented on the array were expressed in equine synoviocytes (LPS-treated and control synoviocytes). For each condition, replicates were highly correlated (Figure 2). Correlation was the highest in expressed genes but was less in nonexpressed or marginally expressed genes. Regardless, there was a high overall correlation ( $r, > 0.99$ ) among replicates. Mean signal intensity was low for the nonexpressed genes ( $< 87$ ) and ranged from 176 to 226 for marginally expressed genes. Gene expression in these categories (nonexpressed or marginally expressed) was low

relative to the mean signal intensity of expressed genes (range 2,576 to 2,684; Table 5).

**Table 5 — Results of the equine gene expression microarray for equine synoviocytes cultured with the addition of lipopolysaccharide (LPS; 100 ng/mL) and without LPS (control cells)**

Synoviocytes	Detection of genes		Expressed		Not expressed		Marginal	
	Signal Mean	Intensity Maximum	Mean signal intensity	Genes No. (%)	Mean signal intensity	Genes No. (%)	Mean signal intensity	Genes No. (%)
LPS	1,774	22,917	2,576	2,142 (68)	87	982 (31)	176	38 (1)
Control	1,806	27,509	2,684	2,092 (66)	85	1,029 (33)	226	41 (1)

[0126] Data from triplicate replicates of each condition (LPS-treated or control synoviocytes) were used to calculate the mean value. Scatter plots of the mean intensity signals of the LPS-treated and control synoviocytes were created (Figure 3). Although the total number of genes expressed was similar for both conditions, 752 genes were up-regulated and 877 were down-regulated in response to LPS. Among them, several genes had at least a 5-fold change in expression (84 genes were increased and 18 genes were decreased; Table 6). These data were used to create an expression pattern for LPS stimulation of synoviocytes that consisted of 102 genes.

**Table 6 — Genes differentially regulated (> 5-fold change) in response to addition of LPS to cultures of equine synoviocytes**

Change	GenBank Accession number of Equine Sequence	Full or Provisional annotation	GenBank Accession number of Blast Annotation
164.24	CD536631	GRO2 oncogene	XM_003510
136.67	CD469327	Tumor necrosis factor, $\alpha$ -induced protein 6	NM_007115
130.48	AF053497	Equine melanoma growth-stimulatory activity homolog	AF053497
108.17	CD468799	GRO3 oncogene	XM_031287
106.81	AF148882	Equine matrix metalloproteinase 1 precursor	AF148882
52.83	BI960809	Tumor necrosis factor-stimulated gene 6 protein	AJ421518
47.09	CD464860	Pentaxin-related gene	BC039733
30.46	CD535167	Nuclear factor of $\kappa$ light polypeptide gene enhancer	BC004983
29.64	BM734883	Chemokine (C-C motif) ligand 7	NM_006273
28.71	BI961093	Unknown	NM_025079
28.55	BM735056	Interferon regulatory factor 1	XM_034862

Change	GenBank Accession number of Equine Sequence	Full or Provisional annotation	GenBank Accession number of Blast Annotation
28.55	BI961535	Interleukin-8	XM_170504
27.82	CD469032	Phosphodiesterase 7A	XM_037534
25.35	AY040203	Equine granulocyte-macrophage colony-stimulating factor	AY040203
22.51	BM780597	CCAAT-enhancer binding protein	XM_171180
21.73	CD536763	Baculoviral IAP repeat-containing 3	XM_040715
20.73	CD468301	Nuclear factor of $\kappa$ light chain gene enhancer	BC046754
19.8	CD528418	Prostaglandin endoperoxide synthase-2	D28235
19.11	CD466440	PP2135 mRNA	AF193048
18.89	BI961945	Unknown	XM_040715
18.27	CD468265	Interleukin-8	XM_170504
18.01	BI961101	Chemokine (C-C motif) ligand 7	NM_006273
15.46	CD535316	Interleukin-8	XM_170504
15	CD528575	Amyloid beta (A4) precursor protein-binding, family B	NM_019043
14.56	M27462	Equine chorionic gonadotropin $\alpha$ -subunit	M27462
14.21	CD464433	Embigin	XM_170912
14.21	BM781439	Chimerin	NM_001822
13.28	BI961389	KIAA0882 protein	XM_093895
13.05	AJ319906	Equine fibroblast growth factor 2	AJ319906
12.7	BM735054	FAM14A	NM_032036
11.99	BM734850	Ubiquitin-like protein ISG15 mRNA	AY168648
11.57	BM734511	PrP gene	X83416
10.96	BM735123	Hypothetical protein FLJ23231	NM_025079
10.85	AF027335	Equine prostaglandin G/H synthase-2 gene	AF027335
10.79	CD536086	Tumor necrosis factor, $\alpha$ -induced protein 3	AA661080
10.51	CD466465	Interleukin-1, $\alpha$	NM_000575
10.45	BM781319	Cyclin D2	NM_001759
10.44	AF027335	Equine prostaglandin G/H synthase-2 gene	AF027335
10.43	BI960863	Tumor necrosis factor, $\alpha$ -induced protein 6	NM_007115
10.3	BM735029	Interferon-induced transmembrane protein 1	BC000897
10.18	CD464478	Similar to embigin	XM_059649
10.17	AF203913	Equine steroidogenic factor 2	AF203913
10.16	CD536074	Interferon regulatory factor 1	XM_034862
10.02	CD468537	Unknown	CD468537
9.02	AF038127	Equine dermatan sulfate proteoglycan II	AF038127
8.87	CD464576	Interleukin-8	XM_170504
8.81	BM735098	Gila maturation factor, $\gamma$	NM_004877
8.75	BM781374	Fibulin 1	BC022497
8.68	CD535463	$\rho$ GDP-dissociation inhibitor 2	E69549
8.64	CD465406	KIAA0882 protein	XM_093895
8.02	BM735336	Unknown	AK090519
7.86	BM734930	Unknown	BC012423
7.81	AY114351	Equine granulocyte chemotactic protein 2	AY114351
7.24	CD536651	Unknown	BC036098
7.2	BI961242	Colony-stimulating factor 3	NM_172219
7.16	CD466975	Unknown	BD109582
6.93	CD535197	NORE1 protein	NM_031437
6.8	CD467520	Cyclin D2	NM_001759



Change	GenBank Accession number of Equine Sequence	Full or Provisional annotation	GenBank Accession number of Blast Annotation
6.78	BI961361	KIAA0882 protein	XM_093895
6.76	CD536618	Cyclin D2	NM_001759
6.6	BI961105	PRG1 gene	X96438
6.56	CD469180	FLJ00024 protein	AK024434
6.56	BI961594	Tumor necrosis factor, $\alpha$ -induced protein 6	NM_007115
6.41	CD468109	$\alpha$ -2-microglobulin gene	□□□□□
6.41	CD536657	Guanylate binding protein 1	NM_002053
6.21	CD469026	Epithelial stromal interaction 1	NM_033255
6.11	AF503365	Equine granulocyte colony-stimulating factor	AF503365
6.11	BM780519	Serine (or cysteine) proteinase inhibitor	NM_000062
6.03	CD472099	Junctional adhesion molecule 1	NM_144504
5.97	CD464893	Immediate early response 3	NM_003897
5.9	BI961310	Chemokine (C-X-C motif) ligand 5	NM_002994
5.86	CD464588	B-cell CLL/lymphoma 3	NM_005178
5.57	CD536610	Unknown	BC036098
5.53	AY005808	Equine toll-like receptor 4	AY005808
5.49	CD471341	MHC class I antigen HLA-A	U03754
5.47	CD468091	Unknown	CD468091
5.46	CD469607	Hypothetical protein FLJ39885	NM_152703
5.4	CD528897	N-myc (and STAT) interactor	BC001268
5.38	BM735180	Unknown	AX466510
5.31	CD467650	Unknown	CD467650
5.24	BI960830	Interferon regulatory factor 1	XM_034862
5.22	BI961018	Immediate early response 3	NM_052815
5.06	CD465968	Kinesin family member 5B	BC009353
5.04	CD528326	Neutrophil cytosolic factor 1	XM_170516
-5.29	BM734828	Dudulin 2 (FLJ10829), mRNA	NM_018234
-5.38	CD466561	PDZ and LIM domain 2	NM_021630
-5.55	BI961715	Unknown	BC019236
-5.64	BM780462	3'-phosphoadenosine 5'-phosphosulfate synthetase 2	AF160509
-5.74	CD469298	Unknown	XM_041375
-6.1	BM735590	Unknown	BC010959
-6.32	AJ319907	Equine fibroblast growth factor receptor	AJ319907
-6.58	BI961854	Heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	NM_006041
-6.73	CD528599	Transcription elongation factor A	XM_114075
-7.3	CD528582	Ribonuclease, RNase A family, 4	NM_002937
-7.31	BM780574	Metallothionein 2A	BC007034
-10.22	CD466107	Inositol 1,3,4-triphosphate 5/6 kinase	NM_014216
-11.11	BM735117	Unknown	BC027258
-12.02	CD468788	Unknown	CD468788
-12.11	BM780841	E74-like factor 1	NM_172373
-18.18	BI961458	Smcx homolog	NM_004187
-18.94	CD535871	Eukaryotic translation initiation factor 2, subunit 3 $\gamma$	NM_001415
-27.75	L42623	MHC class I mRNA	L42623

\*Refer to Genbank (Available at [www.ncbi.nih.gov](http://www.ncbi.nih.gov). Accessed on 06/15/03) for more information on the names and abbreviations of the provisional annotation genes.

[0127] **Discussion**

[0128] In the study reported here, we used a computer-based approach to create a gene expression microarray for a particular species. We then constructed and tested the performance of an equine species-specific microarray. Genetic information has been increasing dramatically since the development and use of expression microarrays; however, algorithms to examine the 3' biased sequences have not been described to assist with generating ideal sequences for use on these arrays. Our goal was to curate all quality equine sequence data and prune the number of sequences to generate unduplicated annotated sequences for an optimized array. Our approach involved 2 major steps: identification of the 3' CDs and 3' ESTs and subsequent annotation of the sequences. For our algorithm, the 3' equine CDSs were identified by selecting the full and partial CDSs that had a stop codon at the 3' end. This approach ensured that sequences selected were anchored to the 3' end. Most would contain the 3' untranslated region (UTR), which is more species-specific, compared with the coding region (Affymetrix. *Genechip CustomExpress array design guide*. Available at: [http://www.affymetrix.com/support/technical/other/custom\\_design\\_manual.pdf](http://www.affymetrix.com/support/technical/other/custom_design_manual.pdf). Accessed 12/15/03). Because the UTR is found in many mRNA samples isolated by use of poly-dT primers, species-specific sequence heterogeneity in the UTR enhances the accuracy of species-specific arrays (Higgins MA et al., *Toxicol Sci* 2003; 74:470–484). Polymerase activity fades toward the 5' end;

thus, it would be possible to have a portion consisting of the UTR and none of the CDS in the processed mRNA samples. Therefore, use of the UTR sequence in probe design is an asset for improvement of microarray accuracy.

[0129] We chose to perform an algorithm analysis for the partial equine CDSs and ESTs with those in a human-mouse CDS database we created, rather than a nonredundant database available at NCBI. Our human-mouse CDS database was actually a subset of the nonredundant database and consisted of annotated human or mouse CDSs. Results of the algorithm on the basis of comparison with the annotated human or mouse CDS database would be more useful in determining the equine EST annotation and sequence orientation. Our human-mouse CDS database was much smaller than the nonredundant database, and the computing time was tremendously reduced for the algorithm.

[0130] Quite often, a single gene may be represented by several sequences, each with a unique public database accession number. The same gene may be sequenced and deposited by several laboratory groups, or the gene sequences may initially be deposited into the public database as partial CDSs, and subsequently be deposited again as complete sequences. Therefore, multiple sequences, although each with a unique accession number, will actually represent the same gene. To solve this problem, cluster programs have been designed to reduce sequence duplicates. Our cluster program models a program from the NCBI (Pontius JU et al., In: NCBI Staff, eds. *The NCBI handbook*. Bethesda, Md: National Center for Biotechnology Information; 2003;21.1-21.12). Alternatively, we could have used that NCBI cluster program,

or other programs could have been incorporated into our algorithm. We chose a high filter of 95% for CDS to reduce the risk of losing fully annotated, separate, but closely related, genes (e.g., calcitonin gene related peptide I and II). We also chose a relatively high filter of 90% for ESTs to reduce the risk of duplicates and maximize the space available on the microarray to enable us to include as many genes as possible.

[0131] To maximize the number of candidate genes that could be selected for the microarray, all 3' sequences (or close to 3' sequences) were identified. Because transcript sequencing was performed on many cDNA libraries by use of oligo-dT primers in the first-strand cDNA synthesis (Weiss GB et al., *J Biol Chem* 1976;251:3425–3431; Hagenbuchle O et al., *J Biol Chem* 1979;254:7157–7162), the sequence information from these ESTs contained the polyA tail only when the sequencing process reached to the 3' end. However, when the sequencing was initiated at the 5' end and stopped in the middle, the obtained sequence information may not have included the polyA tail, although it may have been extremely close to the 3' end. Therefore, ESTs characterized as no polyA may not necessarily mean that they did not contain a polyA or that the polyA was close to the 3' end. To capture these sequences, ESTs were selected that claimed those with and without polyA to maximize the pool of candidate 3' ESTs. The pool of sequences that did not contain the 3' end were subsequently analyzed by use of an algorithm and compared with our human-mouse CDS database to locate the sequence position relative to the 3' end. Any sequences within 500 bp of the 3' end of the matched sequence were also included as a candidate for inclusion on the microarray.

[0132] The ESTs are short sequences that represent only fragments of genes or incomplete CDSs, and they may be in a sense or antisense orientation. Therefore, a major effort and emphasis was focused on how best to annotate these ESTs. In fact, we initially annotated the equine ESTs by use of an algorithm by comparison with the nonredundant database of the NCBI (data not shown). However, there were an overwhelming number of possible matches identified between the ESTs and sequences without much useful information because the matches were with chromosomal sequences, such as cDNA clones. Therefore, analysis by use of the algorithm was modified by creating our human-mouse CDS database that contained more concentrated annotated human and mouse CDSs. As a result, approximately 92% of the ESTs had matches in the algorithm analysis, and putative annotations were performed (Table 4).

[0133] This work is the first microarray accumulation of equine annotated genes and ESTs and all that are currently publicly available for horses. The equine gene expression microarray includes equine gene sequences that function in apoptosis, the cell cycle, signal transduction, and developmental biological processes (Escribano J and Coca-Prados M, *Molecular Vision* 2002;8:315–332; Lo J et al. *Genome Res* 2003;13:455–466). This equine array was used to evaluate the gene expression pattern of equine synoviocytes and the response to LPS, which is an established signal molecule generated by gram-negative bacteria that can be used to assess microarray function. The microarrays reported here revealed gene expression patterns typical of other custom arrays (Higgins MA et al. *Toxicol Sci* 2003;74:470–484) and had

excellent reproducibility of performance ( $r, > 0.99$ ). Very few ( $< 4\%$ ) of the genes were expressed at such a low intensity that replicate arrays could not consistently distinguish an expressed gene from a nonexpressed gene, and all were at low to very low signal intensity (Figure 2).

[0134] Therefore, significant discrepancies in gene expression were not identified, and high accuracy for expressed genes among replicates is anticipated with this array. Investigations that place importance on genes with low or marginal expression should perform the microarrays in triplicate or validate findings by use of methods (e.g., quantitative real-time polymerase chain reaction techniques).

[0135] The gene expression rate of approximately two thirds or greater for the microarray reported here is greater than that for human (40% to 50%) (Affymetrix. *Technical documentation page. Technical note: design and performance of the GeneChip human genome U133 plus 2.0 and human genome U133A 2.0 arrays*. Available at: [http://www.affymetrix.com/support/technical/technotes/hgu133\\_p2\\_technote.pdf](http://www.affymetrix.com/support/technical/technotes/hgu133_p2_technote.pdf) . Accessed 10/15/03) and canine (28%) (Higgins MA et al. *Toxicol Sci* 2003;74:470–484) microarrays and is appropriate for sequences selected from multiple tissue libraries. These rates of expression will offer sufficient availability on the microarray for genes with no, low, or high expression. This permits evaluation for tissue-specific expression or manipulation experiments in which investigators want to optimize the detection of switched-on genes or genes that are not naturally expressed. This reveals a potential advantage of

sequence-based gene selection for microarrays, compared with use of tissue-specific microarrays, in the discovery of new genes.

**[0136] Example 3: Effect of LPS on Gene Expression as Measured on Microarray**

[0137] Addition of LPS at a concentration of 100 ng/mL to synoviocyte cultures induced large-scale upregulation of many genes, most notably TNF, IL-8, prostaglandin endoperoxide synthase 2, nuclear factor kappa, interferon, and matrix metalloproteinase-1 (Table 6). Similar inflammatory genes (e.g., ILs, TNF, and cyclooxygenase-2 (a prostaglandin synthase)) reportedly increase with exposure to LPS (Hashimoto et al. *Scand J Infect Dis* 2003, 35:619–627; Rodgeron DH et al. *Am J Vet Res* 2001, 62:1957–1963). Understanding the interrelationships of these genes and unveiling the complexities and regulatory roles of these genes will require many additional studies.

[0138] Identification of a panel of 102 genes with altered expression in response to endotoxin documents the complexity of cellular signals. Up-regulation of toll-like receptor, oncogenes, IL-8, IL-1, TNF genes, interferon regulatory factor, prostaglandin endoperoxidase synthase-2, chemokine ligand, fibroblast growth factor 2, granulocyte chemotactic protein, colony stimulating factor, and similar proinflammatory molecules were anticipated. Interesting findings that will precipitate additional studies were the upregulation of chorionic gonadotropin and steroidogenic factors that may cross-communicate with stress-induced genes. Additionally, genes associated with adhesion (e.g., junctional adhesion molecule, dermatan sulfate, and heparan sulfate sulfotransferase) may be associated, assuming it happens in other equine cells,

with the induction of cell adhesion classically associated with peripheral margination of WBCs in horses exposed to LPS (Palmer JL and Bertone AL, *Equine Vet J* 1994;26:492–495). Analysis of our results identified a gene expression panel associated with LPS challenge exposure.

[0139] Use of the microarray to identify a subset of gene sequences highly sensitive and accurate in detecting synovial cell reaction to LPS inflammation.

[0140] For this experiment we cultured in monolayer, using techniques described elsewhere in this document, normal synovial cells from three horses. After growth to confluence the cells were exposed to 6 concentrations of LPS-*Escherichia coli* 055:B5 at 6 doses for 2 hours (0.01, 0.1, 1.0, 10, 100 and 1000 ng/ml). Experiments were run in triplicate. Cells were harvested at 24 hours and RNA extracted as described previously in this document for synovial cells and processed on the microarray. There were many genes that were identified to be up-regulated by the LPS across many of the doses, many that were duplicated across dosages of LPS. In final analysis, there were five genes that were up-regulated in all dosages except the lowest dose and followed a pattern that was correlated to dose; as LPS dose went up, the induction of gene expression went up. These five genes represent a very accurate signature for LPS joint inflammation at any dose and highly sensitive to detection of the gene changes. (Table 7.)



Table 7 – Signature Genes for LPS Joint Inflammation

GenBank Accession Eq. Sequence	Full or Provisional Annotation	Dose LPS ng/mL Fold-Change					
		0.01	0.1	1.0	10	100	1000
CD536631	GR02 Oncogene	-	8	7	10	164	15
AF053497	Equine melanoma growth-stimulatory activity homolog	-	3.5	4.3	11	130	15
CD468799	GR03 oncogene	3	9.8	8.5	21	108	34
BM734883	Chemokine (C-C motif) ligand 7	-	4.3	3.7	24	30	16
BL961535	Interleukin-8	-	5	5	18	29	28

**[0141] Example 4 – Validation of the Microarray with RT-PCR**

[0142] The performance of the array was also validated by comparison to quantitative real-time reverse transcription polymerase chain reaction (RT-PCR; ABI PRISM 7000™ Sequence Detection System by Applied BioSystems, Foster City, CA) using an equine synoviocyte LPS model of cell stimulation. Total RNA was extracted from synoviocytes using a commercially available kit (RNEasy®, QIAGEN, Inc. , Valencia, CA) that had been stimulated with 100ng or 1000ng of LPS in our published manner (Gu and Bertone, AJVR: 65;12:1664-1673, 2004). Reverse transcription of total RNA to complementary DNA (cDNA) was performed by adding random hexamers and a 10-mM deoxynucleotide triphosphate (dNTP) mix to each total RNA sample and heating to 65°C for 5 minutes. Samples were then placed on ice and subjected to a single, brief pulse centrifugation at 4°C. A commercially available buffer (250 mM Tris-HCl, 375 mM KCl, 15 mM MgCl<sub>2</sub>), RNase inhibitor, and 0.1M dithiothreitol (DTT) (Invitrogen Corp., Carlsbad CA) were added to each sample and the contents of each tube were gently mixed. Samples were incubated at room temperature for 10 minutes, then at 37°C for 2 minutes. Moloney murine leukemia virus reverse transcriptase (Invitrogen; 200 units, diluted in 3 µl of RNase-free water) was added to each sample. Samples were mixed and incubated at 37°C for 50 minutes. The reaction was inactivated

by heating samples at 70°C for 15 minutes. Resulting cDNA samples were frozen at -20°C.

[0143] The mRNA sequences for the genes tested (See Table 8) were amplified by the 5'-nuclease assay, using sequence specific probes labeled with the fluorescent reporter dye 6-carboxyfluorescein (FAM) on the 5' end of the probe and the quencher dye 6-carboxytetramethylrhodamine (TAMRA) on the 3' end of the probe to quantify accumulating accumulating PCR product in real time. Taqman® Universal PCR Master Mix, Assays-on-Demand Gene Expression Array Mix™ (containing the forward primer, reverse primer, and labeled probe for each amplicon) were added to each cDNA sample, which was diluted in RNase-free water to yield a total reaction volume of 50 µl. The thermal cycling parameters were as follows: 2 minutes at 50°C, 10 minutes at 95°C, and 40 cycles between 15 seconds at 95°C and 1 minute at 60°C. Other techniques for the isolation and processing of RNA for RT-PCR could be used. Samples were processed and analyzed by these two gene expression techniques, the microarray and RT-PCR.

[0144] The data in Table 8 below demonstrates that the fold change in gene expression was similar quantified similarly by both RT-PCR and microarray methods.

TABLE 8	Synoviocytes Stimulated 100 ng/mL LPS			Synoviocytes Stimulated 1000 ng/mL LPS		
	TNF- protein 6	IL- 1	PG peroxide synthase	TNF- protein 6	IL- 1	PG peroxide synthase
Microarray Fold- Change	5	16	3	6	34	3
RT-PCR Fold- Change	6	155	2	10	290	4

**[0145] Example 5 – Equine-Specific Large-Scale Gene Expression Analysis of Developmental Bone Diseases**

[0146] Developmental Orthopedic Disease (DOD) represents a group of bone diseases that manifest during growth and development and include articular dyschondroplasia (osteocondrosis dessicans, OCD) and cervical vertebral malformation (CVM). The underlying pathogenesis is altered endochondral ossification of mineralizing cartilage. Site-specific clinical syndromes result. Abnormalities at the articular growth front result in a dyschondroplasia called osteochondrosis dessicans (OCD) or intra-articular cartilage flaps with abnormal underlying bone. The incidence of articular osteochondrosis is increasing and the condition is present in the horse population at high levels (10-25%). OCD induces arthritis and lameness and is usually treated surgically. The hock and stifle are the most common joints affected. Abnormalities of vertebral growth result in narrowing of the cervical vertebral canal in combination with malformation of the vertebra. The result is spinal neurologic disease characterized by ataxia and weakness.

[0147] The syndrome is termed cervical vertebral stenotic myelopathy (CVM) and is treated with anti-inflammatory medication, nutritional support, and, in selected cases, surgical cervical fusion. CVM is the leading cause of noninfectious spinal cord ataxia in the horse and affects 2% of the Thoroughbred population. Both conditions are distributed internationally, in multiple breeds and usually manifest in the young growing horse. Studies supporting a genetic predisposition to both conditions, and unique biochemical and molecular features of osteochondrotic cartilage in horses, suggest that evaluation of gene expression

will be a productive approach to identifying the presence and predisposition to this disease. The use of microarrays for gene expression studies and diagnostics is becoming well established. The use of a species-specific microarray is of critical importance for accurate biomarker identification and monitoring of highly specific markers. In cross-species hybridization on microarrays, even single nucleotide mismatches can alter the detectable gene expression and relative intensities resulting in erroneous conclusions. Affymetrix is a recognized manufacturer of large-scale microarray technology that is sensitive, specific, and highly repeatable.

[0148] In this Example, we describe how to quantify and bioinformatically analyze gene expression alterations associated with two of the most common developmental orthopedic diseases in young horses, articular dyschondroplasia (osteochondrosis dessicans, or OCD) and cervical vertebral malformation (CVM). Gene expression markers were identified that uniquely identified the presence of these disease conditions (a signature). This example describes the construction of a bioinformatic tool that can predict, diagnose, and monitor therapy of these conditions. First, gene expression has been bioinformatically profiled to identify a gene expression signature for OCD and/or CVM (two forms of DOD) for use as a diagnostic tool.

[0149] To determine a gene expression profile for DOD, we collected, in 2002, data on a preeminent Kentucky thoroughbred farm (> 100 foals/year) in collaboration with the farm veterinarians. Thirteen yearlings with OCD and 7 age- and sex-matched yearlings (within a month of age); and 6 weanlings with CVM, 3 weanlings with CVM affected siblings, and 4 age and sex match control

weanlings were selected for the study and their medical records evaluated by a veterinarian, copied for this study and filed. All OCD horses had either stifle or hock OCD, diagnosed by radiographic lesion and the presence of affected joint effusion, that was classical for the disease. All horses with CVM had cervical spinal radiographs and a myelogram that confirmed spinal cord compression and classical malformation of the vertebrae typical of the disease. All horses with CVM had a complete neurologic examination performed previously and were neurological. Additionally all CVM horses were evaluated by a veterinary neurology specialist at the time of sample collection and showed neurological signs. All control horses had similar radiographs that were normal, had no history of joint effusions or lameness or neurologic signs and did not have any signs at the time of sample collection.

[0150] Blood was drawn by two veterinarians into three heparin tubes, placed on ice, and immediately carried to Bertone's lab for processing. Alternatively, other samples could have been obtained and similarly analyzed such as synovial fluid from the joints or cerebral spinal fluid. Blood samples from all horses yielded high quality RNA from blood (O.D. 260/280 >2.0) that was frozen at -80°C. The investigators collected and copied all clinical data including radiographs, myelograms, lameness, and neurologic examinations and filed them for the study. Gene expression analysis using the equine-specific microarray, prepared as described elsewhere in this document, was performed on five DOD horses and five matched control horses.

[0151] For these studies, cells from these blood cells were isolated by centrifugation (and manual buffy coat fractionation and subsequently batch

processed for ribonucleic acid (RNA) extraction, cDNA synthesis, in vitro transcription, RNA amplification and fragmentation, and RNA fluorolabeling as per the GeneChip Expression Analysis Technical Manual, Affymetrix, Inc., 2001. All equipment (Affymetrix hybridization chamber, fluidics station, and computer workstation and software) are publicly available.

[0152] For blood samples, the RNA was extracted from the white blood cells in the buffy coat by the standard method already described for synoviocytes. Blood was collected as plasma in heparin tubes to prevent clotting and consumption of cells. After centrifugation of the blood for 10 minutes (4°C), the white buffy coat layer at the junction of plasma and packed red cells was removed carefully with a pipette and placed in RNAase free tubes and kept on ice. Buffy coat cell RNA was extracted by Trizol homogenization. Cells were suspended and homogenized/vortexed in 1ml cold Trizol reagent for 15 seconds. 100 µL of Chloroform was added and vortex-mixed until a creamy pink color. The preparation was spun at 14,000 RPM range can be 13,000-16,000G at 4°C for 15 minutes. The aqueous phase (clear fluid on top) was removed in 100-µL aliquots and put in a new RNA free chilled tube (200-300 µL total). This was done carefully to not disturb the interface where DNA accumulates. 1.5-2X isopropanol was added to aqueous phase, vortex mixed and RNA precipitated at -80°C for at least 30 minutes. After thawing to room temperature and tube inversion mixing, tubes were spun at 14,000G at 4°C for 30 minutes to localize the precipitated RNA at the bottom of the tube. Isopropanol was decanted and the tube towel dried for 15 minutes. The RNA pellet was redissolved in 15-25 µL of RNase-free water. The optical density concentration of RNA is measured using 2 or 4 µL of

sample to 1 ml water in cuvette and reading in a spectrophotometer at 260 nm wavelength. Reading is the concentration of RNA in  $\mu\text{g}/\mu\text{L}$ .

[0153] RNA was then assessed for purity by gel electrophoresis or a bioanalyzer analysis before processing for use on the microarray. It was important to have RNA of the highest integrity when using microarray to study gene expression. Even partial degradation of RNA can result in bias of quantification of different transcripts due to the variability of messenger RNA degradation. High quality RNA was also necessary for successful *In Vitro* Transcription (IVT) reaction during the microarray protocol to produce biotin-labeled RNA. Running total RNA in capillary electrophoresis (bioanalyzer analysis) was the most effective test for RNA quality. Capillary electrophoresis was performed using the Bioanalyzer 2100 (Agilent) and prominent 18S and 28S rRNA peaks showed high integrity of RNA (see Figure 4). High-quality total RNA was extracted using the Trizol technique.

[0154] In some cases, the RNA was visualized for quality by electrophoresis in a 1.0% agarose gel stained with 3  $\mu\text{g}/\text{mL}$  of ethidium bromide (Sigma). Gel electrophoresis was conducted at 100 volts for 30 minutes. RNA was visualized using ultraviolet transillumination (Spectroline<sup>®</sup> ultraviolet transilluminator, Spectronics Corporation, Westbury, NY) in a commercially available gel documentation system (Kodak EDAS 290, Eastman Kodak Company, Rochester, NY) and dedicated software (Kodak 1D Image Analysis Software, Version 3.6.0).

[0155] Labeled RNA was hybridized to equine species-specific high density DNA probes and scanned for gene expression intensity using an Affymetrix Gene

Expression System and the equine custom microarray described in Example 1. Briefly, the resuspended total RNA was reverse transcribed into copy single stand DNA (cssDNA) using Superscript II reverse transcriptase (Invitrogen, Inc) and T7-(dT)<sub>24</sub> primers (Affymetrix, Inc). Biotinylated copy RNA (cRNA) was formed using a Bioarray T-7 Polymerase Labelling Kit (Enzo, Inc) and then fragmented before hybridization on the GeneChip. An overnight hybridization was followed by washing and staining of the microarray with phyocerythrin. The phyocerythrin only fluoresces with cRNA that hybridized with the probe on the GeneChip. Signal intensity was then detected and measured by the microarray scanner and results were analyzed by bioinformatics software.

[0156] This equine gene expression microarray represents 3,098 equine genes that contain a bias for musculoskeletal relevance. Over 360 genes represent cell signaling functions, 322 are enzymes, 154 in protein synthesis, 375 in RNA/DNA binding including transcription factors, 193 in cell differentiation including developmental protein function, and 24 in apoptosis pathways. All known relevant genes to OCD in horses, such as PTHrP, Indian hedgehog, bone morphogenetic proteins, and receptor-activated nuclear factor kappa  $\beta$  ligand (RANK L) are on the array.

[0157] Bioinformatic analysis of gene intensity data by cluster analysis and comparisons among groups (OCD/CVM vs control; was performed using, initially, Affymetrix Microarray Suite Software packages, Microarray Suite (MAS) 5.0, MicroDB, and Data Mining Tool (DMT) 3.0. Probe level data was further analyzed using dChip software Li, C., and W. H. Wong. 2003. DNA-Chip Analyzer (dChip). In The analysis of gene expression data: methods and software. G. Parmigiani, E.



S. Garrett, R. Irizarry, and S. L. Zeger. Springer-Verlag. Array normalization was performed using the invariant set procedure. Then, model-based expression indices (MBEI) were computed using the perfect match only model.

[0158] Genes that were significantly up- or down-regulated in DOD are listed below from the most sensitive genes to least sensitive genes to represent equine DOD. These genes, individually or in subsets of 5, 10, or 13 genes, can represent DOD to a greater or lesser accuracy and sensitivity. Due to the tight selection of control horses, these represent a direct marker of DOD.

**Table 9**

	Parametric p-value	Norm	OCD	Fold Change	Unique id	Gene Name
1	9.21e-05	1567.2	542.9	2.887	GBEQ1361	Interferon –induced protein
2	0.0001637	1339	858.5	1.56	GBEQ3012	NFAT-activation molecule
3	0.0003515	1051.4	734.1	1.432	GBEQ2386	tumor differentially expressed gene
4	0.0008141	1297.1	847.4	1.531	GBEQ3111	
5	0.0008758	1532.3	982	1.56	GBEQ0534	Receptor retinoic acid
6	0.001096	286.9	169.5	1.693	GBEQ3177	
7	0.0013346	532.8	306.5	1.738	GBEQ3110	
8	0.0014709	1173.2	1645.1	0.713	GBEQ1535	Dendritic cell protein
9	0.0015773	1345.8	845	1.593	GBEQ0169	Horse serpin M91161
10	0.0015997	2145.5	1525.9	1.406	GBEQ3006	
11	0.0018568	1296.4	890.8	1.455	GBEQ0033	Natural resistance macrophage associated protein
12	0.0019245	256.1	182.8	1.401	GBEQ1928	retinoid inducible serine carboxypeptidase

[0159] In summary, the use of the microarray has created a method to evaluate blood of horses and identify the presence of DOD.

**[0160] Example 6 – Identification of Gene Expression Profiles for Equine Osteoarthritis**

[0161] The goal of this Example was to determine a gene expression profile to identify osteoarthritis (OA), and therefore produce a gene expression

signature for OA using horse samples. Osteoarthritis is one of the most significant causes of locomotor morbidity in horses and humans, with an increasing prevalence in an ageing society. To date, inflammatory and degradative pathways associated with OA have been studied in isolation. Current microarray technology permits identification and classification of cartilage molecular phenotype in large scale and can be used to unveil the complexities of the degradative pathways and discover potential intervention points for disease-curtailling therapy.

[0162] Briefly, horses were screened for OA by clinical inclusion criteria and placed into normal or OA groups. Articular cartilage of the distal metacarpal condyle was digitally photographed and harvested for mRNA analysis and histological grading. Total RNA was processed and placed on the equine gene expression microarray (Example 1). Genes with significant increases and decreases in gene expression in OA as compared to normal articular cartilage were identified as profile gene candidates. Genes were identified that changed in accordance with OA and represent an OA gene expression signature. See Tables below.

[0163] Specific Aims:

[0164] Large-scale gene expression profiling has not been applied to the study of equine osteoarthritis (OA). Although molecular pathways in OA have been studied in isolation, large scale bioinformatic analysis of gene expression has not been used to unveil the complexities of the degradative pathways. Our hypothesis is that there will be a sub-set of genes with significant up- and down-regulation in osteoarthritic cartilage as compared to disease-free cartilage. The

experimental and specific aims of this Example are: 1. to grade the histological extent of cartilage degeneration in OA and matched normal equine metacarpophalangeal (MCP) joints; and 2. to identify genes with significant changes in gene expression in OA as compared to age and site matched normal cartilage.

[0165] Significance:

[0166] OA is a significant cause of morbidity in a multitude of equine sports disciplines and has been cited as the most economically important musculoskeletal disease in performance and pleasure horses (McIlwraith CW. General pathobiology of the joint and response to injury. In *Joint disease in the horse* (1996) Eds McIlwraith CW, Trotter GW. Pub: W. B. Saunders Company; Frisbie DD, McIlwraith CW. Evaluation of gene therapy as a treatment for equine traumatic arthritis and osteoarthritis. (2000) *Clinical Orthopaedics and Related Research*. 379 (S); S273-S287). Treatment of OA in humans is a billion-dollar industry. OA affects more than 70% of people over 65 years of age in the United States. (American Academy of Orthopedic Surgeons, 2002; [www.aaos.org](http://www.aaos.org)) Therapeutic intervention in any species is impeded by the inability to target agents directly to the joint with the majority of treatments being directed toward reducing the pain associated with OA. The symptomatic relief afforded by protocols such as non-steroidal and steroidal therapy is often associated with undesirable side effects (McIlwraith CW. General pathobiology of the joint and response to injury. In *Joint disease in the horse* (1996) Eds McIlwraith CW, Trotter GW. Pub: W. B. Saunders Company; Murray RC, DeBowes RM, Gaughan EM, Zhu CF, Athanasiou KA. The effects of intra-articular methylprednisolone and

exercise on the mechanical properties of articular cartilage in the horse. (1998) *Osteoarthritis and Cartilage*. 6; 106-114), most notably suppression of cartilage metabolism and healing.

[0167] To facilitate the development of more effective treatment regimens and selection of new therapeutic targets, it is imperative that a greater understanding of the pathophysiology of OA is obtained. Although the disease process affects the entire joint structure, including the synovial membrane, subchondral bone, ligaments and periarticular muscles, the hallmark of destruction, and the irreversible changes, occur in the articular cartilage (Malemud CJ et al. (2003) *Cells Tissues Organs* 174: 34 – 48). Many of the etiological factors responsible for the initiation of disease, such as trauma and wear, is related to the breakdown of the extracellular macromolecules and release of breakdown products from articular cartilage into the synovial fluid. Cartilage macromolecules have been demonstrated to have significant immunogenic properties (Pelletier JP et al. (2001) *Arthritis & Rheumatism* 44: 6; 1237-1247). Furthermore, it is increasingly appreciated that chondrocytes have the capacity to produce a variety of cytokines and mediators associated with inflammation, such as prostaglandins, nitric oxide, interleukin-1 $\beta$ , -6 and -8, the matrix metalloproteinases and tumor necrosis factor  $\beta$ . Some of the extracellular matrix genes of particular interest include Types I, II, III, IX, XI, XII and XIV collagens, proteoglycans, aggrecan, decorin, biglycan, Cartilage Oligomeric Protein and Cartilage Matrix Protein, all of which are on the equine microarray (Sandell LJ (2000) *Clinical Orthopaedics and Related Research* 379(S); S9-S16). A limited number of these genes have been studied extensively. However,

methods previously available, including reverse transcriptase polymerase chain reaction (Dumond H et al. (2004) *Osteoarthritis and Cartilage* Apr:12(4); 284 – 295; Gelse K et al. (2003) *Osteoarthritis and Cartilage* Feb:11(2); 141-148) and in-situ hybridization (Gehrsitz A et al. (2001) *Journal of Orthopaedic Research* 19; 478-481), have resulted in limitations of the number of genes investigated. The simultaneous analysis of thousands of genes under identical conditions using microarray technology will provide the initial opportunity to explore the mRNA expression profile for equine OA cartilage.

[0168] Radiography and histology have historically been the standard methods of identifying the syndrome of OA in affected joints. Radiographic assessment of articular pathology, including osteophytes and enthesopathy, is an established method for the verification of osteoarthritis (Gelse K et al. (2003) *Osteoarthritis and Cartilage* Feb:11(2); 141-148). This is a relatively poor modality as sensitivity to articular degeneration is limited to detection of bony pathology, not cartilaginous change. Histological grading systems of articular cartilage are the “gold standard” for classifying OA and have been extensively used throughout human and veterinary literature to document the severity of disease in affected cartilage (Mankin HJ (1971) *Journal of Bone and Joint Surgery* Apr:53(3); 523-537). We will use these established gold standards to clarify our genes of relevance to OA.

[0169] DNA microarray technology has been recently employed to identify the expression profiles in human derived chondrocytes (Aigner T. et al. (2003) *Journal of Bone and Joint Surgery* 85(A): 2; 117-123; Ochi K. (2003) *Journal of Human Genetics* 48: 177-182; Aigner T. et al. (2001) *Arthritis and Rheumatism*

44: 12; 2777-2789), and OA affected chondrocytes (Ochi K. et al. (2003) *Journal of Human Genetics* 48: 177-182; Aigner T. et al. (2001) *Arthritis and Rheumatism* 44: 12; 2777-2789). Improved understanding of the cellular events are obtained by mapping larger scale gene expression changes that take place with the natural OA condition. Expression profiling permits the classification of genes by biological function, allowing the researcher to analyze the transcriptome. Transcriptome analysis has been shown to be beneficial in human rheumatology by identifying genes with statistically significant changes of expression, thereby allowing the identification of novel proteins in the intracellular cascade typified in OA (Lequerre T. et al. (2003) *Joint Bone Spine* Aug;70(4); 248 – 256; Evans CH et al. (2004) *Gene Therapy* Feb;11(4):379-89). The potential for the discovery of novel biomarkers of disease, and thus new therapeutic targets, is an attractive goal for all researchers. Simultaneous investigations involving human and equine gene expression profiles are mutually advantageous providing shared knowledge of technical tools and interpretation approaches.

[0170] Until recently it has not been possible to produce an expression profile of equine cells because a species-specific large scale microarray was not available. Our equine DNA gene expression microarray permits the quantification of the simultaneous response of 3,098 equine genes to a disease, therapy, or experimental manipulation (Gu W, Bertone AL. Curation, pruning and annotation of the public equine nucleotide database to generate an equine gene expression microarray. (2004) *American Journal of Veterinary Research* Manuscript In Press). This equine gene expression microarray offers an unprecedented opportunity to identify new cytokines active in the disease process, facilitating the

understanding of the pathologic mechanisms of fundamental importance to the human and animal medical communities.

[0171] Increasing knowledge of the pathogenesis of OA has focused on alterations at the molecular level, leading to the advancement of intra-articular gene therapies. The emphasis has been predominantly on the transfer of genes whose products enhance synthesis of the cartilaginous matrix, or inhibit its breakdown (Evans CH (2004) *Gene Therapy* Feb;11(4):379-89).

[0172] In the field of rheumatic diseases, cellular modification by over-expressing anabolic factors, such as insulin-like growth factor-I or transforming growth factor beta, or inhibitors of catabolic cytokines or proteolytic enzymes has been shown to protect tissues from further destruction and stimulate tissue repair (van der Pouw Kraan TC et al. (2003) *Genes and Immunity* 4; 187-196). Studies in rabbit models have shown indicate that the intra-articular delivery of genetically modified synoviocytes incorporating the interleukin-1 receptor antagonist gene (IL-1RA) and interleukin-10 gene effectively targeted multiple inflammatory effectors, thereby reducing cartilage breakdown (Zhang X et al. (2004) *Journal of Orthopaedic Research* Jul;22(4):742-50). The use of IL-1RA gene transfer in an equine model of OA was found to result in clinical improvement and have beneficial effect on the histological appearance of articular cartilage (Frisbie DD et al. (2002) *Gene Therapy* Jan;9(1):12-20).

[0173] The affectivity of transgenes on tissue engineering relies on adequate test systems being available. It is essential that animal models used to study gene therapy and tissue engineering respond similarly to human tissue undergoing the same disease process (van der Kraan PM et al. (2004)

*Biomaterials* Apr;25(9):1497-504). The use of animal models to be reliably representative of human OA would be supported by verifying similar alterations in gene expression. Large-scale analysis of gene expression afforded by microarray technology will provide the opportunity to validate the use of equine models for future gene therapy investigations and potentially identify novel pathways that may be susceptible to modification in the treatment of OA in both human and animal patients.

[0174] Species Relevance:

[0175] The research is purposely oriented to the investigation of equine degenerative joint disease due to its prevalence and significance in both the equine athlete and companion horse. The equine species is chosen for the study to provide data that will be most representative of the population in question, thereby maximizing validity as no assumptions are made regarding cross-species genetic sequencing or biology. The gene expression technology utilizes equipment that is species specific, dedicated to facilitate the collection of accurate profiles. The identification of novel biomarkers of OA will be relevant to paralleled research in the human and canine fields.

[0176] Experimental Design:

[0177] a. Rationale: The equine metacarpophalangeal (MCP) joint has the largest number of traumatic and degenerative lesions of all joints of the appendicular skeleton (McIlwraith CW. General pathobiology of the joint and response to injury. In *Joint disease in the horse* (1996) Eds McIlwraith CW, Trotter GW. Pub: W. B. Saunders Company) and was selected due to the high



degree of morbidity affecting horses of all types and disciplines. The clinical signs and histologic signs of OA are classical for any species.

[0178] b. Experimental design:

[0179] Two MCP groups were identified: Group 1: unaffected joints (n=9) consisting of normal, healthy cartilage (control) of similar age horses as OA horses and Group 2: OA affected MCP joints (n=8). Inclusion criteria for the two groups were based on parameters of joint disease validated in previously described work (Ochi K et al. (2003) *Journal of Human Genetics* 48: 177-182; Aigner T et al. (2001) *Arthritis and Rheumatism* 44: 12; 2777-2789). In summary, control cartilage was grossly normal and harvested from sound horses with normal joint palpation and radiographs. OA cartilage was grossly abnormal and harvested from lame (grade 2/5) horses with abnormal radiographs, including osteophytes and joint space irregularity. All horses underwent lameness examination, MCP joint angle and circumference measurement and radiography.

[0180] Pre-Mortem Data:

[0181] Horses underwent a routine physical examination and basic hematology (packed cell volume, total protein). Horses with parameters outside of established normal ranges were not included.

[0182] **Lameness** scores were based on a scale of 1 – 5 (American Association of Equine Practitioners grading scale) 0. Lameness not detectable. 1. Lameness intermittent, detectable after distal limb flexion at the trot. 2. Lameness consistent when trotting. 3. Lameness detectable at the walk. 4. Severe lameness at the trot and walk. 5. Non-weight bearing at the walk.

[0183] **Goniometry** Pain-free range of motion was measured by use of a goniometer placed on the lateral aspect of the MCP joint. The mid portion was centrally located along the MCP joint, with one arm extending along the first phalanx and the other arm extending along the third metacarpal. The joint was flexed until resistance was met, evidenced by elevation of the horses head above the initial neutral starting position.

[0184] **Radiographic Examination** A standard series of radiographs (5 views) in the standing horse was assessed for presence of radiographic signs of OA by determining the prevalence of osteophytes, subchondral sclerosis and joint space narrowing (van der Kraan PM et al. (2004) *Biomaterials* Apr;25(9):1497-504).

[0185] **Circumferential Measurement** The circumference of each fetlock was measured using a flexible measuring tape placed around the widest aspect of the joint, with the tape passing palmar to the basal aspect of the sesamoids.

[0186] Euthanasia and Digital Photography:

[0187] Horses were euthanized with an intravenous overdose of pentobarbital. The MCP joint was opened and the distal aspect of MC3 was assessed grossly for cartilage quality. Close high resolution digital photography with set focal distance of 150mm documented the condition of the articular cartilage for erosions, score lines, osteophytes and surface fibrillations (Kirker-Head CA et al. (2000) *American Journal of Veterinary Research* 61(6):714-718). See Figure 5, which shows exemplary articular cartilage.

[0188] **Histology** Cartilage biopsy specimens were harvested from representative dorsal and palmar halves and fixed immediately in neutral-buffered

10% formalin, dehydrated, and embedded in paraffin wax. Sections were cut at 6µm, followed by HE and toluidine blue stainings as routinely described (Gelse K et al. (2003) *Osteoarthritis and Cartilage* Feb:11(2); 141-148). Slides were assessed blindly by 3 qualified individuals and allocated grades according to the descriptions below, adapted from the Mankin scoring system (Mankin HJ et al. (1971) *Journal of Bone and Joint Surgery* Apr:53(3); 523-537), and mean scores documented.

- a. Structure of articular cartilage through the radiate zone (0 – 4; 0= 0% surface irregularities; 1= 1-25% depth of surface irregularities; 2 – 26-50% depth of surface irregularities; 3 – 51-75% depth of surface irregularities; 4 – 76-100% depth of surface irregularities;
- b. Cells (0 – normal; 1 – 1-25% less cells; 2 – 26-50% less cells; 3 – 51-75% less cells; 4- 76-100% less cells)
- c. Matrix staining intensity (0 – normal intense staining; 1 – minimal reduction of staining; 2 – mild reduction of staining; 3 – moderate reduction of staining; 4 – marked reduction of staining)

**Table 10**

Sample	Structure	Evaluator 1		Structure	Evaluator 2	
		Hypo-cellularity	Matrix Stain		Hypo-cellularity	Matrix Stain
N9LD	0	0	0	0	0	0
N9RD	0	0	0	0	0	0
N11RD	0	0	0	0	0	0
N11RP	0	0	0	0	0	0
N13LD	0	0	0	0	0	0
N13LP	0	0	0	0	0	0
N14LD	0	0	0	1	1	0
N14LP	2	1	2	0	0	0
N14RD	0	0	0	0	0	0
N14RP	0	0	0	0	0	0
N15LD	0	0	0	0	0	0
N15LP	2	1	2	2	3	3
N15RD	0	0	0	0	0	0
N15RP	2	1	1	1	1	1
N16LD	0	0	0	0	0	0
N16LP	0	0	1	0	0	0
N16RD	0	0	0	0	0	0
N16RP	2	1	0	2	1	1
OA1RP	4	4	3	4	4	3
OA2LP	3	2	4	3	3	4
OA2RD	1	1	1	1	1	1
OA2RP	2	3	3	4	3	4
OA3LD	0	3	1	0	1	0

Sample	Structure	Evaluator 1		Structure	Evaluator 2	
		Hypo-cellularity	Matrix Stain		Hypo-cellularity	Matrix Stain
OA3RD	1	2	1	1	2	1
OA3RP	2	1	2	2	1	3
OA4LD	1	1	1	1	3	0
OA4LP	1	2	2	1	2	1
OA4RD	1	1	1	2	3	3
OA4RP	3	4	3	1	3	2
OA5LP	2	4	4	4	4	3
OA5RD	2	1	1	2	1	2
OA5RP	4	3	3	3	4	3

Structure	Evaluator 3	
	hypocellularity	matrix stain
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	1	1
0	0	0
0	0	0
0	0	0
2	2	2
0	0	0
2	1	1
0	0	0
0	0	0
0	1	0
2	1	1
4	4	2
3	3	4
1	1	1
3	3	3
0	1	1
0	0	1
2	3	3

Structure	Evaluator 3 hypocellularity	matrix stain
0	1	0
0	1	1
1	1	1
3	4	2
2	4	3
2	1	2
3	3	3

Code: N=normal, OA= osteoarthritic; R=right, L=left, D=dorsal, P=palmar, numeral = horse number

#### [0189] **Cartilage Harvesting For Array Analysis**

[0190] The articular cartilage from distal MC3 was successfully harvested and processed completely from 6 normal and 5 OA joints. The surface was split frontally into dorsal and palmar halves and aseptically harvested using sharp curettage for snap freezing in liquid nitrogen prior to storage (-80°C).

#### [0191] **RNA Isolation, Amplified, Fragmentation and Labeling**

[0192] Cartilage shavings were stored at -80°C until required for RNA isolation. Cartilage was ground under liquid nitrogen using a mortar and pestle as a novel method to avoid sample thawing as has been recommended (Simmons EJ et al., (1999) *American Journal of Veterinary Research* 60(1); 7–13). Each 1 mg of milled cartilage powder is mixed with 10 mL TRIZOL reagent (Life Technologies, Gaithersburg, MD) and homogenized with a rotor-stator tissue homogenizer for 1 minute prior to centrifugation (Baelde HJ et al. (2001) *Journal of Clinical Pathology* Oct;54(10):778-82). The liquid phase was incubated with chloroform for phase separation. RNA was then extracted using isopropanol precipitation and one step of ethanol washing. The RNA pellet was diluted in RNase and DNase free water and amount of nucleotide calculated by measuring

UV absorbance at 260/280 nm. The absorbance ratios at the different wavelengths identified if there was sufficient RNA yield or excessive sample contamination.

[0193] RNA analysis was assessed for quantity and integrity using the Agilent Bioanalyzer 2100 capillary electrophoresis unit to measure fluorescence bound to polynucleotides, ie high molecular weight RNA (OSU CCC Microarray Unit, [http://www.dnaarrays.org/rna\\_quality.php](http://www.dnaarrays.org/rna_quality.php)). The degree of fluorescence provided information on DNA or salt contamination sustained during extraction, and chondrocyte apoptosis as indicated by signal intensities of 28S and 18S rRNA.

Table 11: Sample of RNA extraction data

Harvest Site	A260/280 nm	RNA total yield $\mu$ G		Harvest Site	A260/280 nm	RNA total yield $\mu$ G
OA-01-RD	1.956	13.97		OA-03-LP	2.01	10.70
OA-01-RP	1.82	22.46		OA-03-RD	2.23	8.54
OA-02-LD	2.05	18.88		OA-03-RP	2.21	20.42
OA-02-LP	2.17	16.04		OA-04-LD	1.98	18.47
OA-02-RD	2.24	22.43		OA-04-LP	2.20	8.02
OA-02-RP	1.89	7.93		NO-09-LD	1.88	10.03
OA-03-LD	1.81	8.04		NO-09-LP	2.19	11.24

[0194] Subsequent RNA preparation was as detailed in the literature (Higgins MA et al. (2003) *Toxicological Sciences* Aug; 74(2): 470-84). Total RNA was reverse transcribed into double stranded cDNA using Superscript II (Invitrogen, Carlsbad, CA). Biotinylated cRNA is synthesized using Bioarray T-7 polymerase labeling kit (Enzo, Farmingdale, NY) and fragmented prior to overnight hybridization with the equine microarray GeneChip, followed by washing and staining with Phycoerythrin. Light is emitted from the fluorescent reporter group, the bound phycoerythrin, only when it is bound to the probe. Light

emitted from the perfect match oligoprobe, as compared to the single base pair mismatched oligoprobe, is detected in a scanner, which is in turn analysed by bioinformatics software (Gu W, Bertone AL. Curation, pruning and annotation of the public equine nucleotide database to generate an equine gene expression microarray. (2004) *American Journal of Veterinary Research* Manuscript In Press). (<http://www.affymetrix.com>).

[0195] Data Analysis and Results of gene expression data for OA:

[0196] Data analysis was initially performed by Affymetrix Microarray Suite Software packages (Affymetrix Custom Expression Array Design Guide. <http://www.affymetrix.com>), Microarray Suite (MAS) 5.0, MicroDB, and Data Mining Tool (DMT) 3.0. Probe level data was further analyzed using dChip software (Li, C., and W. H. Wong. 2003. DNA-Chip Analyzer (dChip). In *The analysis of gene expression data: methods and software*. G. Parmigiani, E. S. Garrett, R. Irizarry, and S. L. Zeger. Springer-Verlag). Array normalization was performed using the invariant set procedure. Then, model-based expression indices (MBEI) were computed using the perfect match only model. Probe-set level data that was called an "array outlier" by dChip was omitted and considered to be missing data in subsequent analyses. Array quality characteristics (including % array outliers and % present calls) are shown below in Table 12.

Table 12

Array	Median Intensity (unnormalized)	P call %	% Array outlier	% Single outlier	GAPDH 3'/5'
N11RD	59	33.10	0.00	0.02	3.60
N11RP	81	20.40	0.05	0.19	5.38
N13LD	60	27.10	0.00	0.05	6.06
N13LP	57	28.50	0.00	0.04	5.29
N14LD	64	26.90	0.13	0.06	14.64
N14LP	65	36.60	0.00	0.02	6.10

Array	Median Intensity (unnormalized)	P call %	% Array outlier	% Single outlier	GAPDH 3'/5'
N14RD	76	25.60	0.00	0.07	3.98
N14RP	69	25.30	0.05	0.08	4.91
N15LD	61	30.70	0.00	0.04	9.21
N15LP	62	33.60	0.03	0.07	3.31
N15RD	82	29.30	0.00	0.10	3.91
N15RP					
(rescan)	62	26.70	0.00	0.13	4.33
N16LD	96	28.40	0.00	0.04	6.07
N16LP	152	20.70	0.05	0.40	5.61
N16RD	83	26.30	0.05	0.02	3.17
N16RP	96	28.10	0.05	0.08	6.99
N9LD	109	21.70	0.05	0.17	3.24
N9RD	90	14.70	2.07	0.80	6.71
OA1RP	68	27.40	0.48	0.15	4.89
OA2LP	77	26.80	0.00	0.02	5.99
OA2RDscan2	86	37.00	0.13	0.05	6.70
OA2RP	69	33.20	0.08	0.09	7.14
OA3LD	95	25.70	0.00	0.03	2.35
OA3RD	67	28.20	0.05	0.07	3.16
OA3RP	95	11.80	8.79	1.44	1.90
OA4LD	101	25.80	0.11	0.10	6.10
OA4LP	74	29.20	0.03	0.09	7.04
OA4RD	257	13.50	3.17	0.61	7.68
OA4RP	187	22.80	3.68	0.83	
OA5LP	56	28.30	0.00	0.04	5.74
OA5RD	69	15.30	3.58	1.12	4.16
OA5RP	73	14.40	4.73	1.14	3.71

[0197] After MBEI computation and log-transformation of the values, data were imported into BRB ArrayTools for statistical comparisons. Only probe sets that displayed a significant amount of variation in expression among specimens were considered for further analysis. Furthermore, probe sets receiving an "Absent" call for more than 75% of the specimens were omitted. These filtering criteria resulted in a set of 521 probe sets for inclusion in the statistical comparisons.



[0198] Specimens were clustered using hierarchical clustering with average linkage and one minus Pearson correlation as the distance measurement (see Figure 6). One of the two main clusters consists almost entirely of normal specimens.

[0199] As demonstrated the samples identified as normal based on clinical and gross examination correlated and clustered in gene expression patterns. Samples classified as OA significantly clustered with OA gene expression patterns. Not all cartilage initially classified as clinically and grossly normal was completely normal on histology or as identified above in gene expression pattern. This demonstrated a continuum of cartilage expression change and that age matched controls are critical to pick up differences that are due to actual OA disease and not just aging of joints.

[0200] Statistical tests were performed at a nominal 0.002 significance level. Examining 521 probe sets at this significance level results in roughly one expected false positive claim (i.e., a probe set determined to be differentially expressed that in truth is not) under the null hypothesis of no differential expression of probe sets. Tighter control of multiple comparisons using permutation methods was also performed (Korn EL, Troendle JF, McShane LM and Simon R. *Journal of Statistical Planning and Inference*. 2003. 124:379-398). Permutation methods allow confidence statements to be made about the actual (as opposed to expected) number of false positive claims.

[0201] First, an interaction between aspect of joint (palmar and dorsal) and disease status (normal and OA) was tested for. For each horse's joint that included both a palmar and dorsal specimen (8 normal joints and 5 osteoarthritic

joints), the difference in gene expression between the palmar and dorsal aspects was computed. A univariate t-test on each probe set was then performed, comparing normal to osteoarthritic. Many differentially expressed probe sets in this comparison would be evidence of an aspect-disease interaction. However, no differentially expressed genes resulted from this comparison.

[0202] Since there was no evidence of an aspect-disease interaction, the dorsal and palmar gene expression profiles were averaged within a particular joint and tested for differences in expression between normal and osteoarthritic joints (10 normal joints and 9 osteoarthritic joints were included in this comparison). Three probe sets were significantly differentially expressed (Table 13 below). Based on the permutation analysis, we were 90% confident that these three probe sets contained at most one false positive. Annotation of these genes, using the methodology described earlier in this document, reveals that BGEQ 0070 is Type II collagen, and GBCA0190 is Type IIA procollagen.

Table 13 – Gene Expression Signature for OA, Regardless of Severity

Unique Id	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
GBEQ0070_s_at	0.0002271	91.4	203.9	0.448
GBEQ3104_at	0.0003064	40.6	26.3	1.544
GBCA0190_at	0.00184	36.1	79	0.457

[0203] More appropriately, since there were no aspect/disease interactions, analyses were performed for the normal vs. osteoarthritic comparisons within palmar and dorsal aspects. These results disregarded the lack of a detectable aspect-disease interaction and results included the genes identified above. For the comparison involving palmar aspects (severe OA), eight normal and eight osteoarthritic specimens were considered. Five probe sets were significantly differentially expressed, and we were 90% confident that these

five probe sets contain at most one false positive. (Table 14 below) Annotation of these genes in similar fashion to above reveal these genes represent NSF1-BP, eukaryotic translation initiation factor, beta cell CLL/lymphoma 2 gene, and heparan sulfate (glucosamine) 3-O sulfatransferase. These genes are important in cell division and aggrecan matrix production of chondrocytes and cartilage, respectively. Down-regulation of these genes that we detected in more severe OA are signals of cell arrest in growth and matrix production.

Table 14

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
<u>GBEQ3104 at</u>	0.0003445	44.6	27.5	1.622
<u>GBEQ1029 at</u>	0.0003829	74.1	43.3	1.711
<u>GBEQ1212 at</u>	0.0005054	123.9	54.2	2.286
<u>GBEQ1854 at</u>	0.0010417	64.2	33.2	1.934
<u>GBEQ2019 at</u>	0.0013562	27.1	13.1	2.069

[0204] For the comparison involving dorsal aspects (mild OA), ten normal and six osteoarthritic specimens were considered. Four probe sets were significantly differentially expressed, and we are 90% confident that these 4 probe sets contain at most 1 false positive (Table below).

Table 15

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
<u>GBCA0190 at</u>	0.0001425	34.6	89.8	0.385
<u>GBEQ0070 s at</u>	0.0004725	92.7	261.8	0.354
<u>GBEQ0255 at</u>	0.0010854	9	22.7	0.396
<u>GBEQ0255 x at</u>	0.0017371	39	113.2	0.345

Annotation of these genes by methodology described in this document revealed that GBCA0190 is Type IIA procollagen, GBEQ0070 is Type II collagen and GBEQ0255 is Type 1A2 collagen.

[0205] Histology scores were examined for an association with gene expression. The structure, hypocellularity, and matrix stain scores were summed for each scorer to obtain an overall histology index for each specimen for each scorer, then the median overall index was computed for each specimen. Three groupings of overall scores were apparent: a group consisting solely of normal specimens that had median overall scores of 0 (termed "low"), a group consisting of 8 osteoarthritic specimens and 4 normal specimens that ranged in score from 2 to 6 (termed "medium") and a group consisting solely of osteoarthritic specimens that ranged in score from 9 to 11 (termed "high"). Differences in intensity of expression between the osteoarthritic joints with medium histology and high histology indices were not identified.

[0206] The annotation of differentially expressed genes was performed as described above, briefly by Blast analyses against combined human and mouse databases. (See Table 33.)

[0207] As seen in the rigorous and stringent statistical analyses performed above, several genes are up-regulated and statistically represent earlier OA (dorsal OA; less severe lesions). The upregulation of GBCA0190, GBEQ0070, and GBEQ0255 represent a signature for early OA at a statistical significance of  $P < 0.001$ . Additional genes listed below were also highly associated with OA and represent a profile of less severe (dorsal) OA with less accuracy. If these genes were present in addition to the genes in table 15, this would add power to the accuracy of the gene signature.

Table 16

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
GBCA0190 at	0.0001425	34.6	89.8	0.385
GBEQ0070 s at	0.0004725	92.7	261.8	0.354
GBEQ0255 at	0.0010854	9	22.7	0.396
GBEQ0255 x at	0.0017371	39	113.2	0.345
GBEQ0255 s at	0.0024778	10.7	19.6	0.546
GBEQ3035 at	0.0036182	32	64.1	0.499
GBEQ3104 at	0.0039462	39.9	25.1	1.59
GBEQ1633 at	0.0060233	26.4	18.5	1.427
GBCA0189 s at	0.0069451	22.5	37	0.608
GBEQ0916 at	0.0103856	81.8	38.3	2.136
GBEQ1009 at	0.0108189	57	93.9	0.607
GBEQ1928 at	0.0115205	65	93.3	0.697
GBEQ0069 at	0.012457	17.6	28	0.629
GBEQ2816 at	0.0126772	66.9	133.2	0.502
GBEQ1692 s at	0.0138907	33.3	56.5	0.589
GBEQ1779 s at	0.0179735	95	72.5	1.31

[0208] Several genes are up-regulated in early (less severe) OA 2-fold or greater which is considered significant in biologic systems, by convention. It is important to distinguish statistical and biological significance. If the genes showing biologic significance and the genes showing statistical significance are combined in smaller subsets, a greater association with OA is predicted. Evaluation of fold changes produced additional genes that represent OA in the Table below. If these genes are present in addition to the genes listed in Table 15, it may enhance the accuracy of the call of the presence of OA.

Table 17

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	fold difference
<u>GBEQ0255 x at</u>	0.0017371	39	113.2	0.345
<u>GBEQ0070 s at</u>	0.0004725	92.7	261.8	0.354
<u>GBCA0190 at</u>	0.0001425	34.6	89.8	0.385
<u>GBEQ0255 at</u>	0.0010854	9	22.7	0.396
<u>GBEQ0052 at</u>	0.0530537	33.7	71.1	0.474
<u>GBEQ3035 at</u>	0.0036182	32	64.1	0.499

[0209] Only two genes were down regulated in dorsal (less severe) OA 2-fold or greater (GBEQ0776 and GBEQ0916) which is considered biologically significant. GBEQ0916 is an anti-death gene and if down regulated would result in cell death as occurs insidiously in OA. If these gene changes were present along with genes from tables 15 and 17, these might add accuracy to the call of early OA.

[0210] Additionally, several genes were up-regulated > 2-fold in later more severe (palmar) OA and if these gene expression changes were present in addition to the 5 genes down-regulated that represent the signature for severe OA, Table 14, they would add power to the call of late stage OA.

Table 18

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
<u>GBEQ0070 s at</u>	0.0032033	86.5	199.5	0.434
<u>GBCA0155 at</u>	0.1416793	16.7	36.8	0.454
<u>GBCA0190 at</u>	0.0261547	40.5	83.3	0.486
<u>GBEQ0092 at</u>	0.1570649	14.4	29	0.497
<u>GBEQ0255 s at</u>	0.0247576	9	18	0.5

[0211] Several genes were down regulated > 2-fold in more severe (palmar) OA and if these gene expression changes are present in addition to the

5 genes down-regulated that represent the signature, they may add power to the call of late stage, severe OA.

Table 19

Probe set	Parametric p-value	signal intensity normal	signal intensity OA	Fold difference
GBEQ2135 at	0.1354844	611.8	250	2.447
GBEQ1151 at	0.0427891	117.2	48.2	2.432
GBEQ1240 at	0.0031178	129.9	54.5	2.383
GBEQ0140 at	0.0790122	147.6	62	2.381
GBEQ0918 at	0.0334057	55.8	23.8	2.345
GBEQ2493 at	0.0089043	132.3	56.5	2.342
GBEQ2499 at	0.1190244	562	241.6	2.326
GBEQ1212 at	0.0005054	123.9	54.2	2.286
GBEQ2623 at	0.0134986	323.9	141.9	2.283
GBEQ2008 at	0.0097757	190.9	85.6	2.23
GBEQ1622 at	0.0698789	371.2	168.4	2.204
GBEQ1883 at	0.0093816	103	47.4	2.173
GBEQ2698 at	0.038729	168.3	78.8	2.136
GBEQ0574 s at	0.002315	107.5	51.7	2.079
GBEQ2019 at	0.0013562	27.1	13.1	2.069
GBEQ0916 at	0.0071843	95.8	47	2.038
GBEQ2697 s at	0.0589158	159	78.2	2.033
GBEQ1330 at	0.0052024	56.2	27.9	2.014

[0212] In Summary, our methodology has been applied to a disease condition of osteoarthritis and identified gene signatures that represent this disease state.

[0213] **Example 7 – Selection of Viral and Protozoal Sequences for Inclusion on Microarray**

[0214] Equine viral and protozoal diseases were identified for use in a diagnostic microarray. The selected organisms included equine herpesvirus 1, equine herpesvirus 2, equine herpesvirus 3, equine herpesvirus 4, equine herpesvirus 5, equine morbillivirus, Neospora hughesi, Sarcocystis neurona, and

West Nile virus. Nucleic acid sequences were selected based on the following procedure.

[0215] Briefly, the herpesviruses 1, 2, and 4, and West Nile had complete genome data available in the public database. Therefore, for these, the sequences encoding capsid, membrane, envelope, or virus package proteins were specifically selected. Other viruses did not have complete genome data, so all of the available sequences were selected for those species. Table 37 lists an annotation of equine viral and protozoal sequences identified in accordance with the invention; Table 38 shows the actual sequences (SEQ ID NOS 3798-3859).

[0216] The sequences can be used as is, as the basis for a microarray, or can be separated based on pathogen and then used for generation of a microarray.

[0217] **Example 8 – Equine-specific Large-Scale Gene Expression Analysis of Equine Protozoal Myelitis**

[0218] Equine protozoal myelitis represents an infectious disease with protozoan organisms, *sarcocystis neurona*, *canis neospora*, and maybe others, that encyst in neuronal cell bodies in the central nervous system resulting in neurologic disorders in horses. The horse is a dead-end host and not a host in the primary life cycle of the organisms. Well-described clinical signs include spinal ataxia and weakness as well as muscle atrophy, peripheral nerve dysfunction, and possibly any other lower motor neuron dysfunction. Diagnosis is usually inconclusive and limited because organisms are hard to find on histology due to lesion rarity in the CNS and obviously requires death of the animal to retrieve the brain and spinal cord. Blood and cerebral spinal fluid assays to date



are inconclusive because they have depended on antibody titers or staining that does not effectively distinguish exposure to organisms and pathologic invasion by the organism. Other diagnostic approaches to identify organisms have been limited by oversensitivity (high false positives) and failure to assess the biologic response to the organism as part of the cause of the development and severity of the disease.

[0219] The use of a species-specific large-scale gene expression microarray permits the simultaneous measurement of the biologic response to the organisms, which may include increased inflammatory and immunologic responses. Cells from spinal cord fluid or blood could be processed for use on the array to identify these changes and monitor response to treatment. RNA placed on the microarray provides a signature gene expression typical of the disease as compared to other neurologic diseases such as CVM previously described.

[0220] **Example 9 – Protozoan-Specific Gene Expression Microarray Analysis for Equine Protozoal Myelitis**

[0221] Sequences have been placed on the array, which are genes expressed by *Sarcocystis neurona* and *Canis neospora*, similarly obtained from the public database as the sequences in Example 4 above. These *S. neurona* and *C. neospora* RNA sequences were selected to identify as high sensitivity as can be obtained on a microarray the presence of the organism and its infection in cells of the horse or other species for that matter. Since these sequences were generated from the organisms, the species from which infected tissue was obtained would not be required to be only horse.

[0222] The equine species has a significant prevalence of this disease and therefore would be a logical animal to inspect tissues. The sequences on the microarray are specific to these organisms and these organisms must have infected cells to make this RNA that would be detected on the array.

[0223] Other diagnostic tests for the presence of these organisms have attempted to detect DNA from the organisms, by PCR or other techniques. DNA is highly stable and can represent dead or silently encysted organisms. DNA-based techniques are also known for a high false positive rate due their extreme sensitivity and ease of laboratory or processing contamination. RNA, on the other hand, is labile and to be present, must be from active organisms. It does not contaminate laboratories as it is readily degraded at room temperatures.

[0224] For this study, eight adult healthy horses were used. Six horses were dosed orally with Sarcocystic neurona organisms to induce equine protozoal myelitis disease and two horses were undosed and served as controls. Horses were subsequently euthanized when clinical signs developed or at the same time period (controls). Tissues were harvested from the spinal cord, snap frozen in liquid nitrogen, stored at -80°C and transferred to Dr. Bertone's laboratory for RNA extraction and microarray processing. RNA extraction and processing was performed precisely as outlined in the Example of stress (Example 11, below) and microarrays scanned at the Cancer Microarray Core facilities The Ohio State University.

[0225] RESULTS: Adequate quantity and quality of RNA was obtained in these samples. Statistical analysis performed by Dr. Alan Bakaletz in a similar manner as outlined in Example 11, below. Twenty-three genes had significant

up- or down-regulation in the experimental horses as compared to the control horses. (Table 20.) The greatest fold change (13.4) was in gene GBEQ0486, Major histocompatibility class II. GBEQ2412 and GBEQ0393 also represent the upregulation of the important immunomodulatory genes, integrin alpha L and leukocyte immunoglobulin- like receptor 3, respectively. We postulate that the disease is actually caused by an immune reaction to the Sarcocystis organism rather than direct destruction by the organism. This is the first documentation of this and represents a signature for the disease in horses absolutely known to have the disease.

Table 20 – Mean Signal Intensities of Genes That Were Significantly Different (P<0.01) Between Control and Experimental Horses

ProbeSet	Ctl Mean	Exp Mean	Diff	p-Value
GBEQ0445_x_at	224	75	-148	0.00045390
GBEQ0322_at	241	100	-141	0.00047655
GBEQ2055_at	82	267	184	0.00249491
GBEQ0528_at	1,318	925	-393	0.00337740
GBEQ0469_at	452	228	-223	0.00344998
GBEQ2731_at	142	727	584	0.00518644
GBEQ0803_at	1,937	3,393	1,455	0.00554004
GBEQ2977_at	76	228	152	0.00605627
GBEQ0368_at	2,297	3,852	1,555	0.00685735
GBEQ0551_at	58	364	307	0.00719710
GBCA0196_at	57	520	463	0.00726521
GBEQ0683_at	45	539	495	0.00807589
GBEQ1852_at	344	1,168	824	0.00840475
GBEQ0996_at	229	132	-98	0.00840518
GBCA0317_at	40	167	127	0.00873921
GBEQ0486_s_at	405	5,429	5,025	0.00880188
GBEQ1295_at	5,395	3,966	-1,428	0.00895785
GBEQ0941_at	887	1,913	1,026	0.00902847
GBEQ2412_at	324	1,041	717	0.00906464
GBEQ2860_at	21	123	102	0.00915093
GBCA0393_at	14	211	197	0.00946307
GBEQ3111_at	50	136	86	0.00975737
GBCA0466_at	181	831	650	0.00993219

[0226] The presence of the sarcocystis organism was detected by the microarray in the experimental horses. (Table 21.) Most experimental horses had increased sarcocystic RNA detection on the microarray over background in the control horse, with five of ten genes showing a 2-fold positive change ranging from 2.2 to 22.2. These data confirmed the ability of the method and the microarray to detect the presence of sarcocystis organism. Importantly, our selection of RNA confirms active infection of organism and is a unique feature of this method. We also have used a unique model that defines the presence of organism in the animal with certainty.

Table 21 – Signal Intensity (Raw, Mean, and Fold-Change) for Control and Experimental (Equine Protozoal Myelitis) Horses for the Ten Genes that Identify the Equine Protozoal Organism

	Ctrl	Ctrl	Exp	Exp	Exp	Exp	Exp	Exp	Ctrl	Exp	FoldChn
Genes	6617	742	744	6451	6453	6459	6460	6570	Mean	Mean	
GBEV0042	77.9	161.3	552.5	128	16.1	400	406	105	119.6	267.9	2.2
GBEV0043	7.7	53.8	73.6	39.9	26.4	124	68.5	9.6	30.8	57.0	1.9
GBEV0044	130.9	160.5	1531.8	315	537	1057	709	128	145.7	712.96	4.9
GBEV0045	8.8	35.4	105.6	13.9	49.3	53	80.6	7.2	22.1	51.6	2.3
GBEV0046	42.3	162.8	210.5	82.6	168	317	298	40	102.6	186.0	1.8
GBEV0047	141.4	231.9	1254.9	444	371	494	875	154	186.7	598.8	3.2
GBEV0048	1.2	2.6	9.1	17.4	12.5	157	25.7	29	1.9	41.8	22.0
GBEV0049	57.5	574.2	1502.1	300	572	844	547	69.3	315.9	639.1	2.0
GBEV0050	5.2	360.6	638.1	71.6	24.6	104	430	11.7	182.9	213.3	1.2
GBEV0051	23.6	242.6	252.4	73.8	121	143	159	30	133.1	129.9	1.0

**[0227] Example 10 – Equine Viral-specific Gene Expression Analysis of Herpes Virus–1 Infection in Horses**

[0228] Equine Herpes Infection is classically characterized by fever, nasal discharge (i.e., an upper respiratory tract infection) and malaise. This disease, however, can be particularly virulent with some strains, such as occurred in 2003 at Finley College Equestrian Program herd in Central Ohio. The Ohio State University was integrally involved in containment of this outbreak and in the diagnostics.

[0229] Of 132 horses, the majority developed clinical signs >75%, and this is an exceptionally high virulence rate. Typically, most exposed horses will not develop clinical signs, but fight off the invading organism before clinical signs occur. Of these, a high percent (>10%) developed the complicating neurologic disease that is associated with this virus, documenting it as a neurotrophic strain. Diagnosis is currently dependent on serum antibody titer and viral culture from nasal swabs. The former is limited by representing past exposure only, not current disease. Therefore, serial titers are necessary to demonstrate expected increases in titers.

[0230] In all regards, these results can be influenced by previous vaccination status as most horses are vaccinated for equine herpes–1. The viral culture requires a minimum of 2 weeks and typically longer to complete. It is fraught with false positives from organisms harboring in the laboratory and contaminating long-standing culture plates. This was a problem in the diagnostic testing of this outbreak. Use of Herpes virus-1 RNA sequences on a microarray for testing offers increased sensitivity, bulk analysis, and rapid turnaround.

[0231] RNA from cells from or any other tissue suspected of containing organisms, such as spinal cord, cerebral spinal fluid cells, blood, discharges, etc. is isolated and placed on the microarray of Example 4, with appropriate control samples. The presence of herpes virus-1 RNA means that the organism is not only present but has infected cells, inserted its DNA into the cell nucleus and is using the cell machinery to make the virus's own RNA to make the virus's own proteins necessary for it to invade and replicate. In other words, the virus has infected the host, and is not just present. It currently takes three days to complete the processing for this microarray and obtain results, a substantial savings in time as compared to several weeks. The same tests can be run on equine morbillivirus, Neospora hughesi, Sarcocystis neurona, and West Nile virus.

[0232] This microarray diagnostic test also can detect infection before clinical signs even become apparent and/or carriers of the virus that are not yet clinical. Using our invention, we have demonstrated the ability of microarray to detect activation of latent herpes virus infection in horse cells. This is an example of a powerful diagnostic application for herpes infection, latent or subclinical. To demonstrate this, a normal horse, normal on physical examination without signs of Herpes virus infection, had cells submitted for culture. The RNA was extracted and put on the array. There was no expression of any of the Herpes virus genes in the initial cell cultures. However, the importance of early diagnosis includes rapid isolation of infected animals, release of uninfected animals from expensive quarantine, identification of outbreaks, and moving animals at high risk for the complications like neurologic disease and abortion.

[0233] In the case of these cells in culture from an asymptomatic horse, challenge of the cells in culture with a nonreplicating, inactivated E-1 defective human Adenovirus-5 (Bertone et al. J Orthop Res 2004;22:1261-1270) incorporated the adenovirus DNA and transgenes into the horses cells (bone marrow derived mesenchymal stem cells) and was confirmed by ELISA measurement of gene product carried by the adenovirus. (Zachos and Bertone, Trans Orthop Res Soc Abstract No. 398; 2005.) Significant up-regulation of many genes occurred by day 2 in these cells associated with the adenoviral infection (including the transgenes carried by the virus and subsequent signaling genes, but not Herpes virus. These data confirm that initially these cells were not expressing Herpes-2 genes (Table 22 below). Data in the Table is shown as the Herpesvirus gene expression in three different adenovirus construct treated cells (Ad-BMP2; AdBMP6 and AdLacZ) expressed as a ratio to the same cells at the same day of culture without adenovirus infection.

Table 22 – Sequences with three-fold or Greater upregulation of gene expression in equine mesenchymal stem cells cultured for 2 days and associated with Adenoviral transduction as compared to the same cells without adenoviral transduction

<i>Gene</i>	<i>Biological Process</i>	d2 AdBMP2 vs. d2 NoAd	d2 AdBMP6 vs. d2 NoAd	d2 AdLuc vs. d2 No Ad
Smad6	Regulation of transcription of bone morphogenetic proteins	381.14	4.59	--
Bone morphogenetic protein (BMP6) precursor	Embryonic development	--	362.04	--
ALK5 for TGF beta receptor type I	Embryonic development; signal transduction	--	--	18.38
Exostoses (multiple) 1 (EXT1)*	Cell growth/maintenance; glycosaminoglycan biosynthesis; skeletal development	--	3.03	--
Inhibin beta A subunit	Cell growth/maintenance; signal transduction; skeletal development; apoptosis	3.48	--	--

<i>Gene</i>	<i>Biological Process</i>	d2 AdBMP2 vs. d2 NoAd	d2 AdBMP6 vs. d2 NoAd	d2 AdLuc vs. d2 No Ad
Tumor necrosis factor-alpha	Regulation of transcription; signal transduction; anti-apoptosis; apoptosis; necrosis	3.48	--	--
p53-responsive gene 1 (PRG1)*	Anti-apoptosis; apoptosis; cell growth/maintenance	6.96	12.13	--
NFKBIA (nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha)*	Apoptosis	3.48	5.66	--
Interleukin 8 (IL8)*	Inflammation; signal transduction	--	3.25	--
CXCL2 ( <u>Alias</u> : GRO2)*	Signal transduction; inflammation	--	3.25	3.73
Matrix metalloproteinase 3	Collagen catabolism	3.24	3.48	--

\*Denotes annotated expressed sequence tag (EST)

TGF = transforming growth factor

[0234] Within 12 days of culture, massive upregulation of Herpesvirus 2 gene expression indicated active infection and was detected by our microarray, in some cases with several hundred fold increases in Herpes gene expression from these horse cells. Control cells from the same horse and original mesenchymal stem cells were cultured simultaneously for the same duration in directly adjacent wells without adenovirus infection to serve as tight controls and eliminate Herpesvirus contamination concerns. None of the control wells showed this increase in Herpesvirus gene expression.

Table 23 Sequences with 3-fold or greater upregulation of gene expression in equine mesenchymal stem cells cultured for 12 days

<i>Sequence</i>	<i>Fold Change</i>			
	d12 AdBMP2 vs. d0 NoAd	d12 AdBMP2 vs. d2 NoAd	d12 AdBMP6 vs. d0 NoAd	d12 AdBMP6 vs. d2 NoAd
Equine herpesvirus 2	315.2	11.3	18.4	16
Cartilage oligomeric matrix protein (COMP) <sup>∞</sup>	55.7	14.9	55.7	12.1
Gelsolin <sup>∞</sup>	4.9	--	3.5	--
Angiomodulin (AGM) <sup>∞</sup>	3.7	--	4.3	3.2



Sequence	Fold Change			
	d12 AdBMP2 vs. d0 NoAd	d12 AdBMP2 vs. d2 NoAd	d12 AdBMP6 vs. d0 NoAd	d12 AdBMP6 vs. d2 NoAd
Plasminogen activator inhibitor-1 (PAI-1) <sup>∞</sup>	--	5.3	3.0	8.6
Procollagen alpha 1 (I) (COL1A1) <sup>∞</sup>	--	4.6	5.3	8.6
Inhibin, beta A subunit <sup>∞</sup>	--	3.0	--	4.3
Bone morphogenetic protein 6 precursor (BMP6) <sup>∞</sup>	--	--	59.7	78.8
Smad6 <sup>∞</sup>	--	--	19.7	5.6
Golgi apparatus protein <sup>∞</sup>	--	--	--	18.4
Procollagen alpha-1 type III precursor (COL3A1) <sup>∞</sup>	--	--	--	4.9
Parathyroid hormone-related peptide <sup>∞</sup>	--	--	--	4.3
Keratinocyte growth factor (fgf-7) <sup>∞</sup>	--	--	--	3.2
Tissue inhibitor of metalloproteinase-1 <sup>∞</sup>	--	--	--	3.0

[0235] These data confirm that our microarray can detect Herpesvirus 2 infection, changes in Herpesvirus 2 infection and serve as a diagnostic indicator for Herpesvirus 2 infection. Additionally our data demonstrate that culture of cells latently infected with Herpesvirus can activate the infection and, furthermore, challenge of cells with inactivated Adenovirus, may serve as a method to rapidly diagnose carriers of Herpes infections. The challenge with Adenovirus accelerated and amplified the expression of Herpesvirus-2 in these cells.

[0236] **Example 11 – Gene Expression Patterns to Detect Potentially Compromising Stress in Horses**

[0237] The present invention can be used to detect conditions in horses, not simply diseases in horses, such as the condition of stress, which is known to

make animals and humans predisposed to disease. Using a model of stress in horses (Sofaly C. J Parasitol. 2002 Dec;88(6):1164-70), known to predispose horses to the disease of equine protozoal myelitis, we used the microarray to determine gene expression pattern signatures for stress. Detection of a stress profile that predisposes horses to disease could affect recommended treatments, such as immunostimulants or immunoprotectants, such as antibiotics.

[0238] Stress induces many changes in the neuroendocrine, immune, and hormonal systems that alters blood and tissue concentrations of corticosteroids, immunoglobulins, cytokines and other mediators of pathways associated with the fright-or-flight, inflammatory, and other body defense mechanisms. "Stress" is a relatively ill-defined syndrome, but one consequence of stress can be increased susceptibility to disease, presumably due to immunosuppression. One known initiator of stress in horses is shipping, such that respiratory sickness following shipping is so common as to receive a name called "shipping fever." Some parameters, such as beta-endorphins, norepinephrine, corticosteroids, and pituitary hormones (ACTH) have been known to rise after shipping and other presumably stressful events such as exercise.

[0239] We examined large scale gene expression in blood cells of stressed and matched unstressed horses to identify an expression phenotype associated with stress. Twenty relatively unhandled yearling healthy horses, selected for inclusion in an equine protozoal study had stress induced by shipping the horses from Canada to Columbus, Ohio over an ~ 16 hour time period. On arrival and prior to inoculation with sarcocystis to induce disease, 60 mLs of whole blood was drawn and placed in three 20-mL heparin tubes and shipped on ice, overnight to

Dr Bertone's laboratory at The Ohio State University for processing. Stress was confirmed by the successful induced susceptibility to an infectious disease (Equine Protozoal Myelitis) in all of these horses. This confirmed a compromising stress state in these shipped horses. Five matched horses were identified in Ohio and had blood drawn at their home environment (no shipping) and blood processed in the same manner as the stressed horses.

[0240] RESULTS:

[0241] On arrival of the blood in the laboratory, the buffy coat was withdrawn, snap frozen in liquid nitrogen, and frozen at -80°C. Buffy coats were systematically thawed and the RNA extracted.

[0242] The first protocol applied was the QIAamp® RNA Blood Mini Handbook for total RNA isolation from whole blood, which yielded moderate to poor RNA. These samples were not of sufficient quality or quantity to put on the microarray. The protocol was as follows:

- 1) Blood was centrifuged at 1200 rpm for 10 minutes.
- 2) Serum was drawn off and then the buffy coat was isolated.
- 3) Mixed 1 volume of blood with 5 volumes of Buffer EL in an appropriately sized tube.
- 4) Incubated for 10-15 minutes on ice. Mixed by vortexing briefly 2 times during incubation.
- 5) Centrifuged at 400 x g for 10 minutes at 4°C, and completely removed and discarded the supernatant.
- 6) Added Buffer EL to the cell pellet (used 2 volumes of Buffer EL per volume of whole blood used in step 3). Resuspended cells by vortexing briefly.
- 7) Centrifuged at 400 x g for 10 minutes at 4°C, and completely removed and discarded supernatant.
- 8) Added Buffer RLT to pelleted leukocytes according to the table below. Vortexed or pipetted to mix.

Table 24

Buffer RLT ( $\mu$ l)	Healthy whole blood (ml)	No. of leukocytes
350	Up to 0.5	Up to $2 \times 10^6$
600	0.5-1.5	$2 \times 10^6$ to $1 \times 10^7$

- 9) Pipetted lysate directly into a QIAshredder spin column sitting in a 2-ml collection tube and centrifuged for 2 minutes at maximum speed to homogenize. Discarded QIAshredder spin column and saved homogenized lysate.
- 10) Added 1 volume (350 $\mu$ l or 600 $\mu$ l) of 70% ethanol to the homogenized lysate and mixed by pipetting.
- 11) Pipetted sample, including precipitate into new QIAamp spin column sitting in a 2ml collection tube. Centrifuged for 15 seconds at  $\geq 8,000 \times g$ .
- 12) Transferred the QIAamp spin column into a new 2-ml collection tube. Applied 700 $\mu$ l Buffer RW1 to the QIAamp spin column and centrifuged for 15 seconds at  $\geq 8,000 \times g$  to wash.
- 13) Placed QIAamp spin column in a new 2-ml collection tube. Pipetted 500 $\mu$ l of buffer RPE into the QIAamp spin column and centrifuged for 15 seconds at  $\geq 8,000 \times g$ .
- 14) Add 500 $\mu$ l of Buffer RPE. Centrifuged at full speed for 3 minutes.
- 15) Placed the QIAamp spin column in a new 2 ml collection tube. Centrifuged at full speed for 1 minute.
- 16) Transferred the QIAamp spin column into a 1.5ml microcentrifuge tube and pipetted 30-50 $\mu$ l of Rnase-free water directly onto the QIAamp membrane. Centrifuged for 1 minute at  $\geq 8,000 \times g$  to elute.

[0243] The second protocol used was the TRIzol® Bodily Fluids Protocol, which yielded moderate to good RNA. This resulted in sufficient quality and quantity of RNA from the five horses that were successfully processed on the microarray. The protocol was as follows:

- 1) Blood was centrifuged at 1200 rpm for 10 minutes.
- 2) Serum was drawn off and then the buffy coat was isolated.
- 3) HOMOGENIZATION  
The samples were homogenized with the addition of 0.75ml TRIzol Reagent per 0.25ml buffy coat.
- 4) PHASE SEPARATION  
Incubated the homogenized samples for 5 minutes at 15 to 30°C. Added 0.2 ml of chloroform per 1 ml of TRIzol Reagent. Capped tubes securely. Shook tubes vigorously by hand for 15 seconds and incubated them at 15 to 30°C for 2-3 minutes. Centrifuged samples at no more than 12,000  $\times g$  for 15 minutes.

## 5) RNA PRECIPITATION

Transferred the aqueous phase to a fresh tube. Precipitated the RNA from the aqueous phase by mixing with isopropyl alcohol. Used 0.5ml of isopropyl alcohol per 1 ml of TRIzol Reagent used for the initial homogenization. Incubated the samples at 15 to 30°C for 10 minutes and centrifuged at no more than 12,000 x g for 10 minutes.

## 6) RNA WASH

Removed the supernatant. Washed the RNA pellet once with 75% ethanol, adding at least 1ml of 75% ethanol per 1 ml TRIzol Reagent used in the initial homogenization. Mixed the sample by vortexing and centrifuging at no more than 7,500 x g for 5 minutes.

## 7) REDISSOLVING THE RNA

At the end of the procedure, removed supernatant (leaving only the pellet) and briefly air dried the RNA pellet. The RNA pellets were redissolved in 30µl of Rnase free water.

[0244] RNA from the top 5 samples in quantity and quality of RNA from stressed (n=5) and unstressed (n=4) were further processed for the study. Quality of RNA was further checked with a bioanalyzer (Agilent Technologies) and 1% agarose gels in a subset of samples. Horse and sample characteristics are listed in Table 25 below.

Table 25 – Signalment and RNA characteristics of blood buffy coat used for the microarray analysis.

Horse	Treatment	Sex	Breed	Age (yrs)	tRNA (µg)	260/280 Ratio
2B	Control	M	Belgian	1	39	2.138
3C	Control	M	Belgian	1	45.12	2.212
5C	Control	M	Belgian	1	8.28	1.971
6B	Control	M	Belgian	1	6.6	6.6
41A	Stressed	M	Belgian	1	7.44	1.632
42B	Stressed	M	Belgian	1	4.8	1.818
52B	Stressed	M	Belgian	1	5.04	1.75
69A	Stressed	M	Belgian	1	4.08	1.7
70A	Stressed	M	Belgian	1	5.52	1.643

[0245] All protocols were conducted in accordance with the manufacturer's instructions. (Affymetrix, Inc.) Total RNA (5 ug) was reverse transcribed into double-stranded cDNA by use of a polymerase (Superscript II, Invitrogen) and the T7-(dT)24 primer (Operon). Biotinylated cRNA was synthesized by in vitro

transcription. The cRNA products were fragmented prior to hybridization overnight at 45°C for 16 hours. Microarrays were washed at low- and high-stringent conditions and stained with streptavidin-phycoerythrin in accordance with an established protocol (EukGE-WS2).

[0246] A cluster point graph of the combined data for expressed genes is shown in Figure 7. Drift patterns are visually obvious showing a selection of genes that are upregulated in stress and a mass down regulation of gene expression in stressed horses. Data analysis was initially performed by use of a commercially available software package. (GCOS, Affymetrix, Inc.) Variables for performance of the microarray, such as signal intensity, were determined by use of statistical algorithms.

[0247] For the initial analysis from the Absolute CHP files, all Affymetrix control probes, and any probes which did not have at least 4 present calls among the 10 total chips were removed. For the remaining 2047 probe sets a t-test comparing unstressed control samples to stressed samples and a Bonferroni correction to adjust the p values for the number of multiple comparisons (2047) was performed. Fifteen probe sets had significant changes in gene expression and represent a statistically significant signature for stress. See Table 26.

Table 26

ProbeSet Name	Unstressed mean signal	Stressed mean signal	Diff.	p-Value	Adj. p-Val	Signif.
GBEQ1777_at	1605	2082	1476	0.00659961	0.09899422	Up
GBEQ0114_at	1160	2471	1312	0.01110550	0.16658248	Up
GBEQ2399_at	271	1371	1100	0.01158762	0.17381426	Up
GBEQ2478_at	800	174	626	0.02741655	0.41124827	Down.
GBEQ0988_at	992	159	833	0.01264942	0.18974129	Down
GBEQ2583_at	3871	1302	2569	0.01867494	0.28012417	Down
GBEQ2443_at	3325	719	2606	0.00856610	0.12849149	Down

GBEQ0123_at	5.884	1.070	4.814	0.00580940	0.08714101	Down
GBEQ0390_s_at	7.441	2.015	5.426	0.01429911	0.21448661	Down
GBEQ0562_s_at	11.963	3.175	8.788	0.00818371	0.12275569	Down
GBEQ1136_s_at	13.051	1.804	11.247	0.00932733	0.13990990	Down
GBEQ1179_at	15.299	2.269	13.030	0.00394146	0.05912185	Down
GBEQ0736_at	19.854	4.888	14.966	0.01981615	0.29724222	Down
GBEQ2291_at	20.311	3.074	17.237	0.00864712	0.12970679	Down
GBEQ2329_at	22.705	3.902	18.804	0.00056777	0.00851662	Down

[0248] Further analysis of the Comparative CHP files evaluates the count of number of chips for each of the call changes for each gene (Increased, Decreased, and No Change) made by the Affymetrix software. This corresponds to the number of possible comparisons of the stressed microarrays (5 arrays) to the unstressed microarrays (4 arrays), or 20 comparisons for this study. These probe sets were not filtered. Stressed was compared as a ratio to control - one sorted for decreases and the other for increases. Considering that 16 out of 20 chips (80% agreement) a reliable change, then there were 60 increased and 150 decreased genes that may be biologically significant based on probability. In Table 27 below, of 20 total gene chip comparisons, i.e., experimental (stressed) to control (unstressed), there was 1 gene that was always increased in every stressed to unstressed comparison, 7 genes were increased in 95% of the stressed to unstressed comparison, 15 genes were increased in 90% of the stressed to unstressed comparison, 13 genes were increased in 85% of the stressed to unstressed comparison and 24 genes were increased in 80% of the stressed to unstressed comparison. The addition of subsets of these genes to the gene signature in sets of 10 would improve the accuracy of identifying stress in horses.

Table 27

ProbeSetName	Ratio	Total comparisons	I	Marg Inc	NoChange
GBEQ2890_at	Exp/Ctl	20	20		
GBEQ2817_at	Exp/Ctl	20	19		
GBEQ0693_at	Exp/Ctl	20	19		1
GBEQ2366_at	Exp/Ctl	20	19		1
GBEQ2697_s_at	Exp/Ctl	20	19		1
GBEQ2730_at	Exp/Ctl	20	19		1
GBEQ3018_x_at	Exp/Ctl	20	19		1
GBEQ3187_at	Exp/Ctl	20	19		1
GBCA0302_at	Exp/Ctl	20	18		2
GBCA0390_at	Exp/Ctl	20	18	1	1
GBEQ1830_at	Exp/Ctl	20	18	1	1
GBEQ1930_at	Exp/Ctl	20	18		2
GBEQ1989_at	Exp/Ctl	20	18		2
GBEQ2216_at	Exp/Ctl	20	18		2
GBEQ2328_at	Exp/Ctl	20	18		2
GBEQ2392_at	Exp/Ctl	20	18		2
GBEQ2738_at	Exp/Ctl	20	18		2
GBEQ2897_at	Exp/Ctl	20	18		2
GBEQ2967_at	Exp/Ctl	20	18		2
GBEQ3034_at	Exp/Ctl	20	18	1	1
GBEQ3069_at	Exp/Ctl	20	18		2
GBEQ3095_at	Exp/Ctl	20	18		2
GBEQ3162_at	Exp/Ctl	20	18		2
GBCA0066_at	Exp/Ctl	20	17		3
GBCA0119_at	Exp/Ctl	20	17		3
GBCA0149_at	Exp/Ctl	20	17		3
GBCA0255_at	Exp/Ctl	20	17		3
GBEQ0001-5_s_at	Exp/Ctl	20	17		3
GBEQ0042_at	Exp/Ctl	20	17	1	2
GBEQ0058_at	Exp/Ctl	20	17		3
GBEQ0208_at	Exp/Ctl	20	17		3
GBEQ0924_at	Exp/Ctl	20	17		3
GBEQ3077_at	Exp/Ctl	20	17		3
GBEQ3145_at	Exp/Ctl	20	17		3
GBEQ3172_at	Exp/Ctl	20	17	1	2
GBEQ3217_at	Exp/Ctl	20	17	1	2
GBCA0141_at	Exp/Ctl	20	16		4
GBCA0154_at	Exp/Ctl	20	16		4
GBCA0199_at	Exp/Ctl	20	16		4
GBCA0284_at	Exp/Ctl	20	16	1	3
GBCA0462_at	Exp/Ctl	20	16	1	3
GBEQ0011_at	Exp/Ctl	20	16	1	3
GBEQ0036_at	Exp/Ctl	20	16		4



ProbeSetName	Ratio	Total comparisons	I	Marg Inc	NoChange
GBEQ0145_at	Exp/Ctl	20	16		4
GBEQ0153_at	Exp/Ctl	20	16		4
GBEQ0205_at	Exp/Ctl	20	16		4
GBEQ0210_at	Exp/Ctl	20	16		4
GBEQ0310_at	Exp/Ctl	20	16		4
GBEQ0391_at	Exp/Ctl	20	16	1	3
GBEQ1665_at	Exp/Ctl	20	16	1	3
GBEQ2088_s_at	Exp/Ctl	20	16		4
GBEQ2327_at	Exp/Ctl	20	16	1	3
GBEQ2801_at	Exp/Ctl	20	16		4
GBEQ2816_at	Exp/Ctl	20	16		4
GBEQ2891_at	Exp/Ctl	20	16		4
GBEQ2911_at	Exp/Ctl	20	16		4
GBEQ3038_at	Exp/Ctl	20	16		4
GBEQ3085_at	Exp/Ctl	20	16		4
GBEV0062_at	Exp/Ctl	20	16		4

[0249] In Table 28 below, of 20 total gene chip comparisons, i.e., experimental (stressed) to control (unstressed), there was 1 gene that was always increased in every stressed to unstressed comparison, 7 genes were increased in 95% of the stressed to unstressed comparison, 15 genes were increased in 90% of the stressed to unstressed comparison, 13 genes were increased in 85% of the stressed to unstressed comparison and 24 genes were increased in 80% of the stressed to unstressed comparison. The addition of subsets of these genes to the gene signature in sets of 10 would improve the accuracy of identifying stress in horses.

Table 28

ProbeSetName	Ratio	Total Comparisons	Decreased	MarDecr	Nn Change
GBEQ0048-3_at	Exp/Ctl	20	20		
GBEQ0123_at	Exp/Ctl	20	20		
GBEQ0296_at	Exp/Ctl	20	20		
GBEQ0330_at	Exp/Ctl	20	20		
GBEQ0355_at	Exp/Ctl	20	20		
GBEQ0390_s_at	Exp/Ctl	20	20		
GBEQ0501_at	Exp/Ctl	20	20		

ProbeSetName	Ratio	Total Comparisons	Decreased	MarDecr	Nn Change
GBEQ0634_s_at	Exp/Ctl	20	20		
GBEQ0736_at	Exp/Ctl	20	20		
GBEQ0820_at	Exp/Ctl	20	20		
GBEQ0894_at	Exp/Ctl	20	20		
GBEQ0980_at	Exp/Ctl	20	20		
GBEQ1044_at	Exp/Ctl	20	20		
GBEQ1071_at	Exp/Ctl	20	20		
GBEQ1165_at	Exp/Ctl	20	20		
GBEQ1179_at	Exp/Ctl	20	20		
GBEQ1207_at	Exp/Ctl	20	20		
GBEQ1245_at	Exp/Ctl	20	20		
GBEQ1310_at	Exp/Ctl	20	20		
GBEQ1327_at	Exp/Ctl	20	20		
GBEQ1330_at	Exp/Ctl	20	20		
GBEQ1387_at	Exp/Ctl	20	20		
GBEQ1454_at	Exp/Ctl	20	20		
GBEQ1503_at	Exp/Ctl	20	20		
GBEQ1634_at	Exp/Ctl	20	20		
GBEQ1706_at	Exp/Ctl	20	20		
GBEQ1771_at	Exp/Ctl	20	20		
GBEQ1788_at	Exp/Ctl	20	20		
GBEQ1813_at	Exp/Ctl	20	20		
GBEQ1814_at	Exp/Ctl	20	20		
GBEQ1836_at	Exp/Ctl	20	20		
GBEQ1912_s_at	Exp/Ctl	20	20		
GBEQ1993_at	Exp/Ctl	20	20		
GBEQ1997_s_at	Exp/Ctl	20	20		
GBEQ2202_at	Exp/Ctl	20	20		
GBEQ2226_at	Exp/Ctl	20	20		
GBEQ2238_at	Exp/Ctl	20	20		
GBEQ2291_at	Exp/Ctl	20	20		
GBEQ2329_at	Exp/Ctl	20	20		
GBEQ2372_at	Exp/Ctl	20	20		
GBEQ2452_at	Exp/Ctl	20	20		
GBEQ2576_at	Exp/Ctl	20	20		
GBEQ2752_at	Exp/Ctl	20	20		
GBEQ0562_s_at	Exp/Ctl	20	19		1
GBEQ0659_at	Exp/Ctl	20	19		1
GBEQ0685_at	Exp/Ctl	20	19	1	
GBEQ0872_at	Exp/Ctl	20	19	1	
GBEQ0938_at	Exp/Ctl	20	19		1
GBEQ1176_at	Exp/Ctl	20	19		1
GBEQ1205_at	Exp/Ctl	20	19		1
GBEQ1266_s_at	Exp/Ctl	20	19		1

ProbeSetName	Ratio	Total Comparisons	Decreased	MarDecr	Nn Change
GBEQ1298_at	Exp/Ctl	20	19		1
GBEQ1358_at	Exp/Ctl	20	19	1	
GBEQ1438_at	Exp/Ctl	20	19		1
GBEQ1495_at	Exp/Ctl	20	19		1
GBEQ1588_at	Exp/Ctl	20	19		1
GBEQ1916_at	Exp/Ctl	20	19		1
GBEQ1988_at	Exp/Ctl	20	19		1
GBEQ2000_at	Exp/Ctl	20	19		1
GBEQ2173_s_at	Exp/Ctl	20	19		1
GBEQ2227_at	Exp/Ctl	20	19		1
GBEQ2294_at	Exp/Ctl	20	19		1
GBEQ2481_at	Exp/Ctl	20	19		1
GBEQ2637_at	Exp/Ctl	20	19		1
GBEQ2767_at	Exp/Ctl	20	19		1
GBEQ2895_at	Exp/Ctl	20	19		1
GBEQ3079_at	Exp/Ctl	20	19		1
GBEQ3218_at	Exp/Ctl	20	19		1
GBEQ0056_s_at	Exp/Ctl	20	18		2
GBEQ0395_at	Exp/Ctl	20	18		2
GBEQ0440_s_at	Exp/Ctl	20	18	1	1
GBEQ0448_s_at	Exp/Ctl	20	18		2
GBEQ0516_at	Exp/Ctl	20	18		2
GBEQ0578_at	Exp/Ctl	20	18	1	1
GBEQ0694_s_at	Exp/Ctl	20	18		2
GBEQ0862_s_at	Exp/Ctl	20	18		2
GBEQ0887_s_at	Exp/Ctl	20	18	1	1
GBEQ1275_at	Exp/Ctl	20	18		2
GBEQ1360_at	Exp/Ctl	20	18		2
GBEQ1395_at	Exp/Ctl	20	18		2
GBEQ1457_at	Exp/Ctl	20	18		2
GBEQ1582_at	Exp/Ctl	20	18		2
GBEQ1609_at	Exp/Ctl	20	18		2
GBEQ2041_at	Exp/Ctl	20	18		2
GBEQ2063_at	Exp/Ctl	20	18		2
GBEQ2284_at	Exp/Ctl	20	18		2
GBEQ2338_at	Exp/Ctl	20	18		2
GBEQ2406_at	Exp/Ctl	20	18		2
GBEQ2437_at	Exp/Ctl	20	18		2
GBEQ2483_at	Exp/Ctl	20	18		2
GBEQ2583_at	Exp/Ctl	20	18		2
GBEQ2632_at	Exp/Ctl	20	18	1	1
GBEQ2671_at	Exp/Ctl	20	18		2
GBEQ0048-5_at	Exp/Ctl	20	17		3
GBEQ0531_at	Exp/Ctl	20	17		3

ProbeSetName	Ratio	Total Comparisons	Decreased	MarDecr	Nn Change
GBEQ0576_at	Exp/Ctl	20	17	1	2
GBEQ0632_x_at	Exp/Ctl	20	17		3
GBEQ0877_s_at	Exp/Ctl	20	17		3
GBEQ0947_s_at	Exp/Ctl	20	17		3
GBEQ0997_at	Exp/Ctl	20	17		3
GBEQ1136_s_at	Exp/Ctl	20	17	1	2
GBEQ1144_at	Exp/Ctl	20	17		3
GBEQ1168_s_at	Exp/Ctl	20	17	1	2
GBEQ1426_at	Exp/Ctl	20	17		3
GBEQ1631_at	Exp/Ctl	20	17	1	2
GBEQ1662_at	Exp/Ctl	20	17		3
GBEQ1881_at	Exp/Ctl	20	17	1	2
GBEQ1914_at	Exp/Ctl	20	17		3
GBEQ1977_at	Exp/Ctl	20	17		3
GBEQ2265_at	Exp/Ctl	20	17	2	1
GBEQ2318_at	Exp/Ctl	20	17	1	2
GBEQ2341_s_at	Exp/Ctl	20	17		3
GBEQ2616_at	Exp/Ctl	20	17		3
GBEQ2646_at	Exp/Ctl	20	17		3
GBEQ3002_at	Exp/Ctl	20	17		3
GBEQ0650_s_at	Exp/Ctl	20	16		3
GBEQ1249_s_at	Exp/Ctl	20	16		3
GBEQ2288_at	Exp/Ctl	20	16		3
GBEQ0527_at	Exp/Ctl	20	16		4
GBEQ0618_s_at	Exp/Ctl	20	16		4
GBEQ0728_at	Exp/Ctl	20	16		4
GBEQ0824_at	Exp/Ctl	20	16		4
GBEQ0886_s_at	Exp/Ctl	20	16		4
GBEQ1070_at	Exp/Ctl	20	16		4
GBEQ1107_at	Exp/Ctl	20	16		4
GBEQ1124_at	Exp/Ctl	20	16		4
GBEQ1151_at	Exp/Ctl	20	16		4
GBEQ1263_s_at	Exp/Ctl	20	16	1	3
GBEQ1566_at	Exp/Ctl	20	16		4
GBEQ1568_at	Exp/Ctl	20	16	1	3
GBEQ1630_at	Exp/Ctl	20	16	1	3
GBEQ1638_at	Exp/Ctl	20	16		4
GBEQ1686_at	Exp/Ctl	20	16		4
GBEQ1694_at	Exp/Ctl	20	16		4
GBEQ1762_at	Exp/Ctl	20	16		4
GBEQ1792_s_at	Exp/Ctl	20	16		4
GBEQ1809_at	Exp/Ctl	20	16		4
GBEQ1832_at	Exp/Ctl	20	16		4
GBEQ1876_at	Exp/Ctl	20	16	1	3

ProbeSetName	Ratio	Total Comparisons	Decreased	MarDecr	Nn Change
GBEQ1969_at	Exp/Ctl	20	16		4
GBEQ2115_at	Exp/Ctl	20	16	1	3
GBEQ2153_at	Exp/Ctl	20	16	2	2
GBEQ2334_s_at	Exp/Ctl	20	16		4
GBEQ2368_at	Exp/Ctl	20	16		4
GBEQ2455_s_at	Exp/Ctl	20	16	1	3
GBEQ2511_at	Exp/Ctl	20	16		4
GBEQ2655_at	Exp/Ctl	20	16		4
GBEQ2973_at	Exp/Ctl	20	16		4
GBEQ3020_at	Exp/Ctl	20	16		4
GBEQ3099_at	Exp/Ctl	20	16		4

**[0250] Example 12 – Gene Expression Patterns to Detect Laminitis in Horses**

[0251] Laminitis is a major cause of lameness in both cattle and horses resulting in loss of use and production in both species. The disease is characterized by the loss of the laminar structure within the hoof wall of horses and cattle. This destruction leaves the coffin bone without support, causing rotation and sinking of the bone within the hoof. Once the disease has begun, it can lead to a chronic debilitating lameness of which there is little that can be done. Although the disease is common, not much is known of its etiology and to date there are no therapies available for treatment or prevention of the disease. Currently, there are three theories on the pathogenesis of laminitis; the metabolic/toxic hypothesis, the vascular/ischemia, and the inflammatory hypothesis. This Example seeks to examine the role of inflammatory cytokines on the pathogenesis of equine laminitis.

[0252] Central inflammatory cytokines, such as, are highly expressed by monocytes and macrophages after infection, tissue damage and during systemic inflammation. Proinflammatory cytokines, IL-1 and TNF, have

numerous overlapping biological functions such as inducing other inflammatory cytokines. Microarray studies on human endothelial cells have shown 25 out of 66 genes are up-regulated in common by both IL-1 and TNF inflammatory cytokines. Some of the genes expressed by both IL-1 and TNF include, but are not limited to, chemokines, matrix metalloproteinase, inflammatory cytokines, signal transduction proteins, and metabolic proteins. Previous attempts at blocking systemic inflammation using IL-1 or TNF receptor antagonists and soluble receptors have proven in most cases to be ineffectual. This failure to produce a biological effect maybe due to the degree of overlapping between these two cytokines, not the effectiveness of the individual blocking methods. It is commonly observed that clinical laminitis is closely associated with systemic inflammatory disease, sepsis, and endotoxemia.

[0253] Normal horses euthanized for unrelated reasons had digital vessels freshly removed and the endothelium stripped from the inside surface. Clinical cases of horses with naturally occurring laminitis that were euthanized in the acute phase of the disease (<72 hours of clinical signs), had similar tissue harvest. The tissue was homogenized and RNA extracted and processed on the microarray in the same manner as described in Example 11.

[0254] Specifically, genes identified as up- and down-regulated in laminitis and representing potential markers of laminitis are graphically represented in the cluster diagram below and are listed in Table 29 below.

Table 29 – Genes that are up regulated 3-fold or down regulated 5-fold in laminitis endothelium and represent a profile of gene expression for laminitis

Fold Change			
GBEQ3087_at	8.6	GBEQ1442_at	3
GBEQ0825_at	8	GBEQ2784_at	3
GBEQ2750_at	7	GBEQ2450_at	3
GBEQ0866_at	7	GBEQ0560_at	3
GBEQ2948_at	6.1	GBEQ2982_at	3
GBEQ1467_at	5.7		
GBEQ1051_at	5.7	GBEQ0477_s_at	-5.3
GBEQ1389_at	5.3	GBEQ0279_at	-5.3
GBEQ3145_at	4.9	GBEQ1778_at	-5.3
GBEQ1198_at	4.9	GBEQ0115_at	-5.3
GBEQ1163_at	4.9	GBEQ1405_at	-5.3
GBEQ1299_at	4.6	GBEQ2501_at	-5.3
GBEQ2385_s_at	4	GBEQ2261_at	-5.3
GBEQ1326_at	4	GBEQ2786_at	-5.3
GBEQ1888_at	4	GBEQ1738_at	-5.7
GBEQ0487_at	3.7	GBEQ1564_at	-5.7
GBEQ3076_at	3.7	GBEQ2420_at	-5.7
GBEQ2567_at	3.7	GBEQ2534_at	-5.7
GBEQ2051_at	3.7	GBEQ2099_at	-5.7
GBEQ2277_at	3.7	GBEQ2186_at	-5.7
GBEQ2605_at	3.7	GBEQ1444_at	-5.7
GBEQ2344_at	3.5	GBEQ0255_at	-6.1
GBEQ2893_at	3.5	GBEQ1239_at	-6.1
GBEQ1287_at	3.5	GBEQ0067_at	-6.1
GBEQ0636_at	3.5	GBEQ1254_at	-6.1
GBEQ1489_at	3.5	GBEQ1903_at	-6.1
GBEQ0744_at	3.5	GBEQ2687_at	-6.5
GBEQ1324_at	3.5	GBEQ0701_at	-6.5
GBEQ2070_at	3.3	GBEQ0433_at	-6.5
		GBEQ0255_x_at	-7
GBEQ3144_at	3.3	GBEQ0255_s_at	-7.5
GBEQ1861_at	3.3	GBEQ0977_at	-7.5
GBEQ0400_at	3.3	GBEQ1014_at	-7.5
GBEQ0304_at	3.3	GBEQ1469_at	-8
GBEQ0616_at	3.3	GBEQ2212_at	-8.6
GBEQ1774_at	3.3	GBEQ1722_at	-8.6
GBEQ1166_at	3.3	GBEQ1497_at	-9.2
GBEQ2381_at	3.3	GBEQ2548_at	-9.2
GBEQ1178_at	3.3	GBEQ2700_s_at	-9.8
GBEQ0863_at	3.3	GBEQ0238_s_at	-9.8
GBEQ1347_at	3.3	GBEQ1911_at	-11.3
GBEQ2002_at	3	GBEQ0047_at	-13.92
GBEQ0979_at	3	GBEQ0281_at	-13.9
GBEQ0660_at	3	GBEQ0275_at	-22.6
GBEQ2132_at	3		
GBEQ3104_at	3		

**[0255] Example 13 – Construction of Canine Nucleic Acid Database and Microarray**

[0256] Example 1 was repeated to create a canine database, with some alterations made in the procedure. First, due to the limitation of the microarray size and the very large number of canine sequences publicly available, only the fully annotated 3'-complete mRNA canine coding sequences were selected. No canine ESTs were included in the processing. Otherwise, the steps were similar as in Example 1: GetCanine --> GetCDS --> CheckMRNA --> GetThreePrimeCompleteCDS --> FastaG --> ClusterG.

**[0257] Example 14 – Use of the Canine Microarray and Gene Expression Patterns to Detect Osteoarthritis in Dogs**

[0258] Articular cartilage was harvested from freshly removed osteoarthritic hip joints at joint replacement surgery and compared to age and size matched, freshly euthanized normal dogs from the humane society. Cartilage was digested in 0.2% collagenase to release the chondrocytes. Cells were allowed to grow in medium for 3 days before harvested for RNA extraction. RNA extraction was performed in the same manner as described for equine synovial cells in Example 3 and processed on the microarray. Data analysis was performed by use of commercially available software packages (Microarray suite 5.0, Affymetrix Inc, Santa Clara, CA; MicroDB, Affymetrix Inc, Santa Clara, CA; Data Mining Tool 3.0, Affymetrix Inc, Santa Clara, CA).

[0259] Expression of genes on the array was excellent for cartilage genes, approximately 47% with mean signal intensities of ~ 4,000 (See Table 30 below).



Table 30

Dog	Detection call		Present		Absent		Marginal	
	Signal Mean	Intensity Maximum	Mean signal intensity	#genes (%)	Mean signal intensity	#genes (%)	Mean signal intensity	#genes (%)
Control	1997	35235	4240	254 (45)	85	299 (53)	488	9 (2)
OA	1947	30851	3910	273 (49)	85	275 (49)	226	14 (2)

[0260] Use of this microarray on canine tissue samples has identified genes important in canine osteoarthritis (OA). Table 31 below generally shows how genes are up- and down-regulated in osteoarthritis.

Table 31

	Genes Changed			
	# Up-Regulated		# Down-Regulated	
Group	Total #	> 2-fold	Total #	> 2-fold
Control	--	--	--	--
OA	56	25	52	11

[0261] Specifically, genes identified as up and down regulated in OA and representing markers of OA are graphically represented in the cluster diagram shown in Figure 9 and are listed in Table 32 below.

Table 32 – Up-regulated and down-regulated genes in OA dog

Accession no	Fold-Change	Description
U12234	30	Canis familiaris interleukin-6 (IL-6) mRNA, complete cds.
U32086	26	Canis familiaris vascular cell adhesion molecule-1 mRNA, complete cds.
U29653	26	Canis familiaris monocyte chemoattractant protein-1 mRNA,

<i>Accession no</i>	<i>Fold- Change</i>	<i>Description</i>
L23087	12	complete cds. Canis familiaris E-selectin mRNA, complete cds.
AB098562	11	Canis familiaris RANTES mRNA for RANTES protein, complete cds.
AB054642	10	Canis familiaris mRNA for chemokine, complete cds.
AY262732	10	Canis familiaris 18S ribosomal RNA gene, partial sequence.
U10308	9	Canis familiaris interleukin-8 mRNA, complete cds.
D84397	6.5	Canis familiaris mRNA for metallothionein-1, complete cds.
AF117714	5	Canis familiaris hematopoietic antigen CD38 mRNA, complete cds.
AF077821	4.3	Canis familiaris inducible nitric oxide synthase mRNA, complete cds.
AF177217	4	Canis familiaris matrix metalloproteinase-2 (MMP-2) mRNA, partial cds.
X92505	3.5	C.familiaris mRNA for VIP17/MAL proteolipid.
S49738	3	Granulocyte-macrophage colony- stimulating factor (dogs, mRNA, 809 nt).
AF077817	3	Canis familiaris tissue inhibitor of metalloproteinases TIMP-1 mRNA, complete cds.
S42999	2.6	K-ras (dogs, spleen, mRNA Partial, 212 nt).
Proprietary	2.6	LIB4005-007-Q6-K1-A6
AB043896	2.6	Canis familiaris mRNA for Rad51, complete cds.
AF177934	2.5	Canis familiaris prostaglandin E2 receptor EP4 subtype mRNA, complete cds.
AY044905	2.3	Canis familiaris prostaglandin G/H synthase-2 mRNA, complete cds.
X05297	2.3	Dog kidney mRNA for (Na <sup>+</sup> /K <sup>+</sup> )- ATPase beta-subunit.
Proprietary	2.3	LIB4217-040-R1-K1-G8
AY057077	2.1	Canis familiaris thiopurine methyltransferase (TPMT) mRNA, complete cds, alternatively spliced.
AJ388535	2.1	Canis familiaris mRNA for partial ubiquitin carrier protein (E2-EPF gene).
AF212974		Canis familiaris gamma tubulin (TUBG)

<i>Accession no</i>	<i>Fold-Change</i>	<i>Description</i>
	2.1	mRNA, complete cds.
AF023169	-4.3	Canis familiaris type IIA procollagen mRNA, complete cds.
U65989	-4.3	Canis familiaris articular cartilage aggrecan precursor, mRNA, complete cds.
AF045773	-4	Canis familiaris adrenomedullin precursor, mRNA, complete cds.
AF525493	-3.5	Canis familiaris H11 kinase mRNA, complete cds.
U83140	-3.5	Canis familiaris biglycan mRNA, complete cds.
AF525129	-3.2	Canis familiaris protein phosphatase type 1 beta isoform mRNA, complete cds.
AF535138	-2.5	Canis familiaris cyclooxygenase mRNA, complete cds.
M35520	-2.3	C.familiaris GTP-binding protein (rab5) mRNA, complete cds.
Proprietary	-2.3	LIB4003-010-Q6-K1-H11
AB075027	-2.1	Canis familiaris hsp70 mRNA for heat shock protein 70, complete cds.
AF133250	-2.1	Canis familiaris vascular endothelial growth factor 188 (VEGF) mRNA, complete cds.

[0262] **Example 15 – Canine Microarray Gene Expression Analysis for**

**Molecular Therapy of Hip Disease**

[0263] Dogs are human's best friends. There are about 300 different dog breeds in the world as a result of a long history of gene pool selection and mixing. The modern domestic dog is unique for the study of human genetic diseases in that it has a larger pedigree than that of the small, outbred human families. Moreover, many of the ~360 known canine genetic diseases are homologs of the human disorders, including osteoarthritis secondary to hip dysplasia. These genetically complicated disorders are not fully controlled by a single gene and are suited for large-scale gene expression profiling to gain insight into the cross-talk

associated with the abnormal phenotype. The use of microarrays for gene expression studies and diagnostics is becoming well established. The use of a species-specific microarray is of critical importance for accurate biomarker identification and monitoring of highly specific markers. In cross-species hybridization on microarrays, even single nucleotide mismatches can alter the detectable gene expression and relative intensities resulting in erroneous conclusions.

[0264] Canine disease gene cloning and characterization is the major limiting step in understanding the canine diseases at the gene level. In our preliminary analyses, the current public nucleotide database (GenBank) has stored close to 2 million canine related genetic records, while only 0.1% have been annotated with genetic function. Most nucleotide entries are unknown chromosomal sequences and expressed sequence tags of unknown function. With the maturation of primarily the human and mouse databases, tens of thousands of gene sequences have been functionally identified and mapped. Such information can be used to decipher the canine sequences through comparative analysis.

[0265] In this example, we describe the design and use of a canine database, similar to that described for equine in Example 1. The design annotates sequences by Blast to a human/mouse coding sequence database, trims for high quality sequence, substantially reduces duplication, and selects for 3' complete sequencing to permit high resolution probe design critical for ribonucleic acid (RNA) detection by current technology that involves 3' amplification.

[0266] Osteoarthritis (OA) is a debilitating disease affecting both canine and human patients. It is one of the most common sources of chronic pain treated by veterinarians, estimated to affect one in five of 68 million adult dogs and commonly affects the hip joint secondary to hip dysplasia. Accordingly, the incidence of musculoskeletal pathology in dogs less than one year of age has been estimated at 22%, often related to hip dysplasia. Use of large-scale gene expression profiling of osteoarthritic cartilage to assess phenotype and alterations with experimental manipulation are beginning to appear in the literature, including IL-1.

[0267] This example describes the generation of an exhaustive canine database for gene expression and applies this information to large-scale microarray analysis to assess the ability of molecular therapy to promote a regenerative phenotype in canine osteoarthritic (OA) cartilage. This example captures current state of the art technology made possible from the recent canine genome sequencing projects for both public academic use and the use in profiling inducible cellular dedifferentiation pathways of OA chondrocytes.

[0268] The current > 1.5 million canine sequences on the public database will likely condense to < 40,000 high quality, unique annotated canine sequences most of which will contain the criteria necessary for inclusion on a microarray, such as 3'-bias, and also, the bone morphogenetic protein-2 (BMP-2) in combination with interleukin-1 receptor antagonist (IL-1ra) will induce gene expression patterns involving hundreds of genes that profile a healthier chondrocyte phenotype, including aggrecan and type II collagen up-regulation and metalloproteinase down-regulation.

[0269] This example describes the curation, pruning, and annotation of the public canine nucleotide database so it can be used for further canine genomic functional analysis or for generating canine species-specific large-scale gene expression microarrays. These data may complement the recent commercial canine high-density microarrays (Affymetrix), and allow for comparison of gene expression patterns of OA hip cartilage from dysplastic dogs that have been genetically engineered to express BMP-2 and/or IL-1ra as a measure of an induced de-differentiation gene expression profile typical of more healthy chondrocytes. This example proves initial efficacy of novel molecular therapies for hip dysplasia that can be delivered by joint injection, offering a pain-relieving and disease-modifying therapy.

[0270] The approach used to obtain the equine database was through queries to NCBI, and downloaded the result to the desktop computer. For equine sequences (~20,000 records), this is acceptable. However, for dog, it may be difficult to download ~ 2 million records in GenBank format from the web to the local computer (PC) by query. Thus, for canine genomic sequences, a file transfer protocol can be used instead to directly transfer the file from NCBI.

[0271] In detail, a canine nucleotide sequence database is obtained from GenBank through file transfer protocol (<ftp://ftp.ncbi.nih.gov>). As described in Example 1, Java-based software programs are used to sequentially: 1) curate sequences specific to *canis familiaris*, 2) select coding sequences, 3) select high-quality, vector-trimmed regions of expressed sequence tags (ESTs), 4) convert to FASTA format, 5) prune by cluster analysis to eliminate duplication, and 6) select sequences with complete 3' sequencing. For annotation and sense orientation

confirmation, the canine ESTs are blasted against a similarly generated Human/MouseCDS using the BlastN algorithm at the Ohio SuperComputer Center facility. Sequences below the threshold E value ( $< 10^{-8}$ ) are selected for further annotation. Annotated sequences are blasted against the fully annotated SwissProt protein database to further confirm annotation and sequence orientation. Table 35 lists an annotation of the canine sequences identified in accordance with the invention; Table 36 shows the canine sequences (SEQ ID NOS 3290-3797).

[0272] Other embodiments of the invention will be apparent to those skilled in the art from consideration of the specification and practice of the invention disclosed herein. It is intended that the specification and examples be considered as exemplary only, with a true scope and spirit of the invention being indicated by the following claims.

# APPENDIX A



```

/**
 * Title:      CheckMRNA Class<p>
 * Description: This program reads an input sequence file that is in
GenBank format.
 *
 *           It checks the feature of the input sequences. If the
sequence is mRNA,
 *           then the sequence in GenBank format is stored in the
mRNA output file.
 *           If it is DNA, then the sequence in GenBank format is
stored in the DNA output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class CheckMRNA
{
    public static void main (String[] args)
    {
        boolean write = false;
        boolean stop = false;
        String record = "";
        String Locus = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        String filename3 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file that is in ");
            System.out.println("GenBank format. It checks the feature of the
input sequences.");
            System.out.println("If the sequence is mRNA, then the sequence in
GenBank format");
            System.out.println("is stored in the mRNA output file. If it is
DNA, then the");
            System.out.println("sequence in GenBank format is stored in the
DNA output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the mRNA file name to write: ");
            filename2 = in.readLine();
            System.out.println("Please enter the DNA file name to write: ");
            filename3 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
    }
}

```

```

    }
    try
    {
        BufferedReader reader = new BufferedReader(new FileReader
(filename1));
        File logFile = new File(filename2);
        LogWriter lw = new LogWriter(logFile);
        File logFile1 = new File(filename3);
        LogWriter lw1 = new LogWriter(logFile1);
        int i=0;
        int a = 0;
        int b = 0;
        int c = 0;
        int d = 0;
        int m = 0; int M = 0;
        String input=""; String rec=""; String temp = "";
        while( (input = reader.readLine()) != null )
        {
            if ( stop == false && input.length() > 5 )
            {
                if ( input.charAt(0) == 'L' && input.charAt(1) == 'O' &&
                    input.charAt(2) == 'C' && input.charAt(3) == 'U' &&
input.charAt(4) == 'S' )
                {
                    stop = true;
                    Locus = input.substring(12);
                    for ( int e = 0; e < Locus.length()-3; e++ )
                    {
                        if ( Locus.charAt(e) == 'm' && Locus.charAt(e+1) == 'R'
                            && Locus.charAt(e+2) == 'N' && Locus.charAt(e+3) ==
'A' )
                        {
                            write = true;
                            break;
                        }
                    }
                }
            }
            if ( write == true )
            {
                lw.writeToFile(input + "\n");
            }
            else
            {
                lw1.writeToFile(input+"\n");
            }
            if ( input.equals("/") )
            {
                if ( write == true )
                {
                    m++;
                }
                else
                {
                    i++;
                }
                stop = false;
                write = false;
            }
        }
        System.out.println("\n\nThe number of mRNA sequences is: " + m +
"\n");
        System.out.println("\n\nThe number of DNA sequences is: " + i +
"\n");
    }
}

```

```
        catch (Exception e)
        {
            System.out.println("CANNOT OPEN!");
        }
    }
```

```

/**
 * Title:          CheckThreePrimeCompleteCDS Class<p>
 * Description:    This program reads an input cds sequence file that is
                  originated from the
 *                CheckCDS program. If the sequence contains stop codon
                  at the 3' end,
 *                the sequence in GenBank format is stored in the 3'
                  complete output file; otherwise
 *                the sequence is stored in the 5' partial output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class CheckThreePrimeCompleteCDS
{
    public static void main (String[] args)
    {
        boolean write1 = false; boolean write2 = false;
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        String filename3 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input cds
sequence");
            System.out.println("file that is originated from the CheckCDS
program.");
            System.out.println("If the sequence contains stop codon at the 3'
end,");
            System.out.println("the sequence in GenBank format is stored in
the 3'");
            System.out.println("complete output file; otherwise the sequence
is stored");
            System.out.println("in the 5' partial output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the complete CDS file name to
write: ");
            filename2 = in.readLine();
            System.out.println("Please enter the 5' partial CDS file name to
write: ");
            filename3 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
    }
}

```

```

    }
    try
    {
        BufferedReader reader = new BufferedReader(new FileReader
(filename1));
        File logFile = new File(filename2);
        LogWriter lw = new LogWriter(logFile);
        File logFile1 = new File(filename3);
        LogWriter lw1 = new LogWriter(logFile1);
        int i=0;
        int a = 0;
        int b = 0;
        int c = 0;
        int d = 0;
        int m = 0;
        int n = 0; int M = 0; int N = 0;
        String input=""; String rec=""; String temp = ""; String tem = "";
        while( (input = reader.readLine()) != null )
        {
            rec = rec + input + "\n";
            if (input.length() > 18)
            {
                temp = input.substring(5, 17);
                if (temp.equals("CDS      ") )
                {
                    M++;
                    tem = input.trim();
                    for ( N = 0; N < tem.length(); N++ )
                    {
                        if ( tem.charAt(N) == '>' )
                        {
                            write2 = true; // write partial cds file
                            break;
                        }
                    }
                }
            }
            if (input.equals("//") )
            {
                record = rec;
                rec = "";
                if ( write2 == false )
                {
                    if ( record.length() > 1 )
                    {
                        lw.writeToFile(record+"\n" + "\n");
                        m++;
                    }
                }
                else
                {
                    if (record.length() > 1 )
                    {
                        lw1.writeToFile(record + "\n" + "\n");
                        n++;
                    }
                }
                writel = false; write2 = false;
                i++;
            }
        }
    }
}

```

```
        System.out.println("\n\nThe number of 3' CDS sequences is: " + m +
"\n");
        System.out.println("\n\nThe number of 5' partial CDS sequences is:
" + n + "\n");
        System.out.println("\n\nThe number of total sequences is: " + i +
"\n");
        System.out.println("\n\nThe number of total CDS is: " + M + "\n");
    }
    catch (Exception e)
    {
        System.out.println("CANNOT OPEN!");
    }
}
```

```

/**
 * Title:      ClusterG Class<p>
 * Description: This program reads an input sequence file that is in
FASTA format.
 *
 *           It compares the similarity between sequences. If the
sequences are found >90%
 *           identical match, only the longest sequence is kept in
the output file.
 */
import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class ClusterG
{
    public static void main (String[] args)
    {
        boolean stop = true;
        String [] record1 = new String[40000];
        String [] Accession1 = new String[40000];
        for ( int r = 0; r < 40000; r ++ )
        {
            record1[r] = "";
            Accession1[r] = "";
        }
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        String filename3 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file that");
            System.out.println("is in FASTA format. It compares the
similarity");
            System.out.println("between sequences. If the sequences are found
>90%");
            System.out.println("identical match, only the longest sequence is
kept");
            System.out.println("in the output file.");
            System.out.println("\nPlease enter the first file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename3 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
    }
}

```

```

try
{
    BufferedReader reader1 = new BufferedReader(new FileReader
(filename1));
    File logFile = new File(filename3);
    LogWriter lw = new LogWriter(logFile);
    int i=0;
    int a = 0;
    int b = 0; int A = 0;
    int c = 0;
    int d = 0;
    int m = 0;
    int count = 0;
    int length = 0;
    int length1 = 0;
    int length2 = 0;
    char ch1; char ch2;
    String input=""; String rec=""; String temp = ""; String rec1 =
"";
    System.out.println("Start...");
    while( (input = reader1.readLine()) != null )
    {
        if ( input.charAt(0) == '>' )
        {
            Accession1[a] = input;
            a++;
        }
        else
        {
            record1[b] = input;
            b++;
        }
    }
    System.out.println("A: " + a);
    for ( c = 0; c < a; c++ )
    {
        length1 = record1[c].length();
        if (length1 < 100 )
            continue;
        else
        {
            count = 0;
            for ( d =0; d < a; d++ )
            {
                if ( count == 99999999 )
                {
                    count = 0;
                    break;
                }
                if ( d == c )
                    continue;
                length2 = record1[d].length();
                if ( length2 < 100 )
                    continue;
                if ( length2 >= length1 )
                {
                    rec1 = record1[c].substring(length1/4, 3*length1/4);
                    length = rec1.length();
                    for ( int w = 0; w < length2 - length + 1; w++ )
                    {
                        A = 0;

```



```

        count = 0;
        temp = record1[d].substring(w, w + length );
        for ( int e = 0; e < length; e++ )
        {
            A++;
            ch1 = rec1.charAt(e);
            ch2 = temp.charAt(e);
            if ( ch1 == ch2 )
                count++;
            if ( A > length/3 && (A-count)>(0.1*length+1) )
                break;
        }
        if ( count > (0.9 * length) )
        {
            Accession1[d] = Accession1[d] + "/" + Accession1[c];
            record1[c] = "0";
            Accession1[c] = "0";
            count = 99999999;
            break;
        }
        else
            count = 0;
    }
}

}

}

}

System.out.println("Done!");
i = 0;
for ( int M = 0; M < a; M++ )
{
    if ( record1[M].length() < 100 )
    {}
    else
    {
        lw.writeToFile(Accession1[M] + "\n");
        lw.writeToFile(record1[M] + "\n");
        i++;
    }
}
System.out.println("Total cluster is " + i);
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
}

```

```

/**
 * Title:          FastaG Class<p>
 * Description:    This program reads an input sequence file that is in
GenBank format.
 *
 *                It extracts the features of Definition, Accession
number and Version number
 *                which are put in the header line of the FASTA format,
followed by the sequence
 *                itself and stored in an output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class FastaG
{
    public static void main (String[] args)
    {
        char ch;
        boolean stop2 = true;
        boolean stop1 = false;
        String record1 = "";
        String record2 = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file that is");
            System.out.println("in GenBank format. It extracts the features of
Definition,");
            System.out.println("Accession number and Version number which are
put in the header");
            System.out.println("line of the FASTA format, followed by the
sequence itself and");
            System.out.println("stored in an output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename2 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
        try
        {
            BufferedReader reader = new BufferedReader(new FileReader

```

```

(filename1));
File logFile = new File(filename2);
LogWriter lw = new LogWriter(logFile);
int i=0;
int a = 0;
int b = 0;
int c = 0;
int d = 0;
int m = 0;
String input=""; String sequence=""; String rec1=""; String rec2
= ""; String temp = "";
while( (input = reader.readLine()) != null )
{
    if (input.length() > 11)
    {
        temp = input.substring(0, 10);
        if ( temp.equals("DEFINITION") )
        {
            Definition = input.substring(12);
            a++;
        }
        else if ( a >= 1 && temp.equals(" ") )
        {
            Definition += " " + input.substring(12);
        }
        else if ( temp.equals("ACCESSION ") )
        {
            Accession = input.substring(12);
            a = 0;
        }
        else if ( temp.equals("VERSION ") )
        {
            Version = input.substring(12);
        }
        else if (temp.equals("ORIGIN ") )
        {
            record1 = rec1;
            rec1 = "";
            stop2 = false;
            input = "";
        }
    }
    if ( stop2 == false )
    {
        rec2 = rec2 + input + "\n";
    }
    if (input.equals("//") && rec2.length() > 0 )
    {
        record2 = rec2;
        rec2 = "";
        rec1 = "";
        stop2 = true;
        stop1 = false;
        for (int f = 0; f < record2.length(); f++)
        {
            ch = Character.toLowerCase(record2.charAt(f));
            if(ch == 'a' || ch == 'g' || ch == 'n'
                || ch == 'c' || ch == 't' || ch == 'u'
                || ch == 'r' || ch == 'y' || ch == 'k'
                || ch == '-' || ch == 'm' || ch == 's'
                || ch == 'd' || ch == 'b' || ch == 'w'

```

```
        || ch == 'h' || ch == 'v')
    {
        sequence = sequence + ch;
    }
}
System.out.println(">" + "|Acc|" + Accession + "|Ver|" + Version
+ "|" + Definition + "\n" + sequence + "\n");
lw.writeToFile(">" + "|Acc|" + Accession + "|Ver|" + Version +
|"|" + Definition + "\n" + sequence + "\n");
i++;
sequence = "";
}
}
lw.writeToFile("Total files are: " + i + "\n" );
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
}
```

```

/**
 * Title:          GetCDS Class<p>
 * Description:    This program reads an input sequence file that is in
GenBank format.
 *               It checks if the input sequences have coding sequence
features. If yes,
 *               then the sequence in GenBank format is stored in the
 *               cds output file.
 *               Otherwise, the sequence in GenBank format is stored in
the non-cds output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class GetCDS
{
    public static void main (String[] args)
    {
        boolean write = false;
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < .0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file that is");
            System.out.println("in GenBank format. It checks if the input
sequences have coding");
            System.out.println("sequence features. If cds, then the sequence
in GenBank format");
            System.out.println("is stored in the cds output file. Otherwise,
the sequence in");
            System.out.println("GenBank format is stored in the non-cds
output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename2 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
        try
        {
            BufferedReader reader = new BufferedReader(new FileReader
(filename1));

```

```
File logFile = new File(filename2);
LogWriter lw = new LogWriter(logFile);
int i=0;
int a = 0;
int b = 0;
int c = 0;
int d = 0;
int m = 0;
String input=""; String rec=""; String temp = "";
while( (input = reader.readLine()) != null )
{
    rec = rec + input + "\n";
    if (input.length() > 23)
    {
        temp = input.substring(5, 17);
        if (temp.equals("CDS      "))
        {
            write = true;
        }
    }
    if (input.equals("//") )
    {
        record = rec;
        rec = "";
        if ( write == true && record.length() > 1 )
        {
            lw.writeToFile(record+"\n" + "\n");
            m++; // number of sequences;
        }
        write = false;
        i++;
    }
}
lw.writeToFile("\n\nThe number of sequences is: " + m + "\n");
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
```

```

/**
 * Title:      GetEquine Class<p>
 * Description: This program reads an input sequence file that is in
GenBank format.
 *           It checks the source of the input sequences. If the
sequence is from equus caballus,
 *           then the sequence in GenBank format is stored in the
output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class GetEquine
{
    public static void main (String[] args)
    {
        boolean stop = false;
        String Locus = "";
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description:  This program reads an input
sequence file that");
            System.out.println("is in GenBank format. It checks the source of
the input sequences.");
            System.out.println("If the sequence is from equus caballus, then
the sequence in GenBank");
            System.out.println("format is stored in the output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename2 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
        try
        {
            BufferedReader reader = new BufferedReader(new FileReader
(filename1));
            File logFile = new File(filename2);
            LogWriter lw = new LogWriter(logFile);
            int i=0;
            int a = 0;

```

```

int b = 0;
int c = 0;
int d = 0;
int m = 0;
String input=""; String rec=""; String temp = "";
while( (input = reader.readLine()) != null )
{
    if (input.length() > 10)
    {
        temp = input.substring(0, 10);
        if ( temp.equals("LOCUS      ") )
        {
            Locus = input.substring(12);
        }
        else if (temp.equals("DEFINITION"))
        {
            Definition = input.substring(12);
            System.out.println("DEFINITION: " + Definition);
            a++;
        }
        else if ( a >= 1 && temp.equals("      ") )
        {
            Definition = Definition + " " + input.substring(12);
        }
        else if ( temp.equals("ACCESSION ") )
        {
            Accession = input.substring(12);
            System.out.println("ACCESSION: " + Accession);
            b++;
            a = 0;
        }
        else if ( temp.equals("VERSION   ") )
        {
            Version = input.substring(12);
            System.out.println("VERSION: " + Version);
            c++;
        }
        else if (temp.equals("SOURCE      ") )
        {
            Source = input.substring(12);
            System.out.println("SOURCE: " + Source);
            if ( Source.equals("Equus caballus") || Source.equals
("Equus caballus (horse)") )
            {
                stop = false;
                rec = "";
            }
        }
        if (stop == false)
        {
            rec = rec + input + "\n";
            if (rec.length() > 10000000)
            {
                stop = true;
                rec = "";
            }
        }
    }
    if (input.equals("//") )
    {
        stop = true;
    }
}

```



```
        record = rec;
        rec = "";
        if ( Source.equals("Equus caballus") || Source.equals("Equus
caballus (horse)" ) )
        {
            lw.writeToFile("LOCUS      " + Locus + "\n");
            lw.writeToFile("DEFINITION  " + Definition + "\n");
            lw.writeToFile("ACCESSION   " + Accession + "\n");
            lw.writeToFile("VERSION     " + Version + "\n");
            lw.writeToFile(record + "\n" + "/" + "\n");
            m++; // number of sequences;
        }
        i++;
    }
    lw.writeToFile("\n\nThe number of sequences is: " + m + "\n");
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
```

```

/**
 * Title:      GetPolyAEST Class<p>
 * Description: This program reads an input sequence file that is in
GenBank format.
 *           It checks the polyA features in the sequence file. If
the sequence with "PolyA=Yes"
 *           or "PolyA=No", that sequence in GenBank format is
stored in the output file.
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class GetPolyAEST
{
    public static void main (String[] args)
    {
        boolean stop = true;
        boolean write = false;
        String Locus = "";
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        String filename3 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file");
            System.out.println("that is in GenBank format. It checks the
polyA features");
            System.out.println("in the sequence file. If the sequence has
feature of PolyA=Yes");
            System.out.println("or PolyA=No, that sequence in GenBank format
is");
            System.out.println("stored in the output file.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("\nPlease enter the PlyA file name to write:
");
            filename2 = in.readLine();
            System.out.println("Please enter the NonPolyA file name to write:
");
            filename3 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
    }
}

```

```

try
{
    BufferedReader reader = new BufferedReader(new FileReader
(filename1));
    File logFile = new File(filename2);
    LogWriter lw = new LogWriter(logFile);
    File logFile1 = new File(filename3);
    LogWriter lw1 = new LogWriter(logFile1);
    int i=0;
    int a = 0;
    int b = 0;
    int c = 0;
    int d = 0;
    int m = 0; int n = 0;
    String input=""; String rec=""; String temp = "";
    while( (input = reader.readLine()) != null )
    {
        if (input.length() > 10)
        {
            temp = input.substring(0, 10);
            if ( temp.equals("LOCUS      ") )
            {
                Locus = input.substring(12);
            }
            else if (temp.equals("DEFINITION"))
            {
                Definition = input.substring(12);
                System.out.println("DEFINITION: " + Definition);
                a++;
            }
            else if ( a >= 1 && temp.equals("      ") )
            {
                Definition = Definition + " " + input.substring(12);
            }
            else if ( temp.equals("ACCESSION ") )
            {
                Accession = input.substring(12);
                System.out.println("ACCESSION: " + Accession);
                b++;
                a = 0;
            }
            else if ( temp.equals("VERSION   ") )
            {
                Version = input.substring(12);
                System.out.println("VERSION: " + Version);
                c++;
            }
            else if (temp.equals("SOURCE      ") )
            {
                Source = input.substring(12);
                System.out.println("SOURCE: " + Source);
                if ( Source.equals("Equus caballus") || Source.equals
("Equus caballus (horse)") )
                {
                    stop = false;
                    rec = "";
                }
            }
            if (stop == false)
            {
                rec = rec + input + "\n";
            }
        }
    }
}

```

```

        if (rec.length() > 1000000)
        {
            stop = true;
            rec = "";
        }
    }
    for ( int w = 0; w < input.length()-5; w++ )
    {
        if ( input.charAt(w) == 'P' && input.charAt(w+1) == 'O' &&
            input.charAt(w+2) == 'L' && input.charAt(w+3) == 'Y' &&
            input.charAt(w+4) == 'A' && input.charAt(w+5) == '=' )
        {
            write = true;
            break;
        }
    }
    if (input.equals("//") )
    {
        stop = true;
        record = rec;
        rec = "";
        System.out.println("DEFINITION: " + Definition);
        System.out.println("ACCESSION: " + Accession);
        System.out.println("VERSION: " + Version);
        System.out.println(record);
        if ( write == true )
        {
            lw.writeToFile("LOCUS      " + Locus + "\n");
            lw.writeToFile("DEFINITION  " + Definition + "\n");
            lw.writeToFile("ACCESSION   " + Accession + "\n");
            lw.writeToFile("VERSION    " + Version + "\n");
            lw.writeToFile(record + "\n" + "/" + "\n");
            m++; // number of sequences;
        }
        else
        {
            lw1.writeToFile("LOCUS      " + Locus + "\n");
            lw1.writeToFile("DEFINITION  " + Definition + "\n");
            lw1.writeToFile("ACCESSION   " + Accession + "\n");
            lw1.writeToFile("VERSION    " + Version + "\n");
            lw1.writeToFile(record + "\n" + "/" + "\n");
            n++;
        }
        write = false;
    }
    System.out.println("The number of PolyA sequences is: " + m +
"\n");
    System.out.println("The number of NonPolyA sequences is: " + n);
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
}

```

```

/**
 * Title:      GetRC Class<p>
 * Description: This program reads an input sequence file that is in
FASTA format.
 *           It converts the sequence to its reverse complementary
sequence and stores in the output file.
 */
import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;

public class GetRC
{
    public static void main (String[] args)
    {
        boolean stop = true;
        String record = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        String filename3 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This program reads an input
sequence file that");
            System.out.println("is in FASTA format. It converts the sequence
to its reverse");
            System.out.println("complementary sequence and stores in the
output file.");
            System.out.println("\nPlease enter the first file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename3 = in.readLine();
        }
        catch (IOException ie)
        {
            System.out.println(ie);
        }
        try
        {
            BufferedReader reader1 = new BufferedReader(new FileReader
(filename1));
            File logFile = new File(filename3);
            .LogWriter lw = new LogWriter(logFile);
            int i=0;
            int a = 0;
            int b = 0;
            int c = 0;
            int d = 0;
            int m = 0;

```

```

int count = 0;
int length1 = 0;
int length2 = 0;
char ch1; char ch2;
String input=""; String rec=""; String temp = "";
System.out.println("Start...");
while( (input = reader1.readLine()) != null )
{
    if ( input.charAt(0) == '>' )
    {
        Accession = input.substring(1);
        lw.writeToFile(">|RC" + Accession + "\n");
    }
    else
    {
        temp = input;
        for ( int f = 0; f < temp.length(); f++ )
        {
            ch1 = Character.toLowerCase(temp.charAt(f));
            if ( ch1 == 'a' )
                ch1 = 't';
            else if ( ch1 == 't' )
                ch1 = 'a';
            else if ( ch1 == 'g' )
                ch1 = 'c';
            else if ( ch1 == 'c' )
                ch1 = 'g';
            rec = rec + ch1;
        }
        for ( int f1 = rec.length()-1; f1 > -1; f1-- )
        {
            ch2 = Character.toLowerCase(rec.charAt(f1));
            record = record + ch2;
        }
        temp = ""; rec = "";
        lw.writeToFile(record + "\n");
        record = "";
    }
    a++;
    System.out.println("open...  " + a);
}
System.out.println("OPEN...  " + a);
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
}

```

```

/**
 * Title:      HighQualityEST Class<p>
 * Description: This Program selects the high quality region of the
equine ESTs
 *              based on the start and stop features in the GenBank
format
 */

import java.lang.*;
import java.io.IOException;
import java.io.*;
import java.util.*;
// trim number adn blanks

public class HighQualityEST
{
    public static void main (String[] args)
    {
        char ch;
        boolean stop2 = true;
        boolean add = true;
        boolean stop1 = false;
        String record1 = "";
        String record2 = "";
        String Version = "";
        String GI = ""; String Accession = "";
        String Definition = "";
        String Source = "";
        String filename1 = "";
        String filename2 = "";
        BufferedReader in = new BufferedReader(new InputStreamReader
                                                (System.in));

        if(args.length < 0)
        {
            System.out.println("Please provide a file name");
            System.exit(0);
        }
        try
        {
            System.out.println("Description: This Program selects the high
quality");
            System.out.println("region of the equine ESTs based on the start
and");
            System.out.println("stop features in the GenBank format.");
            System.out.println("\nPlease enter the original file name: ");
            filename1 = in.readLine();
            System.out.println("Please enter the file name to write: ");
            filename2 = in.readLine();
        }
        catch (IOException ie)
        {}
        try
        {
            BufferedReader reader = new BufferedReader(new FileReader
(filename1));
            File logFile = new File(filename2);
            LogWriter lw = new LogWriter(logFile);
            int i=0;
            int a = 0;
            int b = 0;
            int c = 0;

```

```

int d = 0;
int m = 0; String tem1 = "";
String input=""; String sequence= ""; String rec1="";
String rec2 = ""; String temp = ""; String tem = "";
String T = ""; String start = ""; String stop = "";
String Sequence = ""; int Start = 0; int Stop = 0; String seq =
"";
while( (input = reader.readLine()) != null )
{
    if (input.length() > 11)
    {
        temp = input.substring(0, 10);
        if ( temp.equals("DEFINITION") )
        {
            Definition = input.substring(12);
            a++;
        }
        else if ( a >= 1 && temp.equals(" ") )
        {
            Definition += " " + input.substring(12);
        }
        else if ( temp.equals("ACCESSION ") )
        {
            Accession = input.substring(12);
            a = 0;
        }
        else if ( temp.equals("VERSION ") )
        {
            Version = input.substring(12);
        }
        else if (temp.equals("ORIGIN ") )
        {
            record1 = rec1;
            rec1 = "";
            stop2 = false;
            input = "";
        }
    }
    if ( input.length() > 12 )
    {
        tem = input.substring(12);
        if ( tem.charAt(tem.length()-1) == '.' )
            tem1 = tem.substring(0, tem.length()-1);
        else
            tem1 = tem;
        if ( tem1.length() > 28 )
        {
            T = tem1.substring(0, 28);
            if ( T.equals("High quality sequence start:"))
            {
                start = tem1.substring(29);
                System.out.println("START: " + start);
            }
            else if ( T.equals("High quality sequence stop: "))
            {
                stop = tem1.substring(28);
                stop = stop.trim();
                System.out.println("STOP: " + stop + "II");
            }
        }
    }
}

```



```

if ( stop2 == false )
{
    rec2 = rec2 + input + "\n";
    if ( rec2.length() > 100000 )
    {
        stop2 = true;
        rec2 = "";
    }
}
if (input.equals("/") && rec2.length() > 0 )
{
    if ( start.equals("") )
        start = "1";
    //if (stop.equals("") )
    // stop = "0";
    record2 = rec2;
    rec2 = "";
    rec1 = "";
    stop2 = true;
    stop1 = false;
    for (int f = 0; f < record2.length(); f++)
    {
        ch = Character.toLowerCase(record2.charAt(f));
        if(ch == 'a' || ch == 'g' || ch == 'n'
            || ch == 'c' || ch == 't' || ch == 'u'
            || ch == 'r' || ch == 'y' || ch == 'k'
            || ch == '-' || ch == 'm' || ch == 's'
            || ch == 'd' || ch == 'b' || ch == 'w'
            || ch == 'h' || ch == 'v')
        {
            sequence = sequence + ch;
        }
    }
    if (stop.equals("") )
        Stop = sequence.length();
    else
    {
        Stop = Integer.parseInt(stop);
        if ( Stop > sequence.length() )
            Stop = sequence.length();
    }
    Start = Integer.parseInt(start);
    Sequence = sequence.substring(Start-1, Stop);
    for (int F = 0; F < Sequence.length(); F++)
    {
        ch = Character.toLowerCase(Sequence.charAt(F));
        if(ch == 'a' || ch == 'g' || ch == 'n'
            || ch == 'c' || ch == 't')
        {
            seq = seq + ch;
        }
    }
    System.out.println(">" + "|Acc|" + Accession + "|Ver|" +
        Version + "|" + Definition + ":Start:" + start + ":Stop:" + Stop + "\n" +
        seq + "\n");
    lw.writeToFile(">" + "|Acc|" + Accession + "|Ver|" + Version +
        "|" + Definition + ":Start:" + start + ":Stop:" + Stop + "\n" + seq +
        "\n");
    i++;
    sequence = "";
    start = "";
}

```

```
        stop = "";
        Sequence = "";
        Start = 0;
        Stop = 0;
        seq = "";
    }
    }
    lw.writeToFile("Total files are: " + i + "\n" );
}
catch (Exception e)
{
    System.out.println("CANNOT OPEN!");
}
}
} //end of cla
```

```
import java.io.*;

/**
 * Title:      LogWriter Class<p>
 * Description: This class provides tool to write String to a file
 */

public class LogWriter
{
    private Writer w;

    /**
     * Constructor
     * @param    File printFile
     * @throws   IOException
     */
    public LogWriter(File printFile) throws IOException
    {
        w = new OutputStreamWriter (new FileOutputStream(printFile));
    }

    /**
     * Method to write a String to file
     * @param    String message
     * @return   void
     */
    public synchronized void writeToFile(String message)
    {
        try
        {
            w.write(message);
            w.flush();
        } catch(IOException e)
        {
            System.out.println("Error in writing the message " + message);
        }
    }

    /**
     * Method to close a file
     * @param    void
     * @return   void
     */
    public synchronized void closeFile() throws IOException
    {
        w.close();
    }
}
```

# TABLE 33

## name database description

GBEQ0001 GenBank Acc|AJ311673|Ver|AJ311673.1 GI:18369730|Equus caballus partial 18S rRNA gene.

GBEQ0002 GenBank Acc|AF134233 REGION: <6..267|Ver|AF134233.1 GI:7416875|Equus caballus parathyroid hormone (PTH) gene, partial cds.

GBEQ0005 GenBank Acc|AJ318334|Ver|AJ318334.1 GI:14530095|Equus caballus partial mRNA for high affinity IgE receptor gamma subunit (fcer1g gene).

GBEQ0006 GenBank Acc|AJ318332|Ver|AJ318332.1 GI:14530093|Equus caballus partial mRNA for high affinity IgE receptor beta subunit (fcer1b gene).

GBEQ0007 GenBank Acc|AJ555215|Ver|AJ555215.1 GI:30348604|Equus caballus mRNA for GLUT5 fructose transporter (slc2A5 gene).

GBEQ0008 GenBank Acc|AY225156|Ver|AY225156.1 GI:29888041|Equus caballus clone 7-7 putative MHC class I antigen pseudogene mRNA, partial sequence.

GBEQ0009 GenBank Acc|AY040863|Ver|AY040863.1 GI:19031196|Equus caballus kappa casein mRNA, complete cds.

GBEQ0010 GenBank Acc|AY040862|Ver|AY040862.1 GI:19031194|Equus caballus alpha s1 casein mRNA, complete cds.

GBEQ0011 GenBank Acc|AF214526|Ver|AF214526.2 GI:14456686|Equus caballus beta-casein precursor, mRNA, complete cds.

GBEQ0012 GenBank Acc|D30688 D13818|Ver|D30688.1 GI:1132476|Equus caballus mRNA for cytochrome P-450 17 alpha-hydroxylase/C17,20-lyase, complete cds.

GBEQ0013 GenBank Acc|AF538056|Ver|AF538056.2 GI:29570809|Equus caballus antimicrobial peptide NK-lysin (NKL) mRNA, complete cds.

GBEQ0014 GenBank Acc|AY229893|Ver|AY229893.1 GI:29423752|Equus caballus calbindin-D9k mRNA, complete cds.

GBEQ0015 GenBank Acc|AF257470|Ver|AF257470.1 GI:7804968|Equus caballus calcitonin gene related peptide II precursor, mRNA, complete cds.

GBEQ0016 GenBank Acc|AF249307|Ver|AF249307.1 GI:8101033|Equus caballus calcitonin mRNA, complete cds.

- GBEQ0017 GenBank Acc|AF257471|Ver|AF257471.1 GI:7804970|Equus caballus calcitonin gene related peptide I precursor, mRNA, complete cds.
- GBEQ0018 GenBank Acc|AJ312379|Ver|AJ312379.1 GI:18996192|Equus caballus partial mRNA for immunoglobulin gamma 3 heavy chain constant region (IGHG3 gene), exon 1-4.
- GBEQ0019 GenBank Acc|AJ300675|Ver|AJ300675.1 GI:15020815|Equus caballus partial mRNA for immunoglobulin gamma 1 heavy chain constant region (IGHC1 gene).
- GBEQ0020 GenBank Acc|AB088683|Ver|AB088683.1 GI:28557062|Equus caballus PFKM mRNA for muscle-type phosphofructokinase, complete cds.
- GBEQ0021 GenBank Acc|AJ012610|Ver|AJ012610.1 GI:4469170|Equus caballus mRNA for aromatase.
- GBEQ0022 GenBank Acc|AY184957|Ver|AY184957.1 GI:28300295|Equus caballus retinoblastoma binding protein 6 mRNA, complete cds.
- GBEQ0023 GenBank Acc|AY184956|Ver|AY184956.1 GI:28300293|Equus caballus interleukin 8 (IL8) mRNA, complete cds.
- GBEQ0024 GenBank Acc|D14523|Ver|D14523.1 GI:406208|Equus caballus mRNA for ferritin light chain, complete cds.
- GBEQ0025 GenBank Acc|AB100030|Ver|AB100030.1 GI:27807633|Equus caballus EPO mRNA for erythropoietin, complete cds.
- GBEQ0026 GenBank Acc|AB079136|Ver|AB079136.1 GI:27544234|Equus caballus EDN2 mRNA for preproendothelin-2, complete cds.
- GBEQ0027 GenBank Acc|AY177142|Ver|AY177142.1 GI:27543372|Equus caballus smoothened (SMO) mRNA, partial cds.
- GBEQ0028 GenBank Acc|AJ459964|Ver|AJ459964.1 GI:26189921|Equus caballus mRNA for acidic epididymal glycoprotein 2 (AEG2 gene).
- GBEQ0029 GenBank Acc|AJ459963|Ver|AJ459963.1 GI:26189919|Equus caballus mRNA for testis specific protein 1 (TPX1 gene).
- GBEQ0030 GenBank Acc|AY056582|Ver|AY056582.1 GI:23428486|Equus caballus hyaluronan synthase 2 mRNA, complete cds.
- GBEQ0031 GenBank Acc|AF508309|Ver|AF508309.1 GI:21070333|Equus caballus ribosomal protein L7a mRNA, partial cds.

GBEQ0032 GenBank Acc|AY082802|Ver|AY082802.1 GI:24110902|Equus caballus laminin 5 gamma 2 subunit mRNA, complete cds.

GBEQ0033 GenBank Acc|AF354445|Ver|AF354445.1 GI:13811398|Equus caballus natural resistance associated macrophage protein .1 (NRAMP1) mRNA, complete cds.

GBEQ0034 GenBank Acc|AF544227|Ver|AF544227.1 GI:23477705|Equus caballus lipocortin-1 mRNA, complete cds.

GBEQ0035 GenBank Acc|AY057096|Ver|AY057096.1 GI:23428520|Equus caballus prostaglandin E synthase mRNA, complete cds.

GBEQ0036 GenBank Acc|BK000021|Ver|BK000021.1 GI:23395751|TPA: Equus caballus tyrosinase-related protein 1 (TYRP1) mRNA, complete cds.

GBEQ0037 GenBank Acc|AF541975|Ver|AF541975.1 GI:23305888|Equus caballus metalloproteinase (ADAMTS-1) mRNA, partial cds.

GBEQ0038 GenBank Acc|AB059407|Ver|AB059407.2 GI:23200576|Equus caballus TNMD mRNA for tenomodulin, complete cds.

GBEQ0039 GenBank Acc|AY049939|Ver|AY049939.1 GI:15723737|Equus caballus alphaS1-casein mRNA, complete cds.

GBEQ0040 GenBank Acc|AF531753|Ver|AF531753.1 GI:22347677|Equus caballus glucose transporter type 4 (GLUT4) mRNA, complete cds.

GBEQ0041 GenBank Acc|AY081138|Ver|AY081138.1 GI:22331937|Equus caballus interleukin-4 receptor alpha-chain mRNA, complete cds.

GBEQ0042 GenBank Acc|AJ315379|Ver|AJ315379.1 GI:21732248|Equus caballus mRNA for acidic epididymal glycoprotein 1 (AEG1 gene).

GBEQ0043 GenBank Acc|AB088367|Ver|AB088367.1 GI:21907901|Equus caballus MyHC-slow mRNA for myosin heavy chain slow, complete cds.

GBEQ0044 GenBank Acc|AB088366|Ver|AB088366.1 GI:21907899|Equus caballus MyHC-2x mRNA for myosin heavy chain 2x, complete cds.

GBEQ0045 GenBank Acc|AB088365|Ver|AB088365.1 GI:21907897|Equus caballus MyHC-2a mRNA for myosin heavy chain 2a, complete cds.

GBEQ0046 GenBank Acc|AY114351|Ver|AY114351.1 GI:21747886|Equus caballus granulocyte chemotactic protein 2 (GCP2) mRNA, complete cds.

- GBEQ0047 GenBank Acc|AY113683|Ver|AY113683.1 GI:21483853|Equus caballus Ras GTPase-activating protein (NGAP) mRNA, partial cds.
- GBEQ0048 GenBank Acc|AY113682|Ver|AY113682.1 GI:21483851|Equus caballus ribosomal protein L5 (RPL5) mRNA, complete cds.
- GBEQ0049 GenBank Acc|AY112742|Ver|AY112742.1 GI:21435815|Equus caballus ferritin heavy chain mRNA, complete cds.
- GBEQ0050 GenBank Acc|AF508791|Ver|AF508791.1 GI:21070348|Equus caballus glucose-regulated protein (GRP94) mRNA, partial cds and 3'UTR, partial sequence.
- GBEQ0051 GenBank Acc|AF506974|Ver|AF506974.1 GI:21070224|Equus caballus galactocerebrosidase mRNA, partial cds.
- GBEQ0052 GenBank Acc|AF506973|Ver|AF506973.1 GI:21070222|Equus caballus thymosin beta 10 mRNA, complete cds.
- GBEQ0053 GenBank Acc|AF506972|Ver|AF506972.1 GI:21070220|Equus caballus mcp-2 mRNA, complete cds.
- GBEQ0054 GenBank Acc|AF506971|Ver|AF506971.1 GI:21070218|Equus caballus phosphoprotein C8FW mRNA, partial cds.
- GBEQ0055 GenBank Acc|AF506970|Ver|AF506970.1 GI:21070216|Equus caballus small inducible cytokine A5 RANTES mRNA, complete cds.
- GBEQ0056 GenBank Acc|AF506969|Ver|AF506969.1 GI:21070214|Equus caballus ubiquitin mRNA, complete cds.
- GBEQ0057 GenBank Acc|AF503366|Ver|AF503366.1 GI:21070124|Equus caballus LPS-induced TNF-alpha factor (LITAF) mRNA, complete cds.
- GBEQ0058 GenBank Acc|AF503365|Ver|AF503365.1 GI:21070122|Equus caballus granulocyte colony stimulating factor (G-CSF) mRNA, complete cds.
- GBEQ0059 GenBank Acc|AF359386|Ver|AF359386.1 GI:13751869|Equus caballus pancreatic lipase-related protein type 2 precursor (PLRP2) mRNA, partial cds.
- GBEQ0060 GenBank Acc|AF448228|Ver|AF448228.1 GI:17646640|Equus caballus DNA-dependent protein kinase catalytic subunit mRNA, partial cds.
- GBEQ0061 GenBank Acc|AJ133469|Ver|AJ133469.1 GI:4468172|Equus caballus mRNA for prostaglandin D2 synthase.



GBEQ0062 GenBank Acc|AF491288|Ver|AF491288.2 GI:20143976|Equus caballus latherin mRNA, complete cds.

GBEQ0063 GenBank Acc|AF035404 AF459024|Ver|AF035404.1 GI:2654199|Equus caballus interleukin-4 precursor (IL-4) mRNA, complete cds.

GBEQ0064 GenBank Acc|U64794|Ver|U64794.1 GI:2654387|Equus caballus interleukin-6 (IL-6) mRNA, complete cds.

GBEQ0065 GenBank Acc|AY040203|Ver|AY040203.2 GI:16740524|Equus caballus granulocyte-macrophage colony-stimulating-factor (GM-CSF) mRNA, partial cds.

GBEQ0066 GenBank Acc|AF307972|Ver|AF307972.1 GI:13898379|Equus caballus E-selectin mRNA, complete cds.

GBEQ0067 GenBank Acc|AF411802|Ver|AF411802.1 GI:15553779|Equus caballus heat shock protein 70 cognate mRNA, partial cds.

GBEQ0068 GenBank Acc|U95039|Ver|U95039.1 GI:2072246|Equus caballus tissue inhibitor of metalloproteinase-1 (TIMP-1) mRNA, complete cds.

GBEQ0069 GenBank Acc|U62529|Ver|U62529.1 GI:1480745|Equus caballus matrix metalloproteinase 3 mRNA, complete cds.

GBEQ0070 GenBank Acc|U62528|Ver|U62528.1 GI:1480743|Equus caballus type II collagen mRNA, complete cds.

GBEQ0071 GenBank Acc|AF401626|Ver|AF401626.1 GI:15282043|Equus caballus microphthalmia transcription factor mRNA, partial cds.

GBEQ0072 GenBank Acc|X98459|Ver|X98459.1 GI:1403309|E. caballus mRNA for P19 lipocalin protein.

GBEQ0073 GenBank Acc|Y18204|Ver|Y18204.1 GI:4583556|Equus caballus mRNA for high affinity immunoglobulin E receptor alpha subunit.

GBEQ0074 GenBank Acc|AF092539|Ver|AF092539.1 GI:3661605|Equus caballus cytosolic phospholipase A2 (PLA2) mRNA, complete cds.

GBEQ0075 GenBank Acc|AB053350|Ver|AB053350.1 GI:12082342|Equus caballus mRNA for vascular endothelial growth factor 164, complete cds.

GBEQ0076 GenBank Acc|AJ292081|Ver|AJ292081.1 GI:13539196|Equus caballus mRNA for intestinal Na<sup>+</sup>/glucose co-transporter (sglt1 gene).

GBEQ0077 GenBank Acc|AF162703|Ver|AF162703.1 GI:5690384|Equus caballus phosducin (PHD) mRNA, alternatively spliced, complete cds.

GBEQ0078 GenBank Acc|AY027883|Ver|AY027883.1 GI:13376982|Equus caballus inducible nitric oxide synthase mRNA, complete cds.

GBEQ0079 GenBank Acc|AB032193|Ver|AB032193.1 GI:5869568|Equus caballus AMELX mRNA for amelogenin, complete cds.

GBEQ0080 GenBank Acc|AB004572|Ver|AB004572.1 GI:2443358|Equus caballus mRNA for sex-determining protein, complete cds.

GBEQ0081 GenBank Acc|AF325902|Ver|AF325902.1 GI:12584923|Equus caballus cartilage oligomeric matrix protein (COMP) mRNA, complete cds.

GBEQ0082 GenBank Acc|AF203913|Ver|AF203913.1 GI:11493782|Equus caballus steroidogenic factor 2 (SF-2) mRNA, complete cds.

GBEQ0083 GenBank Acc|AF203911|Ver|AF203911.1 GI:11493780|Equus caballus steroidogenic factor 1 (SF-1) mRNA, complete cds.

GBEQ0084 GenBank Acc|AJ251189|Ver|AJ251189.1 GI:6468532|Equus caballus mRNA for monocyte chemoattractant protein-1 (mcp-1 gene).

GBEQ0085 GenBank Acc|AJ251188|Ver|AJ251188.1 GI:6468530|Equus caballus mRNA for eotaxin.

GBEQ0086 GenBank Acc|AF305617|Ver|AF305617.1 GI:10716183|Equus caballus interleukin 4 (IL-4) mRNA, complete cds.

GBEQ0087 GenBank Acc|AB033541|Ver|AB033541.1 GI:10566943|Equus caballus MSTN mRNA for myostatin, complete cds.

GBEQ0088 GenBank Acc|AB049188|Ver|AB049188.1 GI:10336505|Equus caballus PGP9.5 mRNA for ubiquitin C-terminal hydrolase, complete cds.

GBEQ0089 GenBank Acc|AB025570|Ver|AB025570.1 GI:4589405|Equus caballus CgA mRNA for chromogranin A, complete cds.

GBEQ0090 GenBank Acc|AY005821|Ver|AY005821.1 GI:9858374|Equus caballus parathyroid hormone-related peptide mRNA, partial cds.

GBEQ0091 GenBank Acc|AY005808|Ver|AY005808.1 GI:9717252|Equus  
caballus Toll-like receptor 4 mRNA, complete cds.

GBEQ0092 GenBank Acc|AB032166|Ver|AB032166.1 GI:7209848|Equus  
caballus mRNA for MHC class II associated invariant chain,  
complete cds.

GBEQ0093 GenBank Acc|AF031696|Ver|AF031696.1 GI:2921287|Equus  
caballus steroidogenic acute regulatory protein (StAR) mRNA, long  
form, complete cds.

GBEQ0094 GenBank Acc|AF018072|Ver|AF018072.2 GI:8277420|Equus  
caballus pituitary gonadotropin-releasing hormone receptor mRNA,  
complete cds.

GBEQ0095 GenBank Acc|AF141931|Ver|AF141931.1 GI:7959946|Equus  
caballus low-affinity IgE receptor (CD23) mRNA, complete cds.

GBEQ0096 GenBank Acc|AB033415|Ver|AB033415.1 GI:7592741|Equus  
caballus IL-1RII mRNA for interleukin-1 receptor type II, complete  
cds.

GBEQ0097 GenBank Acc|AF121140|Ver|AF121140.1 GI:6841025|Equus  
caballus double minute 2 protein mRNA, complete cds.

GBEQ0098 GenBank Acc|AF035774|Ver|AF035774.1 GI:2661135|Equus  
caballus beta actin mRNA, complete cds.

GBEQ0099 GenBank Acc|AF178685|Ver|AF178685.1 GI:7381417|Equus  
caballus butyrylcholinesterase (BCHE) mRNA, complete cds.

GBEQ0100 GenBank Acc|AF230359|Ver|AF230359.1 GI:6970098|Equus  
caballus urokinase plasminogen activator receptor mRNA, partial  
cds.

GBEQ0101 GenBank Acc|D29625|Ver|D29625.1 GI:473710|Equine mRNA  
for peptidylglycine monooxygenase and peptidylamidoglycolate  
lyase.

GBEQ0102 GenBank Acc|AB029157|Ver|AB029157.1 GI:6633965|Equus  
caballus mRNA for follicle-stimulating hormone beta-subunit,  
complete cds.

GBEQ0103 GenBank Acc|AB001693|Ver|AB001693.1 GI:4589877|Equus  
caballus Mn-SOD mRNA for manganese superoxide dismutase, complete  
cds.

GBEQ0104 GenBank Acc|AB001692|Ver|AB001692.1 GI:4589875|Equus  
caballus Cu/Zn-SOD mRNA for Cu/Zn superoxide dismutase, complete  
cds.

GBEQ0105 GenBank Acc|AF200416|Ver|AF200416.1 GI:6449386|Equus  
caballus lipopolysaccharide receptor (CD14) mRNA, complete cds.

GBEQ0106 GenBank Acc|Y11130|Ver|Y11130.1 GI:5441624|Equus  
caballus mRNA for interleukin 12 p35 subunit.

GBEQ0107 GenBank Acc|Y11129|Ver|Y11129.1 GI:5441622|Equus  
caballus mRNA for interleukin 12 p40 subunit.

GBEQ0108 GenBank Acc|Y11131|Ver|Y11131.1 GI:5441616|Equus  
caballus mRNA for interferon gamma inducing factor (IL-18).

GBEQ0109 GenBank Acc|AJ224929|Ver|AJ224929.1 GI:3021370|Equus  
caballus mRNA for cathelicidin eCATH-3.

GBEQ0110 GenBank Acc|AJ224928|Ver|AJ224928.1 GI:3021368|Equus  
caballus mRNA for cathelicidin eCATH-2.

GBEQ0111 GenBank Acc|AF132043|Ver|AF132043.1 GI:4836693|Equus  
caballus green opsin mRNA, complete cds.

GBEQ0112 GenBank Acc|AB034731|Ver|AB034731.1 GI:6277385|Equus  
caballus c-ski mRNA, complete cds.

GBEQ0113 GenBank Acc|AB020338|Ver|AB020338.1 GI:5821230|Equus  
caballus mRNA for interleukin-1 receptor type I, complete cds.

GBEQ0114 GenBank Acc|AF175709|Ver|AF175709.1 GI:5733113|Equus  
caballus transforming growth factor beta 1 (TGFB1) mRNA, complete  
cds.

GBEQ0115 GenBank Acc|AJ243283|Ver|AJ243283.1 GI:5689753|Equus  
caballus mRNA for tissue inhibitor of metalloproteinase 3, (TIMP-3  
gene).

GBEQ0116 GenBank Acc|AF090119|Ver|AF090119.1 GI:5669606|Equus  
caballus caspase-1 mRNA, complete cds.

GBEQ0117 GenBank Acc|AF137509|Ver|AF137509.1 GI:5052354|Equus  
caballus cyclin T1 (cycT1) mRNA, complete cds.

GBEQ0118 GenBank Acc|AB029430|Ver|AB029430.1 GI:5381206|Equus  
caballus DBH mRNA for dopamine beta-hydroxylase, complete cds.

GBEQ0119 GenBank Acc|D50326|Ver|D50326.1 GI:786170|Equus  
caballus mRNA for inhibin beta A subunit, complete cds.

GBEQ0120 GenBank Acc|AF148882|Ver|AF148882.1 GI:5020115|Equus  
caballus matrix metalloproteinase 1 precursor (MMP1) mRNA,  
complete cds.

GBEQ0121 GenBank Acc|AF143950|Ver|AF143950.1 GI:4887177|Equus  
caballus heart-type fatty acid-binding protein (FABP3) mRNA,  
partial cds.

GBEQ0122 GenBank Acc|AF126744|Ver|AF126744.1 GI:4868160|Equus  
caballus 11 beta-hydroxysteroid dehydrogenase type 2 (11-HSD2)  
mRNA, complete cds.

GBEQ0123 GenBank Acc|AB022431|Ver|AB022431.1 GI:4176391|Equus  
caballus mRNA for thioredoxin, complete cds.

GBEQ0124 GenBank Acc|D89666 D89665|Ver|D89666.1  
GI:3550972|Equus caballus mRNA for 3 beta-hydroxysteroid  
dehydrogenase, complete cds.

GBEQ0125 GenBank Acc|AF124093|Ver|AF124093.1 GI:4325289|Equus  
caballus estrogen receptor alpha mRNA, complete cds.

GBEQ0126 GenBank Acc|AF053497|Ver|AF053497.1 GI:3033532|Equus  
caballus melanoma growth stimulatory activity homolog (MGSA) mRNA,  
partial cds.

GBEQ0127 GenBank Acc|AJ010930|Ver|AJ010930.1 GI:3581958|Equus  
Caballus mRNA for lactoferrin, partial.

GBEQ0128 GenBank Acc|U70823|Ver|U70823.1 GI:1575777|Equus  
caballus Equ c1 mRNA, complete cds.

GBEQ0129 GenBank Acc|U21208|Ver|U21208.1 GI:706955|Equus  
caballus equine retinol binding protein precursor mRNA, complete  
cds.

GBEQ0130 GenBank Acc|U92482|Ver|U92482.1 GI:3211710|Equus  
caballus interleukin-1 receptor antagonist (EqIL-1RA) mRNA,  
complete cds.

GBEQ0131 GenBank Acc|U92481|Ver|U92481.1 GI:3211708|Equus  
caballus interleukin-1 beta mRNA, complete cds.

GBEQ0132 GenBank Acc|U92480|Ver|U92480.1 GI:3211706|Equus  
caballus interleukin-1 alpha mRNA, complete cds.

GBEQ0133 GenBank Acc|L49414|Ver|L49414.1 GI:1477385|Equus  
caballus IgM constant region mRNA, 3' end.

GBEQ0134 GenBank Acc|AF083065|Ver|AF083065.1 GI:3493134|Equus  
caballus calcyclin (CACY) mRNA, complete cds.

GBEQ0135 GenBank Acc|Y09440|Ver|Y09440.1 GI:3445273|Equus  
caballus mRNA for preprogastrin.

GBEQ0136 GenBank Acc|AF019072|Ver|AF019072.1 GI:3299893|Equus  
caballus endothelin-B receptor (EDNRB) mRNA, complete cds.

GBEQ0137 GenBank Acc|U55216|Ver|U55216.1 GI:1305528|Equus  
caballus Mx protein homolog mRNA, complete cds.

GBEQ0138 GenBank Acc|L38511|Ver|L38511.1 GI:601911|Equus  
caballus pregnancy-associated glycoprotein (PAG) mRNA, complete  
cds.

GBEQ0139 GenBank Acc|AB010829|Ver|AB010829.1 GI:3062844|Equus  
caballus mRNA for follistatin, complete cds.

GBEQ0140 GenBank Acc|U31699|Ver|U31699.1 GI:1592834|Equus  
caballus gelsolin mRNA, complete cds.

GBEQ0141 GenBank Acc|AF047520|Ver|AF047520.1 GI:2906239|Equus  
caballus motilin precursor, mRNA, partial cds.

GBEQ0142 GenBank Acc|AJ001400|Ver|AJ001400.1 GI:2388784|Equus  
caballus mRNA for cysteine-rich secretory protein-3.

GBEQ0143 GenBank Acc|AF041069|Ver|AF041069.1 GI:2773350|Equus  
caballus fibronectin mRNA, partial cds.

GBEQ0144 GenBank Acc|AF038127|Ver|AF038127.1 GI:2723946|Equus  
caballus dermatan sulfate proteoglycan II mRNA, complete cds.

GBEQ0145 GenBank Acc|AF035934|Ver|AF035934.1 GI:2662530|Equus  
caballus biglycan mRNA, complete cds.

GBEQ0146 GenBank Acc|AF034087|Ver|AF034087.1 GI:2641647|Equus  
caballus matrix metalloproteinase 13 (MMP13) mRNA, complete cds.

GBEQ0147 GenBank Acc|D42165|Ver|D42165.1 GI:2463549|Equus  
caballus mRNA for interleukin-1b, complete cds.

GBEQ0148 GenBank Acc|AB000201|Ver|AB000201.1 GI:1777302|Equus  
caballus mRNA for equine preprorelaxin, complete cds.

GBEQ0149 GenBank Acc|D50327|Ver|D50327.1 GI:790961|Horse mRNA  
for inhibin alpha subunit precursor, complete cds.

GBEQ0150 GenBank Acc|U91947|Ver|U91947.1 GI:1928883|Equus  
caballus interleukin-5 (IL-5) mRNA, complete cds.

GBEQ0151 GenBank Acc|U85272|Ver|U85272.1 GI:1815684|Equus  
caballus prepro IGF-Ia mRNA, complete cds.

GBEQ0152 GenBank Acc|S73527|Ver|S73527.1 GI:688071|epidermal  
growth factor [Equus caballus=horses, kidney, mRNA Partial, 274  
nt].

GBEQ0153 GenBank Acc|U19381|Ver|U19381.1 GI:625087|Equus  
caballus complement protein C9 precursor mRNA, complete cds.

GBEQ0154 GenBank Acc|U60978|Ver|U60978.1 GI:1407823|Equus  
caballus beta-lactoglobulin II mRNA, complete cds.

GBEQ0155 GenBank Acc|U60356|Ver|U60356.1 GI:1405398|Equus  
caballus beta-lactoglobulin I mRNA, complete cds.

GBEQ0156 GenBank Acc|X79893|Ver|X79893.1 GI:728551|E.caballus  
EQMHCC1 mRNA.

GBEQ0157 GenBank Acc|X80018|Ver|X80018.1 GI:728547|E.caballus  
MHCB3 mRNA.

GBEQ0158 GenBank Acc|X74344|Ver|X74344.1 GI:572678|E.caballus  
mRNA for colipase B.

GBEQ0159 GenBank Acc|X75612|Ver|X75612.1 GI:488145|E.caballus  
mRNA for immunoglobulin kappa light chain.

GBEQ0160 GenBank Acc|X78077|Ver|X78077.1 GI:459438|E.caballus  
mRNA CRTL1.

GBEQ0161 GenBank Acc|X74045|Ver|X74045.1 GI:399671|E.caballus  
mRNA for serum albumin.

GBEQ0162 GenBank Acc|X71809|Ver|X71809.1 GI:297895|E.caballus  
mRNA for MHC class I heavy chain.

GBEQ0163 GenBank Acc|X69393|Ver|X69393.1 GI:1076|E.caballus  
mRNA for interleukin-2 precursor.

GBEQ0164 GenBank Acc|X66218|Ver|X66218.1 GI:1063|E.caballus  
mRNA for pancreatic lipase.

GBEQ0165 GenBank Acc|X66862|Ver|X66862.1 GI:1059|E.caballus  
mRNA for lymphocyte surface antigen precursor CD44.

GBEQ0166 GenBank Acc|X69884|Ver|X69884.1 GI:1057|E.caballus  
mRNA for T-lymphocyte surface antigen precursor CD2.

GBEQ0167 GenBank Acc|X69083|Ver|X69083.1 GI:1055|E.caballus  
mRNA for beta 2-microglobulin.

GBEQ0168 GenBank Acc|X58563|Ver|X58563.1 GI:1008|E.caballus  
mRNA for atrial natriuretic polypeptide (ANP), (also known as:  
atrial natriuretic factor, cardiodilatin, cardionatrin and  
atriopeptin).

GBEQ0169 GenBank Acc|M91161|Ver|M91161.1 GI:164240|Horse  
serpin mRNA, complete cds.

GBEQ0170 GenBank Acc|U51789|Ver|U51789.1 GI:1262915|Equus  
caballus thyrotropin beta chain (TSH-beta) mRNA, complete cds.

GBEQ0171 GenBank Acc|M95410|Ver|M95410.1 GI:435020|Equus  
caballus thoroughbred pcDNA1-1/29 (#0834) major histocompatibility  
complex class I alpha chain mRNA, complete cds.

GBEQ0172 GenBank Acc|U15150|Ver|U15150.1 GI:555992|Equus  
caballus IgE heavy chain mRNA, partial cds.

GBEQ0173 GenBank Acc|L38393|Ver|L38393.1 GI:1041062|Equus  
caballus (clone G1) T cell receptor gamma (TCRG) mRNA, C region.

GBEQ0174 GenBank Acc|L38392|Ver|L38392.1 GI:1040676|Equus  
caballus (clone Gorig) T cell receptor gamma (TCRG) mRNA, VDJ  
region.

GBEQ0175 GenBank Acc|L38383|Ver|L38383.1 GI:1040663|Equus  
caballus (clone A55) T-cell receptor alpha chain mRNA, C-region.

GBEQ0176 GenBank Acc|L46797|Ver|L46797.1 GI:1048720|Equus  
caballus clusterin mRNA, complete cds.

GBEQ0177 GenBank Acc|U38200|Ver|U38200.1 GI:1041788|Equus  
callabus interleukin-10 (IL-10) mRNA, complete cds.

GBEQ0178 GenBank Acc|U28947|Ver|U28947.1 GI:887976|Equus  
caballus alpha-fetoprotein precursor mRNA, complete cds.

GBEQ0179 GenBank Acc|L42623|Ver|L42623.1 GI:848982|Equus  
caballus (clone pcDNACG2) MHC class I mRNA, complete cds.



GBEQ0180 GenBank Acc|U25990|Ver|U25990.1 GI:829614|Equus  
caballus skeletal muscle sodium channel alpha-subunit mRNA,  
complete cds.

GBEQ0181 GenBank Acc|L33910|Ver|L33910.1 GI:530128|Equus  
caballus MHC class II DQ-beta chain (DQbeta) mRNA, complete cds.

GBEQ0182 GenBank Acc|L33909|Ver|L33909.1 GI:530126|Equus  
caballus MHC class II DQ-alpha chain (DQalpha) mRNA, complete cds.

GBEQ0183 GenBank Acc|U04050|Ver|U04050.1 GI:435025|Equus  
caballus interferon-gamma precursor mRNA, complete cds.

GBEQ0184 GenBank Acc|M27462|Ver|M27462.1 GI:602447|Equus  
caballus chorionic gonadotropin alpha-subunit (CG) mRNA, 3' end.

GBEQ0185 GenBank Acc|U17041|Ver|U17041.1 GI:576646|Equus  
caballus Ig epsilon heavy chain mRNA, partial cds.

GBEQ0186 GenBank Acc|L07571|Ver|L07571.1 GI:291479|Equus  
caballus (clone pHL11) productively rearranged Ig lambda chain  
mRNA, V3-J-C1 region, complete cds.

GBEQ0187 GenBank Acc|L07565|Ver|L07565.1 GI:291467|Equus  
caballus (clone pHL5) productively rearranged Ig lambda chain  
mRNA, V3-J-C1 region, complete cds.

GBEQ0188 GenBank Acc|M69020|Ver|M69020.1 GI:164242|E.caballus  
transferrin mRNA, complete cds.

GBEQ0189 GenBank Acc|M64865|Ver|M64865.1 GI:164177|Horse  
alcohol dehydrogenase-S-isoenzyme mRNA, complete cds.

GBEQ0190 GenBank Acc|U02929|Ver|U02929.1 GI:409962|Equus  
caballus growth hormone (ecGH) mRNA, complete cds.

GBEQ0191 GenBank Acc|AY083516|Ver|AY083516.1 GI:20146867|Equus  
caballus somatostatin gene, 3'UTR and partial cds.

GBEQ0192 GenBank Acc|AY011676|Ver|AY011676.1 GI:12699951|Equus  
caballus cAMP responsive element moderator (CREM) gene, partial  
cds.

GBEQ0193 GenBank Acc|AF367706|Ver|AF367706.1 GI:14486710|Equus  
caballus mast cell growth factor (MGF) gene, exons 7, 8, and 9 and  
partial cds.

GBEQ0194 GenBank Acc|AF372660|Ver|AF372660.1 GI:20385505|Equus  
caballus uteroglobin precursor, gene, complete cds.

GBEQ0195 GenBank Acc|AF400580 REGION:  
join(1..228,506..626,1344..1421,1915..2410)|Ver|AF400580.1  
GI:15788235|Equus caballus pulmonary surfactant-associated protein  
A gene, complete cds.

GBEQ0196 GenBank Acc|AF288358 REGION:  
join(<683..842,2144..2208,4508..>4684)|Ver|AF288358.1  
GI:14599451|Equus caballus agouti-signaling protein (ASIP) gene,  
ASIP-A allele, complete cds.

GBEQ0197 GenBank Acc|AF288357 REGION:  
<654..>1607|Ver|AF288357.1 GI:14599449|Equus caballus  
melanocortin 1 receptor (MC1R) gene, MC1R-E allele, complete cds.

GBEQ0198 GenBank Acc|AF034077 REGION:|Ver|AF034077.2  
GI:5706737|Equus caballus alpha-1-antitrypsin (Spi2) gene,  
complete cds.

GBEQ0199 GenBank Acc|AF027335 REGION:|Ver|AF027335.1  
GI:2586068|Equus caballus prostaglandin G/H synthase-2 gene,  
promoter and complete cds.

GBEQ0200 GenBank Acc|AF031664|Ver|AF031664.1 GI:2921281|Equus  
caballus cytochrome P450 cholesterol side-chain cleavage (P450scc)  
gene, complete cds..

GBEQ0201 GenBank Acc|A15987|Ver|A15987.1 GI:640891|E.caballus  
gene for IFN II.

GBEQ0202 GenBank Acc|X07051 REGION:  
join(605..699,1329..1533,1682..1810)|Ver|X07051.1 GI:1069|Horse  
gene for zeta globin (BI allele).

GBEQ0203 GenBank Acc|X07053 REGION:  
join(3481..3575,3854..4058,4208..4336)|Ver|X07053.1 GI:1065|Horse  
psi zeta and alpha 2 globin genes (BI allele).

GBEQ0204 GenBank Acc|Y00284 REGION:  
join(268..362,452..656,749..877)|Ver|Y00284.1 GI:1061|Horse  
pseudo alpha globin (psi alpha) gene.

GBEQ0205 GenBank Acc|M64087 REGION:  
join(296..481,1070..1118,1306..1353,1678..2099)|Ver|M64087.1  
GI:164244|Equus caballus tumor necrosis factor-alpha gene,  
complete cds.(CDS + 3'UTR)

GBEQ0206 GenBank Acc|L10654 REGION:  
join(616..721,800..846)|Ver|L10654.1 GI:164238|Horse protamine 1  
(PRM-1) gene, complete cds.

GBEQ0207 GenBank Acc|M60100 REGION:  
join(496..741,1182..>1618)|Ver|M60100.1 GI:164236|E.caballus MHC  
class II DR alpha chain (A2 haplotype) gene, 3' end.

GBEQ0208 GenBank Acc|M14544 REGION: 1421..2008|Ver|M14544.1  
GI:164230|Horse interferon-omega-1 gene, complete cds.

GBEQ0209 GenBank Acc|M14546 REGION: 697..1257|Ver|M14546.1  
GI:164228|Horse interferon-beta gene, complete cds.

GBEQ0210 GenBank Acc|M14545 REGION: 129..716|Ver|M14545.1  
GI:164217|Horse interferon-omega-2 gene, complete cds.

GBEQ0211 GenBank Acc|AY196483|Ver|AY196483.1 GI:28628570|Equus  
caballus INSL3/relaxin receptor LGR8 mRNA, partial cds.

GBEQ0212 GenBank Acc|AY237113|Ver|AY237113.1 GI:29826065|Equus  
caballus elongation factor 1a (EF-1a) mRNA, partial cds.

GBEQ0213 GenBank Acc|AJ551396|Ver|AJ551396.1 GI:29335684|Equus  
caballus partial mRNA for glial fibrillary acidic protein (GFAP  
gene).

GBEQ0214 GenBank Acc|AB106279|Ver|AB106279.1 GI:29126056|Equus  
caballus DCN mRNA for decorin, partial cds.

GBEQ0215 GenBank Acc|AB106278|Ver|AB106278.1 GI:29126054|Equus  
caballus BGN mRNA for biglycan, partial cds.

GBEQ0216 GenBank Acc|AB106119|Ver|AB106119.1 GI:29122664|Equus  
caballus Tbeta-RII mRNA for TGF beta receptor type II, partial  
cds.

GBEQ0217 GenBank Acc|AB106118|Ver|AB106118.1 GI:29122662|Equus  
caballus ALK5 mRNA for TGF beta receptor type I, partial cds.

GBEQ0218 GenBank Acc|AB106116|Ver|AB106116.1 GI:29122658|Equus  
caballus SMAD7 mRNA for Smad7, partial cds.

GBEQ0219 GenBank Acc|AB106115|Ver|AB106115.1 GI:29122656|Equus  
caballus SMAD6 mRNA for Smad6, partial cds.

GBEQ0220 GenBank Acc|AB106114|Ver|AB106114.1 GI:29122654|Equus  
caballus SMAD5 mRNA for Smad5, partial cds.

- GBEQ0221 GenBank Acc|AB106113|Ver|AB106113.1 GI:29122652|Equus caballus SMAD1 mRNA for Smad1, partial cds.
- GBEQ0222 GenBank Acc|AJ539224|Ver|AJ539224.1 GI:28193094|Equus caballus partial mRNA for sodium/potassium dependent ATPase beta-1 subunit.
- GBEQ0223 GenBank Acc|AJ519535|Ver|AJ519535.1 GI:26189985|Equus caballus partial mRNA for mu-opioid receptor (oprml gene).
- GBEQ0224 GenBank Acc|AF547432|Ver|AF547432.1 GI:23957577|Equus caballus Golgi apparatus protein mRNA, partial cds.
- GBEQ0225 GenBank Acc|AF547431|Ver|AF547431.1 GI:23957575|Equus caballus cell division cycle 2 protein mRNA, partial cds.
- GBEQ0226 GenBank Acc|AF348966|Ver|AF348966.1 GI:13549106|Equus caballus clone RTAR12 MHC class II antigen (ELA-DQB) mRNA, partial cds.
- GBEQ0227 GenBank Acc|AY032721|Ver|AY032721.1 GI:22073871|Equus caballus androgen receptor mRNA, partial cds.
- GBEQ0228 GenBank Acc|AY114350|Ver|AY114350.1 GI:21747884|Equus caballus leukocyte common antigen mRNA, partial cds.
- GBEQ0229 GenBank Acc|AF520988|Ver|AF520988.1 GI:21702702|Equus caballus dopamine D1-like receptor mRNA, partial cds.
- GBEQ0230 GenBank Acc|AY112896|Ver|AY112896.1 GI:21360570|Equus caballus Indian hedgehog (IHH) mRNA, partial cds.
- GBEQ0231 GenBank Acc|AF510666|Ver|AF510666.1 GI:21105760|Equus caballus noggin mRNA, partial cds.
- GBEQ0232 GenBank Acc|AF510665|Ver|AF510665.1 GI:21105758|Equus caballus bone morphogenetic protein 6 precursor (BMP6) mRNA, partial cds.
- GBEQ0233 GenBank Acc|AF508034|Ver|AF508034.1 GI:21070317|Equus caballus plasminogen activator inhibitor-1 (PAI-1) mRNA, partial cds.
- GBEQ0234 GenBank Acc|AF508032|Ver|AF508032.1 GI:21070313|Equus caballus AT-rich binding protein-1 (SATB1) mRNA, partial cds.
- GBEQ0235 GenBank Acc|AJ439894|Ver|AJ439894.1 GI:20338733|Equus caballus partial mRNA for estradiol receptor beta (er ss gene).

GBEQ0236 GenBank Acc|AJ439893|Ver|AJ439893.1 GI:20338731|Equus caballus partial mRNA for FGF-2 receptor IIIc (fgfr2IIIc gene).

GBEQ0237 GenBank Acc|AJ439892|Ver|AJ439892.1 GI:20338729|Equus caballus partial mRNA for FGF-7 receptor 2IIIB (fgfr2IIIB gene).

GBEQ0238 GenBank Acc|AJ439891|Ver|AJ439891.1 GI:20338727|Equus caballus partial mRNA for keratinocyte growth factor (fgf-7 gene).

GBEQ0239 GenBank Acc|AJ439890|Ver|AJ439890.1 GI:20338725|Equus caballus partial mRNA for fibroblast growth factor 1 (fgf-1 gene).

GBEQ0240 GenBank Acc|AJ439886|Ver|AJ439886.1 GI:20338717|Equus caballus partial mRNA for endothelia NO synthase (enos gene).

GBEQ0241 GenBank Acc|AJ319907|Ver|AJ319907.1 GI:18073989|Equus caballus partial mRNA for fibroblast growth factor receptor (fgfr gene).

GBEQ0242 GenBank Acc|AF076782|Ver|AF076782.1 GI:4028975|Equus caballus cyclin-dependent kinase 2A inhibitor (CDKN2A) mRNA, partial cds.

GBEQ0243 GenBank Acc|AF076780|Ver|AF076780.1 GI:4028971|Equus caballus melanocyte protein 17 precursor (PMEL17) mRNA, partial cds.

GBEQ0244 GenBank Acc|AJ319910|Ver|AJ319910.1 GI:18073995|Equus caballus partial mRNA for connexin 43 (cx43 gene).

GBEQ0245 GenBank Acc|AJ319909|Ver|AJ319909.1 GI:18073993|Equus caballus partial mRNA for connexin 32 (cx32 gene).

GBEQ0246 GenBank Acc|AJ319908|Ver|AJ319908.1 GI:18073991|Equus caballus partial mRNA for VEGF receptor flt (flt gene).

GBEQ0247 GenBank Acc|AJ319906|Ver|AJ319906.1 GI:18073987|Equus caballus partial mRNA for fibroblast growth factor 2 (fgf2 gene).

GBEQ0248 GenBank Acc|AB076030|Ver|AB076030.1 GI:17736831|Equus caballus mRNA for Smad4, partial cds.

GBEQ0249 GenBank Acc|AB076029|Ver|AB076029.1 GI:17736829|Equus caballus mRNA for Smad3, partial cds.

GBEQ0250 GenBank Acc|AF397192|Ver|AF397192.1 GI:15011536|Equus caballus heat-shock protein 70 mRNA, partial cds.

GBEQ0251 GenBank Acc|AF432178|Ver|AF432178.1 GI:16612196|Equus caballus heat shock transcription factor 2 mRNA, partial cds.

GBEQ0252 GenBank Acc|AB072934|Ver|AB072934.1 GI:16151816|Equus caballus AGM mRNA for angiomodulin, partial cds.

GBEQ0253 GenBank Acc|AB071422|Ver|AB071422.1 GI:15636922|Equus caballus PNMT mRNA for phenylethanolamine N-methyltransferase, partial cds.

GBEQ0254 GenBank Acc|AB071421|Ver|AB071421.1 GI:15636920|Equus caballus TH mRNA for tyrosine hydroxylase, partial cds.

GBEQ0255 GenBank Acc|AB070839|Ver|AB070839.1 GI:15408576|Equus caballus COL1A2 mRNA for type I collagen alpha 2 chain, partial cds.

GBEQ0256 GenBank Acc|AF401625|Ver|AF401625.1 GI:15282041|Equus caballus mast cell growth factor mRNA, partial cds.

GBEQ0257 GenBank Acc|AF368322|Ver|AF368322.1 GI:14039923|Equus caballus aggrecanase-2 mRNA, partial cds.

GBEQ0258 GenBank Acc|AF368321|Ver|AF368321.1 GI:14039920|Equus caballus aggrecanase-1 mRNA, partial cds.

GBEQ0259 GenBank Acc|AF167158|Ver|AF167158.1 GI:9621997|Equus caballus orphan nuclear receptor DAX-1 mRNA, partial cds.

GBEQ0260 GenBank Acc|AF157626|Ver|AF157626.1 GI:5163489|Equus caballus glyceraldehyde-3-phosphate dehydrogenase mRNA, partial cds.

GBEQ0261 GenBank Acc|AB043677|Ver|AB043677.1 GI:12082135|Equus caballus Hsp90 alpha mRNA for heat shock protein 90 alpha, partial cds.

GBEQ0262 GenBank Acc|AB043676|Ver|AB043676.1 GI:12082133|Equus caballus Hsp90beta mRNA for heat shock protein 90 beta, partial cds.

GBEQ0263 GenBank Acc|AF288214|Ver|AF288214.1 GI:9858134|Equus caballus immunoglobulin G heavy chain mRNA, partial cds.

GBEQ0264 GenBank Acc|AF288213|Ver|AF288213.1 GI:9858132|Equus caballus immunoglobulin G light chain mRNA, partial cds.

GBEQ0265 GenBank Acc|AB035518|Ver|AB035518.1 GI:8307713|Equus caballus AMPP mRNA for adrenomedullin, partial cds.

GBEQ0266 GenBank Acc|AF265207|Ver|AF265207.1 GI:8072314|Equus caballus transcription factor SOX-9 mRNA, partial cds.

GBEQ0267 GenBank Acc|AB040095|Ver|AB040095.1 GI:7262514|Equus caballus GPX1 mRNA for glutathione peroxidase, partial cds.

GBEQ0268 GenBank Acc|AB039865|Ver|AB039865.1 GI:7229094|Equus caballus COX-1 mRNA for cyclooxygenase-1, partial cds.

GBEQ0269 GenBank Acc|AJ010315|Ver|AJ010315.1 GI:3426086|Equus caballus mRNA for tissue inhibitor of metalloproteinase-2, partial.

GBEQ0270 GenBank Acc|AF076673|Ver|AF076673.1 GI:3341802|Equus caballus oxytocin-neurophysin I (OXT) mRNA, partial cds.

GBEQ0271 GenBank Acc|AF179275|Ver|AF179275.1 GI:5815452|Equus caballus leptin mRNA, partial cds.

GBEQ0272 GenBank Acc|AJ243311|Ver|AJ243311.1 GI:5420368|Equus caballus mRNA for matrix metalloproteinase-2 (gene mmp-2), partial.

GBEQ0273 GenBank Acc|AF139663|Ver|AF139663.1 GI:4868372|Equus caballus leptin receptor mRNA, partial cds.

GBEQ0274 GenBank Acc|AF113507|Ver|AF113507.1 GI:4588604|Equus caballus core binding factor alpha 1 subunit mRNA, partial cds.

GBEQ0275 GenBank Acc|AF117954|Ver|AF117954.1 GI:4235113|Equus caballus procollagen alpha-1 type III precursor (COL3A1) mRNA, partial cds.

GBEQ0276 GenBank Acc|AF007798|Ver|AF007798.1 GI:2246695|Equus caballus progesterone receptor mRNA, partial cds.

GBEQ0277 GenBank Acc|U52364|Ver|U52364.1 GI:1871157|Equus caballus SMCY mRNA, partial cds.

GBEQ0278 GenBank Acc|U52363|Ver|U52363.1 GI:1871155|Equus caballus SMCX mRNA, partial cds.

GBEQ0279 GenBank Acc|U52108|Ver|U52108.1 GI:1272417|Equus caballus fibronectin mRNA, partial cds.

GBEQ0280 GenBank Acc|U37313|Ver|U37313.1 GI:1244535|Equus caballus cytochrome P450 aromatase mRNA, partial cds.

GBEQ0281 GenBank Acc|AJ010121|Ver|AJ010121.1 GI:3421014|Equus  
caballus mRNA for sperm-membrane associated protein P47, partial.

GBEQ0282 GenBank Acc|AF042352|Ver|AF042352.1 GI:2792524|Equus  
caballus connexin 43 (CX43) mRNA, partial cds.

GBEQ0283 GenBank Acc|AF040637|Ver|AF040637.1 GI:2773303|Equus  
caballus aggrecan core protein mRNA, partial cds.

GBEQ0284 GenBank Acc|AF034691|Ver|AF034691.1 GI:2653642|Equus  
caballus procollagen alpha 1 (I) (COL1A1) mRNA, partial cds.

GBEQ0285 GenBank Acc|L81159|Ver|L81159.1 GI:2231154|Equus  
caballus clone I18 immunoglobulin mu (IgM) mRNA, partial cds.

GBEQ0286 GenBank Acc|L81158|Ver|L81158.1 GI:2231153|Equus  
caballus clone I16 immunoglobulin mu (IgM) mRNA, partial cds.

GBEQ0287 GenBank Acc|L81157|Ver|L81157.1 GI:2231152|Equus  
caballus clone I14 immunoglobulin mu (IgM) mRNA, partial cds.

GBEQ0288 GenBank Acc|U11241|Ver|U11241.1 GI:508703|Equus  
caballus insulin-like growth factor II precursor (IGF-II) mRNA,  
partial cds.

GBEQ0289 GenBank Acc|L07570|Ver|L07570.1 GI:291477|Equus  
caballus (clone pHL10) productively rearranged Ig lambda chain  
mRNA, V2-J-C2 region, partial cds.

GBEQ0290 GenBank Acc|L07567|Ver|L07567.1 GI:291471|Equus  
caballus (clone pHL7) productively rearranged Ig lambda chain  
mRNA, V1-J-C1 region, 3' end.

GBEQ0291 GenBank Acc|M96552|Ver|M96552.1 GI:164205|Equus  
caballus 5-lipoxygenase-activating protein (FLAP) mRNA, 5' end.

GBEQ0292 GenBank Acc|CD536802|Ver|CD536802.1  
GI:31579217|LeukoN6\_6\_E03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_E03\_A028 3',  
mRNA sequence.:Start:1:Stop:561

GBEQ0293 GenBank Acc|CD536798|Ver|CD536798.1  
GI:31579213|LeukoN6\_6\_A09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A09\_A028 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ0294 GenBank Acc|CD536792|Ver|CD536792.1  
GI:31579207|LeukoN6\_6\_A01.b1\_A028 Unstimulated peripheral blood



leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A01\_A028 3',  
mRNA sequence.:Start:1:Stop:497

GBEQ0295 GenBank Acc|CD536790|Ver|CD536790.1  
GI:31579205|LeukoN6\_6\_C05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C05\_A028 3',  
mRNA sequence.:Start:1:Stop:566

GBEQ0296 GenBank Acc|CD536783|Ver|CD536783.1  
GI:31579198|LeukoN6\_6\_H07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H07\_A028 3',  
mRNA sequence.:Start:1:Stop:306

GBEQ0297 GenBank Acc|CD536770|Ver|CD536770.1  
GI:31579185|LeukoN6\_6\_C03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C03\_A028 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0298 GenBank Acc|CD536764|Ver|CD536764.1  
GI:31579179|LeukoN6\_6\_H05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ0299 GenBank Acc|CD536763|Ver|CD536763.1  
GI:31579178|LeukoN6\_6\_C02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C02\_A028 3',  
mRNA sequence.:Start:1:Stop:632

GBEQ0300 GenBank Acc|CD536756|Ver|CD536756.1  
GI:31579171|LeukoN6\_6\_G02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_G02\_A028 3',  
mRNA sequence.:Start:1:Stop:552

GBEQ0301 GenBank Acc|CD536755|Ver|CD536755.1  
GI:31579170|LeukoN6\_6\_H04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ0302 GenBank Acc|CD536750|Ver|CD536750.1  
GI:31579165|LeukoN6\_6\_A04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A04\_A028 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ0303 GenBank Acc|CD536746|Ver|CD536746.1  
GI:31579161|LeukoN6\_6\_D02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_D02\_A028 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0304 GenBank Acc|CD536743|Ver|CD536743.1  
GI:31579158|LeukoN6\_6\_G08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_G08\_A028 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0305 GenBank Acc|CD536667|Ver|CD536667.1  
GI:31579082|LeukoN6\_5\_A06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A06\_A028 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ0306 GenBank Acc|CD536665|Ver|CD536665.1  
GI:31579080|LeukoN6\_5\_H05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:553

GBEQ0307 GenBank Acc|CD536664|Ver|CD536664.1  
GI:31579079|LeukoN6\_5\_D11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D11\_A028 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ0308 GenBank Acc|CD536663|Ver|CD536663.1  
GI:31579078|LeukoN6\_5\_C02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C02\_A028 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0309 GenBank Acc|CD536662|Ver|CD536662.1  
GI:31579077|LeukoN6\_5\_D04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D04\_A028 3',  
mRNA sequence.:Start:1:Stop:475

GBEQ0310 GenBank Acc|CD536661|Ver|CD536661.1  
GI:31579076|LeukoN6\_5\_F08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F08\_A028 3',  
mRNA sequence.:Start:1:Stop:735

GBEQ0311 GenBank Acc|CD536660|Ver|CD536660.1  
GI:31579075|LeukoN6\_5\_A05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A05\_A028 3',  
mRNA sequence.:Start:1:Stop:417

GBEQ0312 GenBank Acc|CD536658|Ver|CD536658.1  
GI:31579073|LeukoN6\_5\_C09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C09\_A028 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ0313 GenBank Acc|CD536657|Ver|CD536657.1  
GI:31579072|LeukoN6\_5\_H11.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H11\_A028 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ0314 GenBank Acc|CD536655|Ver|CD536655.1  
GI:31579070|LeukoN6\_5\_D10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D10\_A028 3',  
mRNA sequence.:Start:1:Stop:259

GBEQ0315 GenBank Acc|CD536651|Ver|CD536651.1  
GI:31579066|LeukoN6\_5\_E05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E05\_A028 3',  
mRNA sequence.:Start:1:Stop:575

GBEQ0316 GenBank Acc|CD536650|Ver|CD536650.1  
GI:31579065|LeukoN6\_5\_F07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F07\_A028 3',  
mRNA sequence.:Start:1:Stop:456

GBEQ0317 GenBank Acc|CD536649|Ver|CD536649.1  
GI:31579064|LeukoN6\_5\_G09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G09\_A028 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0318 GenBank Acc|CD536641|Ver|CD536641.1  
GI:31579056|LeukoN6\_5\_E11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E11\_A028 3',  
mRNA sequence.:Start:1:Stop:596

GBEQ0319 GenBank Acc|CD536631|Ver|CD536631.1  
GI:31579046|LeukoN6\_5\_F12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F12\_A028 3',  
mRNA sequence.:Start:1:Stop:477

GBEQ0320 GenBank Acc|CD536630|Ver|CD536630.1  
GI:31579045|LeukoN6\_5\_D01.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D01\_A028 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ0321 GenBank Acc|CD536624|Ver|CD536624.1  
GI:31579039|LeukoN6\_5\_A02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A02\_A028 3',  
mRNA sequence.:Start:1:Stop:649

GBEQ0322 GenBank Acc|CD536620|Ver|CD536620.1  
GI:31579035|LeukoN6\_5\_F11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F11\_A028 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ0323 GenBank Acc|CD536618|Ver|CD536618.1  
GI:31579033|LeukoN6\_5\_G06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G06\_A028 3',  
mRNA sequence.:Start:1:Stop:440

GBEQ0324 GenBank Acc|CD536610|Ver|CD536610.1  
GI:31579025|LeukoN6\_5\_G05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G05\_A028 3',  
mRNA sequence.:Start:1:Stop:312

GBEQ0325 GenBank Acc|CD536605|Ver|CD536605.1  
GI:31579020|LeukoN6\_5\_D06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D06\_A028 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ0326 GenBank Acc|CD536604|Ver|CD536604.1  
GI:31579019|LeukoN6\_5\_E08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E08\_A028 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ0327 GenBank Acc|CD536603|Ver|CD536603.1  
GI:31579018|LeukoN6\_5\_A07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A07\_A028 3',  
mRNA sequence.:Start:1:Stop:247

GBEQ0328 GenBank Acc|CD536599|Ver|CD536599.1  
GI:31579014|LeukoN6\_5\_C10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C10\_A028 3',  
mRNA sequence.:Start:1:Stop:554

GBEQ0329 GenBank Acc|CD536521|Ver|CD536521.1  
GI:31578936|LeukoN6\_8\_G08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G08\_A028 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0330 GenBank Acc|CD536512|Ver|CD536512.1  
GI:31578927|LeukoN6\_8\_B11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_B11\_A028 3',  
mRNA sequence.:Start:1:Stop:558

GBEQ0331 GenBank Acc|CD536508|Ver|CD536508.1  
GI:31578923|LeukoN6\_8\_H01.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H01\_A028 3',  
mRNA sequence.:Start:1:Stop:510

GBEQ0332 GenBank Acc|CD536504|Ver|CD536504.1  
GI:31578919|LeukoN6\_8\_G06.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G06\_A028 3',  
mRNA sequence.:Start:1:Stop:238

GBEQ0333 GenBank Acc|CD536503|Ver|CD536503.1  
GI:31578918|LeukoN6\_8\_H08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H08\_A028 3',  
mRNA sequence.:Start:1:Stop:646

GBEQ0334 GenBank Acc|CD536497|Ver|CD536497.1  
GI:31578912|LeukoN6\_8\_F10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:570

GBEQ0335 GenBank Acc|CD536488|Ver|CD536488.1  
GI:31578903|LeukoN6\_8\_G04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G04\_A028 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ0336 GenBank Acc|CD536473|Ver|CD536473.1  
GI:31578888|LeukoN6\_8\_D04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_D04\_A028 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ0337 GenBank Acc|CD536468|Ver|CD536468.1  
GI:31578883|LeukoN6\_8\_H04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ0338 GenBank Acc|CD536467|Ver|CD536467.1  
GI:31578882|LeukoN6\_8\_E12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E12\_A028 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ0339 GenBank Acc|CD536396|Ver|CD536396.1  
GI:31578811|LeukoN6\_7\_B09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B09\_A028 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ0340 GenBank Acc|CD536386|Ver|CD536386.1  
GI:31578801|LeukoN6\_7\_B08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B08\_A028 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0341 GenBank Acc|CD536382|Ver|CD536382.1  
GI:31578797|LeukoN6\_7\_D04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D04\_A028 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ0342 GenBank Acc|CD536373|Ver|CD536373.1  
GI:31578788|LeukoN6\_7\_D03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D03\_A028 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ0343 GenBank Acc|CD536372|Ver|CD536372.1  
GI:31578787|LeukoN6\_7\_E05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_E05\_A028 3',  
mRNA sequence.:Start:1:Stop:662

GBEQ0344 GenBank Acc|CD536368|Ver|CD536368.1  
GI:31578783|LeukoN6\_7\_B06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B06\_A028 3',  
mRNA sequence.:Start:1:Stop:561

GBEQ0345 GenBank Acc|CD536365|Ver|CD536365.1  
GI:31578780|LeukoN6\_7\_E11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_E11\_A028 3',  
mRNA sequence.:Start:1:Stop:549

GBEQ0346 GenBank Acc|CD536360|Ver|CD536360.1  
GI:31578775|LeukoN6\_7\_A03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_A03\_A028 3',  
mRNA sequence.:Start:1:Stop:585

GBEQ0347 GenBank Acc|CD536358|Ver|CD536358.1  
GI:31578773|LeukoN6\_7\_C07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C07\_A028 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ0348 GenBank Acc|CD536354|Ver|CD536354.1  
GI:31578769|LeukoN6\_7\_D01.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D01\_A028 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ0349 GenBank Acc|CD536352|Ver|CD536352.1  
GI:31578767|LeukoN6\_7\_G07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_G07\_A028 3',  
mRNA sequence.:Start:1:Stop:634

GBEQ0350 GenBank Acc|CD536349|Ver|CD536349.1  
GI:31578764|LeukoN6\_7\_A02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_A02\_A028 3',  
mRNA sequence.:Start:1:Stop:514

GBEQ0351 GenBank Acc|CD536343|Ver|CD536343.1  
GI:31578758|LeukoN6\_7\_F04.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F04\_A028 3',  
mRNA sequence.:Start:1:Stop:165

GBEQ0352 GenBank Acc|CD536341|Ver|CD536341.1  
GI:31578756|LeukoN6\_7\_B10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B10\_A028 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ0353 GenBank Acc|CD536335|Ver|CD536335.1  
GI:31578750|LeukoN6\_7\_F10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:416

GBEQ0354 GenBank Acc|CD536331|Ver|CD536331.1  
GI:31578746|LeukoN6\_7\_C11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C11\_A028 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ0355 GenBank Acc|CD536268|Ver|CD536268.1  
GI:31578683|LeukoN6\_4\_G10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_G10\_A028 3',  
mRNA sequence.:Start:1:Stop:478

GBEQ0356 GenBank Acc|CD536257|Ver|CD536257.1  
GI:31578672|LeukoN6\_4\_F04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F04\_A028 3',  
mRNA sequence.:Start:1:Stop:363

GBEQ0357 GenBank Acc|CD536247|Ver|CD536247.1  
GI:31578662|LeukoN6\_4\_E05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E05\_A028 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ0358 GenBank Acc|CD536246|Ver|CD536246.1  
GI:31578661|LeukoN6\_4\_G09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_G09\_A028 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ0359 GenBank Acc|CD536244|Ver|CD536244.1  
GI:31578659|LeukoN6\_4\_F10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:554

GBEQ0360 GenBank Acc|CD536240|Ver|CD536240.1  
GI:31578655|LeukoN6\_4\_F03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F03\_A028 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ0361 GenBank Acc|CD536238|Ver|CD536238.1  
GI:31578653|LeukoN6\_4\_C08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C08\_A028 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ0362 GenBank Acc|CD536237|Ver|CD536237.1  
GI:31578652|LeukoN6\_4\_C11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C11\_A028 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ0363 GenBank Acc|CD536235|Ver|CD536235.1  
GI:31578650|LeukoN6\_4\_D02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_D02\_A028 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ0364 GenBank Acc|CD536228|Ver|CD536228.1  
GI:31578643|LeukoN6\_4\_B05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_B05\_A028 3',  
mRNA sequence.:Start:1:Stop:668

GBEQ0365 GenBank Acc|CD536222|Ver|CD536222.1  
GI:31578637|LeukoN6\_4\_C03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C03\_A028 3',  
mRNA sequence.:Start:1:Stop:644

GBEQ0366 GenBank Acc|CD536220|Ver|CD536220.1  
GI:31578635|LeukoN6\_4\_E07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E07\_A028 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ0367 GenBank Acc|CD536136|Ver|CD536136.1  
GI:31578551|LeukoN6\_3\_D08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D08\_A028 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ0368 GenBank Acc|CD536134|Ver|CD536134.1  
GI:31578549|LeukoN6\_3\_C02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_C02\_A028 3',  
mRNA sequence.:Start:1:Stop:529

GBEQ0369 GenBank Acc|CD536128|Ver|CD536128.1  
GI:31578543|LeukoN6\_3\_G06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G06\_A028 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0370 GenBank Acc|CD536127|Ver|CD536127.1  
GI:31578542|LeukoN6\_3\_H08.b1\_A028 Unstimulated peripheral blood



leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H08\_A028 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0371 GenBank Acc|CD536125|Ver|CD536125.1  
GI:31578540|LeukoN6\_3\_H11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H11\_A028 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ0372 GenBank Acc|CD536122|Ver|CD536122.1  
GI:31578537|LeukoN6\_3\_C12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_C12\_A028 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ0373 GenBank Acc|CD536116|Ver|CD536116.1  
GI:31578531|LeukoN6\_3\_G09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G09\_A028 3',  
mRNA sequence.:Start:1:Stop:449

GBEQ0374 GenBank Acc|CD536115|Ver|CD536115.1  
GI:31578530|LeukoN6\_3\_A08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_A08\_A028 3',  
mRNA sequence.:Start:1:Stop:599

GBEQ0375 GenBank Acc|CD536114|Ver|CD536114.1  
GI:31578529|LeukoN6\_3\_F10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0376 GenBank Acc|CD536099|Ver|CD536099.1  
GI:31578514|LeukoN6\_3\_G08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G08\_A028 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ0377 GenBank Acc|CD536097|Ver|CD536097.1  
GI:31578512|LeukoN6\_3\_B09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B09\_A028 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ0378 GenBank Acc|CD536090|Ver|CD536090.1  
GI:31578505|LeukoN6\_3\_B05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B05\_A028 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0379 GenBank Acc|CD536081|Ver|CD536081.1  
GI:31578496|LeukoN6\_3\_E03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_E03\_A028 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ0380 GenBank Acc|CD536079|Ver|CD536079.1  
GI:31578494|LeukoN6\_3\_H09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H09\_A028 3',  
mRNA sequence.:Start:1:Stop:588

GBEQ0381 GenBank Acc|CD536074|Ver|CD536074.1  
GI:31578489|LeukoN6\_3\_H05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ0382 GenBank Acc|CD536073|Ver|CD536073.1  
GI:31578488|LeukoN6\_3\_B04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B04\_A028 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0383 GenBank Acc|CD535986|Ver|CD535986.1  
GI:31578401|LeukoN6\_2\_B07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B07\_A028 3',  
mRNA sequence.:Start:1:Stop:384

GBEQ0384 GenBank Acc|CD535985|Ver|CD535985.1  
GI:31578400|LeukoN6\_2\_C09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C09\_A028 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0385 GenBank Acc|CD535971|Ver|CD535971.1  
GI:31578386|LeukoN6\_2\_F10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:618

GBEQ0386 GenBank Acc|CD535963|Ver|CD535963.1  
GI:31578378|LeukoN6\_2\_C11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C11\_A028 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ0387 GenBank Acc|CD535952|Ver|CD535952.1  
GI:31578367|LeukoN6\_2\_H06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H06\_A028 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0388 GenBank Acc|CD535948|Ver|CD535948.1  
GI:31578363|LeukoN6\_2\_H02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H02\_A028 3',  
mRNA sequence.:Start:1:Stop:698

GBEQ0389 GenBank Acc|CD535947|Ver|CD535947.1  
GI:31578362|LeukoN6\_2\_D12.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_D12\_A028 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ0390 GenBank Acc|CD535946|Ver|CD535946.1  
GI:31578361|LeukoN6\_2\_C03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C03\_A028 3',  
mRNA sequence.:Start:1:Stop:709

GBEQ0391 GenBank Acc|CD535944|Ver|CD535944.1  
GI:31578359|LeukoN6\_2\_F09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F09\_A028 3',  
mRNA sequence.:Start:1:Stop:474

GBEQ0392 GenBank Acc|CD535939|Ver|CD535939.1  
GI:31578354|LeukoN6\_2\_H09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H09\_A028 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0393 GenBank Acc|CD535933|Ver|CD535933.1  
GI:31578348|LeukoN6\_2\_H05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0394 GenBank Acc|CD535932|Ver|CD535932.1  
GI:31578347|LeukoN6\_2\_C06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C06\_A028 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ0395 GenBank Acc|CD535927|Ver|CD535927.1  
GI:31578342|LeukoN6\_2\_F08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F08\_A028 3',  
mRNA sequence.:Start:1:Stop:720

GBEQ0396 GenBank Acc|CD535885|Ver|CD535885.1  
GI:31578300|LeukoN5\_5\_B11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_B11\_A027 3',  
mRNA sequence.:Start:1:Stop:538

GBEQ0397 GenBank Acc|CD535878|Ver|CD535878.1  
GI:31578293|LeukoN5\_5\_G01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G01\_A027 3',  
mRNA sequence.:Start:1:Stop:433

GBEQ0398 GenBank Acc|CD535874|Ver|CD535874.1  
GI:31578289|LeukoN5\_5\_B03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_B03\_A027 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ0399 GenBank Acc|CD535871|Ver|CD535871.1  
GI:31578286|LeukoN5\_5\_D12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_D12\_A027 3',  
mRNA sequence.:Start:1:Stop:646

GBEQ0400 GenBank Acc|CD535862|Ver|CD535862.1  
GI:31578277|LeukoN5\_5\_C02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_C02\_A027 3',  
mRNA sequence.:Start:1:Stop:740

GBEQ0401 GenBank Acc|CD535861|Ver|CD535861.1  
GI:31578276|LeukoN5\_5\_F09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F09\_A027 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0402 GenBank Acc|CD535856|Ver|CD535856.1  
GI:31578271|LeukoN5\_5\_E10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E10\_A027 3',  
mRNA sequence.:Start:1:Stop:702

GBEQ0403 GenBank Acc|CD535855|Ver|CD535855.1  
GI:31578270|LeukoN5\_5\_F07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:301

GBEQ0404 GenBank Acc|CD535852|Ver|CD535852.1  
GI:31578267|LeukoN5\_5\_E04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E04\_A027 3',  
mRNA sequence.:Start:1:Stop:489

GBEQ0405 GenBank Acc|CD535851|Ver|CD535851.1  
GI:31578266|LeukoN5\_5\_F06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F06\_A027 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ0406 GenBank Acc|CD535844|Ver|CD535844.1  
GI:31578259|LeukoN5\_5\_G12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G12\_A027 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ0407 GenBank Acc|CD535842|Ver|CD535842.1  
GI:31578257|LeukoN5\_5\_A12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_A12\_A027 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0408 GenBank Acc|CD535838|Ver|CD535838.1  
GI:31578253|LeukoN5\_5\_G11.b1\_A027 Unstimulated peripheral blood

leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G11\_A027 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ0409 GenBank Acc|CD535830|Ver|CD535830.1  
GI:31578245|LeukoN5\_5\_H12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_H12\_A027 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ0410 GenBank Acc|CD535781|Ver|CD535781.1  
GI:31578196|LeukoN5\_8\_B08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_B08\_A027 3',  
mRNA sequence.:Start:1:Stop:474

GBEQ0411 GenBank Acc|CD535767|Ver|CD535767.1  
GI:31578182|LeukoN5\_8\_A11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A11\_A027 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ0412 GenBank Acc|CD535764|Ver|CD535764.1  
GI:31578179|LeukoN5\_8\_G01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_G01\_A027 3',  
mRNA sequence.:Start:1:Stop:483

GBEQ0413 GenBank Acc|CD535759|Ver|CD535759.1  
GI:31578174|LeukoN5\_8\_E10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_E10\_A027 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ0414 GenBank Acc|CD535754|Ver|CD535754.1  
GI:31578169|LeukoN5\_8\_D08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_D08\_A027 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0415 GenBank Acc|CD535752|Ver|CD535752.1  
GI:31578167|LeukoN5\_8\_A09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A09\_A027 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0416 GenBank Acc|CD535750|Ver|CD535750.1  
GI:31578165|LeukoN5\_8\_F04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0417 GenBank Acc|CD535746|Ver|CD535746.1  
GI:31578161|LeukoN5\_8\_A08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A08\_A027 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ0418 GenBank Acc|CD535693|Ver|CD535693.1  
GI:31578108|LeukoN5\_7\_F04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ0419 GenBank Acc|CD535687|Ver|CD535687.1  
GI:31578102|LeukoN5\_7\_E09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E09\_A027 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ0420 GenBank Acc|CD535686|Ver|CD535686.1  
GI:31578101|LeukoN5\_7\_A08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A08\_A027 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ0421 GenBank Acc|CD535685|Ver|CD535685.1  
GI:31578100|LeukoN5\_7\_G12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_G12\_A027 3',  
mRNA sequence.:Start:1:Stop:585

GBEQ0422 GenBank Acc|CD535683|Ver|CD535683.1  
GI:31578098|LeukoN5\_7\_D06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_D06\_A027 3',  
mRNA sequence.:Start:1:Stop:559

GBEQ0423 GenBank Acc|CD535681|Ver|CD535681.1  
GI:31578096|LeukoN5\_7\_A07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A07\_A027 3',  
mRNA sequence.:Start:1:Stop:240

GBEQ0424 GenBank Acc|CD535664|Ver|CD535664.1  
GI:31578079|LeukoN5\_7\_C01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ0425 GenBank Acc|CD535663|Ver|CD535663.1  
GI:31578078|LeukoN5\_7\_E05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:483

GBEQ0426 GenBank Acc|CD535604|Ver|CD535604.1  
GI:31578019|LeukoN5\_6\_A05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A05\_A027 3',  
mRNA sequence.:Start:1:Stop:705

GBEQ0427 GenBank Acc|CD535603|Ver|CD535603.1  
GI:31578018|LeukoN5\_6\_C09.b1\_A027 Unstimulated peripheral blood

leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C09\_A027 3',  
mRNA sequence.:Start:1:Stop:499

GBEQ0428 GenBank Acc|CD535599|Ver|CD535599.1  
GI:31578014|LeukoN5\_6\_C01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:291

GBEQ0429 GenBank Acc|CD535597|Ver|CD535597.1  
GI:31578012|LeukoN5\_6\_E05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:305

GBEQ0430 GenBank Acc|CD535594|Ver|CD535594.1  
GI:31578009|LeukoN5\_6\_B06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B06\_A027 3',  
mRNA sequence.:Start:1:Stop:399

GBEQ0431 GenBank Acc|CD535587|Ver|CD535587.1  
GI:31578002|LeukoN5\_6\_B12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B12\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0432 GenBank Acc|CD535583|Ver|CD535583.1  
GI:31577998|LeukoN5\_6\_F05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F05\_A027 3',  
mRNA sequence.:Start:1:Stop:616

GBEQ0433 GenBank Acc|CD535580|Ver|CD535580.1  
GI:31577995|LeukoN5\_6\_A02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A02\_A027 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ0434 GenBank Acc|CD535579|Ver|CD535579.1  
GI:31577994|LeukoN5\_6\_B04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B04\_A027 3',  
mRNA sequence.:Start:1:Stop:380

GBEQ0435 GenBank Acc|CD535578|Ver|CD535578.1  
GI:31577993|LeukoN5\_6\_D08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D08\_A027 3',  
mRNA sequence.:Start:1:Stop:670

GBEQ0436 GenBank Acc|CD535577|Ver|CD535577.1  
GI:31577992|LeukoN5\_6\_H01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ0437 GenBank Acc|CD535574|Ver|CD535574.1  
GI:31577989|LeukoN5\_6\_G06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G06\_A027 3',  
mRNA sequence.:Start:1:Stop:639

GBEQ0438 GenBank Acc|CD535568|Ver|CD535568.1  
GI:31577983|LeukoN5\_6\_F10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F10\_A027 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0439 GenBank Acc|CD535555|Ver|CD535555.1  
GI:31577970|LeukoN5\_6\_H06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H06\_A027 3',  
mRNA sequence.:Start:1:Stop:516

GBEQ0440 GenBank Acc|CD535553|Ver|CD535553.1  
GI:31577968|LeukoN5\_6\_D12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D12\_A027 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ0441 GenBank Acc|CD535550|Ver|CD535550.1  
GI:31577965|LeukoN5\_6\_F09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F09\_A027 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ0442 GenBank Acc|CD535548|Ver|CD535548.1  
GI:31577963|LeukoN5\_6\_H12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H12\_A027 3',  
mRNA sequence.:Start:1:Stop:405

GBEQ0443 GenBank Acc|CD535544|Ver|CD535544.1  
GI:31577959|LeukoN5\_6\_D04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D04\_A027 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ0444 GenBank Acc|CD535472|Ver|CD535472.1  
GI:31577887|LeukoN5\_4\_C01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:566

GBEQ0445 GenBank Acc|CD535471|Ver|CD535471.1  
GI:31577886|LeukoN5\_4\_E05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:123

GBEQ0446 GenBank Acc|CD535467|Ver|CD535467.1  
GI:31577882|LeukoN5\_4\_G05.b1\_A027 Unstimulated peripheral blood



leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G05\_A027 3',  
mRNA sequence.:Start:1:Stop:703

GBEQ0447 GenBank Acc|CD535464|Ver|CD535464.1  
GI:31577879|LeukoN5\_4\_C11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C11\_A027 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ0448 GenBank Acc|CD535463|Ver|CD535463.1  
GI:31577878|LeukoN5\_4\_C04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C04\_A027 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ0449 GenBank Acc|CD535462|Ver|CD535462.1  
GI:31577877|LeukoN5\_4\_E08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ0450 GenBank Acc|CD535455|Ver|CD535455.1  
GI:31577870|LeukoN5\_4\_B12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_B12\_A027 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ0451 GenBank Acc|CD535452|Ver|CD535452.1  
GI:31577867|LeukoN5\_4\_A03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A03\_A027 3',  
mRNA sequence.:Start:1:Stop:265

GBEQ0452 GenBank Acc|CD535450|Ver|CD535450.1  
GI:31577865|LeukoN5\_4\_D09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D09\_A027 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ0453 GenBank Acc|CD535448|Ver|CD535448.1  
GI:31577863|LeukoN5\_4\_C03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C03\_A027 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ0454 GenBank Acc|CD535447|Ver|CD535447.1  
GI:31577862|LeukoN5\_4\_D05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D05\_A027 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ0455 GenBank Acc|CD535443|Ver|CD535443.1  
GI:31577858|LeukoN5\_4\_D01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D01\_A027 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ0456 GenBank Acc|CD535442|Ver|CD535442.1  
GI:31577857|LeukoN5\_4\_E03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E03\_A027 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ0457 GenBank Acc|CD535440|Ver|CD535440.1  
GI:31577855|LeukoN5\_4\_G07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G07\_A027 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ0458 GenBank Acc|CD535439|Ver|CD535439.1  
GI:31577854|LeukoN5\_4\_H09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H09\_A027 3',  
mRNA sequence.:Start:1:Stop:687

GBEQ0459 GenBank Acc|CD535438|Ver|CD535438.1  
GI:31577853|LeukoN5\_4\_A06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A06\_A027 3',  
mRNA sequence.:Start:1:Stop:438

GBEQ0460 GenBank Acc|CD535436|Ver|CD535436.1  
GI:31577851|LeukoN5\_4\_G10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G10\_A027 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0461 GenBank Acc|CD535432|Ver|CD535432.1  
GI:31577847|LeukoN5\_4\_H05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H05\_A027 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0462 GenBank Acc|CD535428|Ver|CD535428.1  
GI:31577843|LeukoN5\_4\_C02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C02\_A027 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ0463 GenBank Acc|CD535427|Ver|CD535427.1  
GI:31577842|LeukoN5\_4\_D04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D04\_A027 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ0464 GenBank Acc|CD535426|Ver|CD535426.1  
GI:31577841|LeukoN5\_4\_E06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E06\_A027 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ0465 GenBank Acc|CD535425|Ver|CD535425.1  
GI:31577840|LeukoN5\_4\_F08.b1\_A027 Unstimulated peripheral blood

leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F08\_A027 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ0466 GenBank Acc|CD535423|Ver|CD535423.1  
GI:31577838|LeukoN5\_4\_F04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ0467 GenBank Acc|CD535421|Ver|CD535421.1  
GI:31577836|LeukoN5\_4\_A05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A05\_A027 3',  
mRNA sequence.:Start:1:Stop:713

GBEQ0468 GenBank Acc|CD535414|Ver|CD535414.1  
GI:31577829|LeukoN5\_4\_A01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A01\_A027 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ0469 GenBank Acc|CD535339|Ver|CD535339.1  
GI:31577754|LeukoN5\_2\_G08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_G08\_A027 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ0470 GenBank Acc|CD535334|Ver|CD535334.1  
GI:31577749|LeukoN5\_2\_B12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B12\_A027 3',  
mRNA sequence.:Start:1:Stop:133

GBEQ0471 GenBank Acc|CD535329|Ver|CD535329.1  
GI:31577744|LeukoN5\_2\_C10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C10\_A027 3',  
mRNA sequence.:Start:1:Stop:688

GBEQ0472 GenBank Acc|CD535326|Ver|CD535326.1  
GI:31577741|LeukoN5\_2\_D05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_D05\_A027 3',  
mRNA sequence.:Start:1:Stop:755

GBEQ0473 GenBank Acc|CD535320|Ver|CD535320.1  
GI:31577735|LeukoN5\_2\_G07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_G07\_A027 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ0474 GenBank Acc|CD535316|Ver|CD535316.1  
GI:31577731|LeukoN5\_2\_C06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C06\_A027 3',  
mRNA sequence.:Start:1:Stop:681

GBEQ0475 GenBank Acc|CD535312|Ver|CD535312.1  
GI:31577727|LeukoN5\_2\_F11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F11\_A027 3',  
mRNA sequence.:Start:1:Stop:634

GBEQ0476 GenBank Acc|CD535310|Ver|CD535310.1  
GI:31577725|LeukoN5\_2\_F04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:658

GBEQ0477 GenBank Acc|CD535308|Ver|CD535308.1  
GI:31577723|LeukoN5\_2\_C09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C09\_A027 3',  
mRNA sequence.:Start:1:Stop:650

GBEQ0478 GenBank Acc|CD535306|Ver|CD535306.1  
GI:31577721|LeukoN5\_2\_B10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B10\_A027 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ0479 GenBank Acc|CD535300|Ver|CD535300.1  
GI:31577715|LeukoN5\_2\_D10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_D10\_A027 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ0480 GenBank Acc|CD535297|Ver|CD535297.1  
GI:31577712|LeukoN5\_2\_F07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ0481 GenBank Acc|CD535292|Ver|CD535292.1  
GI:31577707|LeukoN5\_2\_A04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_A04\_A027 3',  
mRNA sequence.:Start:1:Stop:251

GBEQ0482 GenBank Acc|CD535206|Ver|CD535206.1  
GI:31577621|LeukoN5\_1\_G04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ0483 GenBank Acc|CD535201|Ver|CD535201.1  
GI:31577616|LeukoN5\_1\_C10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C10\_A027 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ0484 GenBank Acc|CD535200|Ver|CD535200.1  
GI:31577615|LeukoN5\_1\_H02.b1\_A027 Unstimulated peripheral blood

leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H02\_A027 3',  
mRNA sequence.:Start:1:Stop:719

GBEQ0485 GenBank Acc|CD535197|Ver|CD535197.1  
GI:31577612|LeukoN5\_1\_E10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E10\_A027 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ0486 GenBank Acc|CD535195|Ver|CD535195.1  
GI:31577610|LeukoN5\_1\_G07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G07\_A027 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ0487 GenBank Acc|CD535193|Ver|CD535193.1  
GI:31577608|LeukoN5\_1\_G10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G10\_A027 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ0488 GenBank Acc|CD535192|Ver|CD535192.1  
GI:31577607|LeukoN5\_1\_B11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B11\_A027 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ0489 GenBank Acc|CD535191|Ver|CD535191.1  
GI:31577606|LeukoN5\_1\_G03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G03\_A027 3',  
mRNA sequence.:Start:1:Stop:665

GBEQ0490 GenBank Acc|CD535185|Ver|CD535185.1  
GI:31577600|LeukoN5\_1\_C02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C02\_A027 3',  
mRNA sequence.:Start:1:Stop:587

GBEQ0491 GenBank Acc|CD535184|Ver|CD535184.1  
GI:31577599|LeukoN5\_1\_D04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_D04\_A027 3',  
mRNA sequence.:Start:1:Stop:634

GBEQ0492 GenBank Acc|CD535183|Ver|CD535183.1  
GI:31577598|LeukoN5\_1\_F08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_F08\_A027 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0493 GenBank Acc|CD535177|Ver|CD535177.1  
GI:31577592|LeukoN5\_1\_C09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C09\_A027 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ0494 GenBank Acc|CD535176|Ver|CD535176.1  
GI:31577591|LeukoN5\_1\_B10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B10\_A027 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ0495 GenBank Acc|CD535175|Ver|CD535175.1  
GI:31577590|LeukoN5\_1\_G02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G02\_A027 3',  
mRNA sequence.:Start:1:Stop:599

GBEQ0496 GenBank Acc|CD535160|Ver|CD535160.1  
GI:31577575|LeukoN5\_1\_H07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H07\_A027 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ0497 GenBank Acc|CD535156|Ver|CD535156.1  
GI:31577571|LeukoN5\_1\_H03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H03\_A027 3',  
mRNA sequence.:Start:1:Stop:715

GBEQ0498 GenBank Acc|CD535152|Ver|CD535152.1  
GI:31577567|LeukoN5\_1\_E11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ0499 GenBank Acc|CD535076|Ver|CD535076.1  
GI:31577491|LeukoN5\_3\_E04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_E04\_A027 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ0500 GenBank Acc|CD535073|Ver|CD535073.1  
GI:31577488|LeukoN5\_3\_G11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_G11\_A027 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ0501 GenBank Acc|CD535067|Ver|CD535067.1  
GI:31577482|LeukoN5\_3\_C10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_C10\_A027 3',  
mRNA sequence.:Start:1:Stop:752

GBEQ0502 GenBank Acc|CD535066|Ver|CD535066.1  
GI:31577481|LeukoN5\_3\_H02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H02\_A027 3',  
mRNA sequence.:Start:1:Stop:437

GBEQ0503 GenBank Acc|CD535061|Ver|CD535061.1  
GI:31577476|LeukoN5\_3\_B08.b1\_A027 Unstimulated peripheral blood

leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_B08\_A027 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ0504 GenBank Acc|CD535059|Ver|CD535059.1  
GI:31577474|LeukoN5\_3\_H12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H12\_A027 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ0505 GenBank Acc|CD535055|Ver|CD535055.1  
GI:31577470|LeukoN5\_3\_H01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:729

GBEQ0506 GenBank Acc|CD535053|Ver|CD535053.1  
GI:31577468|LeukoN5\_3\_C02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_C02\_A027 3',  
mRNA sequence.:Start:1:Stop:521

GBEQ0507 GenBank Acc|CD535051|Ver|CD535051.1  
GI:31577466|LeukoN5\_3\_A09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A09\_A027 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0508 GenBank Acc|CD535047|Ver|CD535047.1  
GI:31577462|LeukoN5\_3\_H08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H08\_A027 3',  
mRNA sequence.:Start:1:Stop:688

GBEQ0509 GenBank Acc|CD535041|Ver|CD535041.1  
GI:31577456|LeukoN5\_3\_H04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H04\_A027 3',  
mRNA sequence.:Start:1:Stop:660

GBEQ0510 GenBank Acc|CD535034|Ver|CD535034.1  
GI:31577449|LeukoN5\_3\_A08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A08\_A027 3',  
mRNA sequence.:Start:1:Stop:494

GBEQ0511 GenBank Acc|CD528909|Ver|CD528909.1  
GI:31567531|LeukoN3\_8\_E07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_E07\_A025 3',  
mRNA sequence.:Start:1:Stop:708

GBEQ0512 GenBank Acc|CD528907|Ver|CD528907.1  
GI:31567529|LeukoN3\_8\_E03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_E03\_A025 3',  
mRNA sequence.:Start:1:Stop:362

GBEQ0513 GenBank Acc|CD528905|Ver|CD528905.1  
GI:31567527|LeukoN3\_8\_B08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_B08\_A025 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0514 GenBank Acc|CD528901|Ver|CD528901.1  
GI:31567523|LeukoN3\_8\_D04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D04\_A025 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0515 GenBank Acc|CD528898|Ver|CD528898.1  
GI:31567520|LeukoN3\_8\_A12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_A12\_A025 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ0516 GenBank Acc|CD528897|Ver|CD528897.1  
GI:31567519|LeukoN3\_8\_F04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_F04\_A025 3',  
mRNA sequence.:Start:1:Stop:738

GBEQ0517 GenBank Acc|CD528894|Ver|CD528894.1  
GI:31567516|LeukoN3\_8\_C05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_C05\_A025 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0518 GenBank Acc|CD528891|Ver|CD528891.1  
GI:31567513|LeukoN3\_8\_F07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_F07\_A025 3',  
mRNA sequence.:Start:1:Stop:147

GBEQ0519 GenBank Acc|CD528888|Ver|CD528888.1  
GI:31567510|LeukoN3\_8\_G05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G05\_A025 3',  
mRNA sequence.:Start:1:Stop:740

GBEQ0520 GenBank Acc|CD528884|Ver|CD528884.1  
GI:31567506|LeukoN3\_8\_D06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D06\_A025 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ0521 GenBank Acc|CD528881|Ver|CD528881.1  
GI:31567503|LeukoN3\_8\_G08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G08\_A025 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ0522 GenBank Acc|CD528880|Ver|CD528880.1  
GI:31567502|LeukoN3\_8\_B09.b1\_A025 Unstimulated peripheral blood



leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ0523 GenBank Acc|CD528879|Ver|CD528879.1  
GI:31567501|LeukoN3\_8\_A10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_A10\_A025 3',  
mRNA sequence.:Start:1:Stop:681

GBEQ0524 GenBank Acc|CD528876|Ver|CD528876.1  
GI:31567498|LeukoN3\_8\_G04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G04\_A025 3',  
mRNA sequence.:Start:1:Stop:401

GBEQ0525 GenBank Acc|CD528860|Ver|CD528860.1  
GI:31567482|LeukoN3\_5\_B10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B10\_A025 3',  
mRNA sequence.:Start:1:Stop:222

GBEQ0526 GenBank Acc|CD528854|Ver|CD528854.1  
GI:31567476|LeukoN3\_5\_D10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D10\_A025 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ0527 GenBank Acc|CD528853|Ver|CD528853.1  
GI:31567475|LeukoN3\_5\_D03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D03\_A025 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ0528 GenBank Acc|CD528852|Ver|CD528852.1  
GI:31567474|LeukoN3\_5\_F07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F07\_A025 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ0529 GenBank Acc|CD528849|Ver|CD528849.1  
GI:31567471|LeukoN3\_5\_G05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G05\_A025 3',  
mRNA sequence.:Start:1:Stop:730

GBEQ0530 GenBank Acc|CD528848|Ver|CD528848.1  
GI:31567470|LeukoN3\_5\_G01.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G01\_A025 3',  
mRNA sequence.:Start:1:Stop:224

GBEQ0531 GenBank Acc|CD528846|Ver|CD528846.1  
GI:31567468|LeukoN3\_5\_B02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:649

GBEQ0532 GenBank Acc|CD528845|Ver|CD528845.1  
GI:31567467|LeukoN3\_5\_C04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_C04\_A025 3',  
mRNA sequence.:Start:1:Stop:370

GBEQ0533 GenBank Acc|CD528844|Ver|CD528844.1  
GI:31567466|LeukoN3\_5\_E11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_E11\_A025 3',  
mRNA sequence.:Start:1:Stop:313

GBEQ0534 GenBank Acc|CD528841|Ver|CD528841.1  
GI:31567463|LeukoN3\_5\_G08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G08\_A025 3',  
mRNA sequence.:Start:1:Stop:491

GBEQ0535 GenBank Acc|CD528838|Ver|CD528838.1  
GI:31567460|LeukoN3\_5\_B12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B12\_A025 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0536 GenBank Acc|CD528831|Ver|CD528831.1  
GI:31567453|LeukoN3\_5\_A06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_A06\_A025 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0537 GenBank Acc|CD528830|Ver|CD528830.1  
GI:31567452|LeukoN3\_5\_B08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B08\_A025 3',  
mRNA sequence.:Start:1:Stop:660

GBEQ0538 GenBank Acc|CD528829|Ver|CD528829.1  
GI:31567451|LeukoN3\_5\_G10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G10\_A025 3',  
mRNA sequence.:Start:1:Stop:719

GBEQ0539 GenBank Acc|CD528783|Ver|CD528783.1  
GI:31567405|LeukoN3\_7\_H02.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H02\_A025 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0540 GenBank Acc|CD528782|Ver|CD528782.1  
GI:31567404|LeukoN3\_7\_B01.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_B01\_A025 3',  
mRNA sequence.:Start:1:Stop:408

GBEQ0541 GenBank Acc|CD528781|Ver|CD528781.1  
GI:31567403|LeukoN3\_7\_C03.b2\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0542 GenBank Acc|CD528779|Ver|CD528779.1  
GI:31567401|LeukoN3\_7\_D10.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D10\_A025 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ0543 GenBank Acc|CD528776|Ver|CD528776.1  
GI:31567398|LeukoN3\_7\_C01.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C01\_A025 3',  
mRNA sequence.:Start:1:Stop:487

GBEQ0544 GenBank Acc|CD528773|Ver|CD528773.1  
GI:31567395|LeukoN3\_7\_G09.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_G09\_A025 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ0545 GenBank Acc|CD528765|Ver|CD528765.1  
GI:31567387|LeukoN3\_7\_A06.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A06\_A025 3',  
mRNA sequence.:Start:1:Stop:732

GBEQ0546 GenBank Acc|CD528762|Ver|CD528762.1  
GI:31567384|LeukoN3\_7\_F03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ0547 GenBank Acc|CD528756|Ver|CD528756.1  
GI:31567378|LeukoN3\_7\_A02.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A02\_A025 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ0548 GenBank Acc|CD528754|Ver|CD528754.1  
GI:31567376|LeukoN3\_7\_C06.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C06\_A025 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ0549 GenBank Acc|CD528746|Ver|CD528746.1  
GI:31567368|LeukoN3\_7\_C02.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C02\_A025 3',  
mRNA sequence.:Start:1:Stop:500

GBEQ0550 GenBank Acc|CD528745|Ver|CD528745.1  
GI:31567367|LeukoN3\_7\_D04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D04\_A025 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ0551 GenBank Acc|CD528736|Ver|CD528736.1  
GI:31567358|LeukoN3\_7\_B09.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:277

GBEQ0552 GenBank Acc|CD528734|Ver|CD528734.1  
GI:31567356|LeukoN3\_7\_H08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H08\_A025 3',  
mRNA sequence.:Start:1:Stop:658

GBEQ0553 GenBank Acc|CD528733|Ver|CD528733.1  
GI:31567355|LeukoN3\_7\_A05.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A05\_A025 3',  
mRNA sequence.:Start:1:Stop:367

GBEQ0554 GenBank Acc|CD528634|Ver|CD528634.1  
GI:31567256|LeukoN3\_3\_F03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:543

GBEQ0555 GenBank Acc|CD528632|Ver|CD528632.1  
GI:31567254|LeukoN3\_3\_H07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H07\_A025 3',  
mRNA sequence.:Start:1:Stop:467

GBEQ0556 GenBank Acc|CD528629|Ver|CD528629.1  
GI:31567251|LeukoN3\_3\_E09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E09\_A025 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ0557 GenBank Acc|CD528623|Ver|CD528623.1  
GI:31567245|LeukoN3\_3\_H12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H12\_A025 3',  
mRNA sequence.:Start:1:Stop:746

GBEQ0558 GenBank Acc|CD528621|Ver|CD528621.1  
GI:31567243|LeukoN3\_3\_B11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B11\_A025 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ0559 GenBank Acc|CD528619|Ver|CD528619.1  
GI:31567241|LeukoN3\_3\_A02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_A02\_A025 3',  
mRNA sequence.:Start:1:Stop:542

GBEQ0560 GenBank Acc|CD528615|Ver|CD528615.1  
GI:31567237|LeukoN3\_3\_C01.b1\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C01\_A025 3',  
mRNA sequence.:Start:1:Stop:277

GBEQ0561 GenBank Acc|CD528611|Ver|CD528611.1  
GI:31567233|LeukoN3\_3\_C08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C08\_A025 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ0562 GenBank Acc|CD528604|Ver|CD528604.1  
GI:31567226|LeukoN3\_3\_G12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_G12\_A025 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ0563 GenBank Acc|CD528601|Ver|CD528601.1  
GI:31567223|LeukoN3\_3\_F05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F05\_A025 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ0564 GenBank Acc|CD528600|Ver|CD528600.1  
GI:31567222|LeukoN3\_3\_H09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:697

GBEQ0565 GenBank Acc|CD528599|Ver|CD528599.1  
GI:31567221|LeukoN3\_3\_A06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_A06\_A025 3',  
mRNA sequence.:Start:1:Stop:533

GBEQ0566 GenBank Acc|CD528593|Ver|CD528593.1  
GI:31567215|LeukoN3\_3\_E07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E07\_A025 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ0567 GenBank Acc|CD528592|Ver|CD528592.1  
GI:31567214|LeukoN3\_3\_F09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F09\_A025 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ0568 GenBank Acc|CD528586|Ver|CD528586.1  
GI:31567208|LeukoN3\_3\_C12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C12\_A025 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ0569 GenBank Acc|CD528585|Ver|CD528585.1  
GI:31567207|LeukoN3\_3\_H04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H04\_A025 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ0570 GenBank Acc|CD528583|Ver|CD528583.1  
GI:31567205|LeukoN3\_3\_C10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C10\_A025 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ0571 GenBank Acc|CD528581|Ver|CD528581.1  
GI:31567203|LeukoN3\_3\_D11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_D11\_A025 3',  
mRNA sequence.:Start:1:Stop:740

GBEQ0572 GenBank Acc|CD528575|Ver|CD528575.1  
GI:31567197|LeukoN3\_3\_B10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B10\_A025 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ0573 GenBank Acc|CD528482|Ver|CD528482.1  
GI:31567104|LeukoN3\_2\_D06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D06\_A025 3',  
mRNA sequence.:Start:1:Stop:688

GBEQ0574 GenBank Acc|CD528480|Ver|CD528480.1  
GI:31567102|LeukoN3\_2\_A08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A08\_A025 3',  
mRNA sequence.:Start:1:Stop:606

GBEQ0575 GenBank Acc|CD528477|Ver|CD528477.1  
GI:31567099|LeukoN3\_2\_E01.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E01\_A025 3',  
mRNA sequence.:Start:1:Stop:431

GBEQ0576 GenBank Acc|CD528476|Ver|CD528476.1  
GI:31567098|LeukoN3\_2\_A11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A11\_A025 3',  
mRNA sequence.:Start:1:Stop:646

GBEQ0577 GenBank Acc|CD528475|Ver|CD528475.1  
GI:31567097|LeukoN3\_2\_B10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B10\_A025 3',  
mRNA sequence.:Start:1:Stop:518

GBEQ0578 GenBank Acc|CD528459|Ver|CD528459.1  
GI:31567081|LeukoN3\_2\_H07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H07\_A025 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ0579 GenBank Acc|CD528455|Ver|CD528455.1  
GI:31567077|LeukoN3\_2\_H10.b1\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H10\_A025 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ0580 GenBank Acc|CD528446|Ver|CD528446.1  
GI:31567068|LeukoN3\_2\_B04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B04\_A025 3',  
mRNA sequence.:Start:1:Stop:355

GBEQ0581 GenBank Acc|CD528444|Ver|CD528444.1  
GI:31567066|LeukoN3\_2\_H01.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H01\_A025 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0582 GenBank Acc|CD528443|Ver|CD528443.1  
GI:31567065|LeukoN3\_2\_B07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B07\_A025 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ0583 GenBank Acc|CD528441|Ver|CD528441.1  
GI:31567063|LeukoN3\_2\_H09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ0584 GenBank Acc|CD528440|Ver|CD528440.1  
GI:31567062|LeukoN3\_2\_B08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B08\_A025 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ0585 GenBank Acc|CD528439|Ver|CD528439.1  
GI:31567061|LeukoN3\_2\_G10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_G10\_A025 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ0586 GenBank Acc|CD528438|Ver|CD528438.1  
GI:31567060|LeukoN3\_2\_D12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:666

GBEQ0587 GenBank Acc|CD528434|Ver|CD528434.1  
GI:31567056|LeukoN3\_2\_G11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:687

GBEQ0588 GenBank Acc|CD528430|Ver|CD528430.1  
GI:31567052|LeukoN3\_2\_H06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H06\_A025 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ0589 GenBank Acc|CD528424|Ver|CD528424.1  
GI:31567046|LeukoN3\_2\_E03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E03\_A025 3',  
mRNA sequence.:Start:1:Stop:517

GBEQ0590 GenBank Acc|CD528330|Ver|CD528330.1  
GI:31566952|LeukoN3\_1\_A08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A08\_A025 3',  
mRNA sequence.:Start:1:Stop:596

GBEQ0591 GenBank Acc|CD528329|Ver|CD528329.1  
GI:31566951|LeukoN3\_1\_E03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E03\_A025 3',  
mRNA sequence.:Start:1:Stop:530

GBEQ0592 GenBank Acc|CD528326|Ver|CD528326.1  
GI:31566948|LeukoN3\_1\_F10.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F10\_A025 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ0593 GenBank Acc|CD528325|Ver|CD528325.1  
GI:31566947|LeukoN3\_1\_H09.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0594 GenBank Acc|CD528322|Ver|CD528322.1  
GI:31566944|LeukoN3\_1\_A11.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A11\_A025 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ0595 GenBank Acc|CD528318|Ver|CD528318.1  
GI:31566940|LeukoN3\_1\_B06.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B06\_A025 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0596 GenBank Acc|CD528306|Ver|CD528306.1  
GI:31566928|LeukoN3\_1\_C02.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C02\_A025 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ0597 GenBank Acc|CD528303|Ver|CD528303.1  
GI:31566925|LeukoN3\_1\_A09.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A09\_A025 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ0598 GenBank Acc|CD528292|Ver|CD528292.1  
GI:31566914|LeukoN3\_1\_B07.b2\_A025 Unstimulated peripheral blood



leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B07\_A025 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ0599 GenBank Acc|CD528291|Ver|CD528291.1  
GI:31566913|LeukoN3\_1\_F02.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F02\_A025 3',  
mRNA sequence.:Start:1:Stop:219

GBEQ0600 GenBank Acc|CD528290|Ver|CD528290.1  
GI:31566912|LeukoN3\_1\_C09.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C09\_A025 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0601 GenBank Acc|CD528288|Ver|CD528288.1  
GI:31566910|LeukoN3\_1\_G04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_G04\_A025 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0602 GenBank Acc|CD528287|Ver|CD528287.1  
GI:31566909|LeukoN3\_1\_H06.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H06\_A025 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ0603 GenBank Acc|CD528285|Ver|CD528285.1  
GI:31566907|LeukoN3\_1\_A03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A03\_A025 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ0604 GenBank Acc|CD528281|Ver|CD528281.1  
GI:31566903|LeukoN3\_1\_H04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H04\_A025 3',  
mRNA sequence.:Start:1:Stop:653

GBEQ0605 GenBank Acc|CD528280|Ver|CD528280.1  
GI:31566902|LeukoN3\_1\_A01.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A01\_A025 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ0606 GenBank Acc|CD528273|Ver|CD528273.1  
GI:31566895|LeukoN3\_1\_C03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:352

GBEQ0607 GenBank Acc|CD528265|Ver|CD528265.1  
GI:31566887|LeukoN3\_1\_F07.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F07\_A025 3',  
mRNA sequence.:Start:1:Stop:537

GBEQ0608 GenBank Acc|CD528172|Ver|CD528172.1  
GI:31566794|LeukoN3\_4\_E01.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E01\_A025 3',  
mRNA sequence.:Start:1:Stop:565

GBEQ0609 GenBank Acc|CD528168|Ver|CD528168.1  
GI:31566790|LeukoN3\_4\_H07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H07\_A025 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ0610 GenBank Acc|CD528162|Ver|CD528162.1  
GI:31566784|LeukoN3\_4\_H09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:682

GBEQ0611 GenBank Acc|CD528159|Ver|CD528159.1  
GI:31566781|LeukoN3\_4\_A08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A08\_A025 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ0612 GenBank Acc|CD528158|Ver|CD528158.1  
GI:31566780|LeukoN3\_4\_B03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B03\_A025 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ0613 GenBank Acc|CD528152|Ver|CD528152.1  
GI:31566774|LeukoN3\_4\_D12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:653

GBEQ0614 GenBank Acc|CD528151|Ver|CD528151.1  
GI:31566773|LeukoN3\_4\_C03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0615 GenBank Acc|CD528148|Ver|CD528148.1  
GI:31566770|LeukoN3\_4\_F09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F09\_A025 3',  
mRNA sequence.:Start:1:Stop:399

GBEQ0616 GenBank Acc|CD528145|Ver|CD528145.1  
GI:31566767|LeukoN3\_4\_B04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B04\_A025 3',  
mRNA sequence.:Start:1:Stop:498

GBEQ0617 GenBank Acc|CD528142|Ver|CD528142.1  
GI:31566764|LeukoN3\_4\_B12.b1\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B12\_A025 3',  
mRNA sequence.:Start:1:Stop:640

GBEQ0618 GenBank Acc|CD528139|Ver|CD528139.1  
GI:31566761|LeukoN3\_4\_A03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A03\_A025 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0619 GenBank Acc|CD528136|Ver|CD528136.1  
GI:31566758|LeukoN3\_4\_E11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E11\_A025 3',  
mRNA sequence.:Start:1:Stop:687

GBEQ0620 GenBank Acc|CD528133|Ver|CD528133.1  
GI:31566755|LeukoN3\_4\_H10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H10\_A025 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ0621 GenBank Acc|CD528128|Ver|CD528128.1  
GI:31566750|LeukoN3\_4\_G11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ0622 GenBank Acc|CD528127|Ver|CD528127.1  
GI:31566749|LeukoN3\_4\_F02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F02\_A025 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0623 GenBank Acc|CD528122|Ver|CD528122.1  
GI:31566744|LeukoN3\_4\_B02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:522

GBEQ0624 GenBank Acc|CD528117|Ver|CD528117.1  
GI:31566739|LeukoN3\_4\_E04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ0625 GenBank Acc|CD528116|Ver|CD528116.1  
GI:31566738|LeukoN3\_4\_F06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ0626 GenBank Acc|CD528111|Ver|CD528111.1  
GI:31566733|LeukoN3\_4\_A09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A09\_A025 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ0627 GenBank Acc|CD472332|Ver|CD472332.1  
GI:31393600|LeukoS6\_5\_B11.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_B11\_A028 3',  
mRNA sequence.:Start:1:Stop:490

GBEQ0628 GenBank Acc|CD472327|Ver|CD472327.1  
GI:31393595|LeukoS6\_5\_H10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_H10\_A028 3',  
mRNA sequence.:Start:1:Stop:366

GBEQ0629 GenBank Acc|CD472316|Ver|CD472316.1  
GI:31393584|LeukoS6\_5\_C11.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C11\_A028 3',  
mRNA sequence.:Start:1:Stop:461

GBEQ0630 GenBank Acc|CD472313|Ver|CD472313.1  
GI:31393581|LeukoS6\_5\_C10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C10\_A028 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ0631 GenBank Acc|CD472308|Ver|CD472308.1  
GI:31393576|LeukoS6\_5\_C04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C04\_A028 3',  
mRNA sequence.:Start:1:Stop:143

GBEQ0632 GenBank Acc|CD472304|Ver|CD472304.1  
GI:31393572|LeukoS6\_5\_D11.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_D11\_A028 3',  
mRNA sequence.:Start:1:Stop:579

GBEQ0633 GenBank Acc|CD472295|Ver|CD472295.1  
GI:31393563|LeukoS6\_5\_E11.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E11\_A028 3',  
mRNA sequence.:Start:1:Stop:321

GBEQ0634 GenBank Acc|CD472279|Ver|CD472279.1  
GI:31393547|LeukoS6\_5\_A07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_A07\_A028 3',  
mRNA sequence.:Start:1:Stop:542

GBEQ0635 GenBank Acc|CD472278|Ver|CD472278.1  
GI:31393546|LeukoS6\_5\_G12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_G12\_A028 3',  
mRNA sequence.:Start:1:Stop:543

GBEQ0636 GenBank Acc|CD472263|Ver|CD472263.1  
GI:31393531|LeukoS6\_5\_C09.b1\_A028 Stimulated peripheral blood

leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C09\_A028 3',  
mRNA sequence.:Start:1:Stop:190

GBEQ0637 GenBank Acc|CD472170|Ver|CD472170.1  
GI:31393438|LeukoS6\_1\_A05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_A05\_A028 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ0638 GenBank Acc|CD472163|Ver|CD472163.1  
GI:31393431|LeukoS6\_1\_C01.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_C01\_A028 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0639 GenBank Acc|CD472156|Ver|CD472156.1  
GI:31393424|LeukoS6\_1\_B06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B06\_A028 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ0640 GenBank Acc|CD472142|Ver|CD472142.1  
GI:31393410|LeukoS6\_1\_E10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E10\_A028 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0641 GenBank Acc|CD472140|Ver|CD472140.1  
GI:31393408|LeukoS6\_1\_E03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E03\_A028 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0642 GenBank Acc|CD472137|Ver|CD472137.1  
GI:31393405|LeukoS6\_1\_H09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_H09\_A028 3',  
mRNA sequence.:Start:1:Stop:458

GBEQ0643 GenBank Acc|CD472115|Ver|CD472115.1  
GI:31393383|LeukoS6\_1\_F03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_F03\_A028 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ0644 GenBank Acc|CD472107|Ver|CD472107.1  
GI:31393375|LeukoS6\_1\_B09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B09\_A028 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ0645 GenBank Acc|CD472099|Ver|CD472099.1  
GI:31393367|LeukoS6\_1\_E07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E07\_A028 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ0646 GenBank Acc|CD472098|Ver|CD472098.1  
GI:31393366|LeukoS6\_1\_F09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_F09\_A028 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ0647 GenBank Acc|CD472014|Ver|CD472014.1  
GI:31393282|LeukoS6\_3\_H06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_H06\_A028 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ0648 GenBank Acc|CD472012|Ver|CD472012.1  
GI:31393280|LeukoS6\_3\_D12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_D12\_A028 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ0649 GenBank Acc|CD472006|Ver|CD472006.1  
GI:31393274|LeukoS6\_3\_A06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_A06\_A028 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0650 GenBank Acc|CD472004|Ver|CD472004.1  
GI:31393272|LeukoS6\_3\_G10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_G10\_A028 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ0651 GenBank Acc|CD471998|Ver|CD471998.1  
GI:31393266|LeukoS6\_3\_D04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_D04\_A028 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ0652 GenBank Acc|CD471993|Ver|CD471993.1  
GI:31393261|LeukoS6\_3\_C09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C09\_A028 3',  
mRNA sequence.:Start:1:Stop:554

GBEQ0653 GenBank Acc|CD471980|Ver|CD471980.1  
GI:31393248|LeukoS6\_3\_C08.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C08\_A028 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0654 GenBank Acc|CD471977|Ver|CD471977.1  
GI:31393245|LeukoS6\_3\_H03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_H03\_A028 3',  
mRNA sequence.:Start:1:Stop:704

GBEQ0655 GenBank Acc|CD471972|Ver|CD471972.1  
GI:31393240|LeukoS6\_3\_A10.b1\_A028 Stimulated peripheral blood

leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_A10\_A028 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ0656 GenBank Acc|CD471938|Ver|CD471938.1  
GI:31393206|LeukoS6\_3\_E01.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_E01\_A028 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0657 GenBank Acc|CD471838|Ver|CD471838.1  
GI:31393106|LeukoS6\_2\_F05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_F05\_A028 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ0658 GenBank Acc|CD471836|Ver|CD471836.1  
GI:31393104|LeukoS6\_2\_H09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H09\_A028 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ0659 GenBank Acc|CD471832|Ver|CD471832.1  
GI:31393100|LeukoS6\_2\_C06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_C06\_A028 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ0660 GenBank Acc|CD471819|Ver|CD471819.1  
GI:31393087|LeukoS6\_2\_E09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_E09\_A028 3',  
mRNA sequence.:Start:1:Stop:576

GBEQ0661 GenBank Acc|CD471812|Ver|CD471812.1  
GI:31393080|LeukoS6\_2\_H07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H07\_A028 3',  
mRNA sequence.:Start:1:Stop:627

GBEQ0662 GenBank Acc|CD471810|Ver|CD471810.1  
GI:31393078|LeukoS6\_2\_B02.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B02\_A028 3',  
mRNA sequence.:Start:1:Stop:665

GBEQ0663 GenBank Acc|CD471805|Ver|CD471805.1  
GI:31393073|LeukoS6\_2\_B09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B09\_A028 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0664 GenBank Acc|CD471803|Ver|CD471803.1  
GI:31393071|LeukoS6\_2\_F02.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_F02\_A028 3',  
mRNA sequence.:Start:1:Stop:542

GBEQ0665 GenBank Acc|CD471793|Ver|CD471793.1  
GI:31393061|LeukoS6\_2\_A06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A06\_A028 3',  
mRNA sequence.:Start:1:Stop:606

GBEQ0666 GenBank Acc|CD471792|Ver|CD471792.1  
GI:31393060|LeukoS6\_2\_B08.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B08\_A028 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ0667 GenBank Acc|CD471772|Ver|CD471772.1  
GI:31393040|LeukoS6\_2\_C01.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_C01\_A028 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ0668 GenBank Acc|CD471765|Ver|CD471765.1  
GI:31393033|LeukoS6\_2\_B06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B06\_A028 3',  
mRNA sequence.:Start:1:Stop:570

GBEQ0669 GenBank Acc|CD471764|Ver|CD471764.1  
GI:31393032|LeukoS6\_2\_H10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H10\_A028 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ0670 GenBank Acc|CD471760|Ver|CD471760.1  
GI:31393028|LeukoS6\_2\_D02.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_D02\_A028 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0671 GenBank Acc|CD471754|Ver|CD471754.1  
GI:31393022|LeukoS6\_2\_A03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A03\_A028 3',  
mRNA sequence.:Start:1:Stop:650

GBEQ0672 GenBank Acc|CD471658|Ver|CD471658.1  
GI:31392926|LeukoS6\_4\_B12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_B12\_A028 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ0673 GenBank Acc|CD471657|Ver|CD471657.1  
GI:31392925|LeukoS6\_4\_A03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A03\_A028 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ0674 GenBank Acc|CD471653|Ver|CD471653.1  
GI:31392921|LeukoS6\_4\_E10.b1\_A028 Stimulated peripheral blood



leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_E10\_A028 3',  
mRNA sequence.:Start:1:Stop:435

GBEQ0675 GenBank Acc|CD471649|Ver|CD471649.1  
GI:31392917|LeukoS6\_4\_F05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F05\_A028 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0676 GenBank Acc|CD471648|Ver|CD471648.1  
GI:31392916|LeukoS6\_4\_G07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G07\_A028 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ0677 GenBank Acc|CD471644|Ver|CD471644.1  
GI:31392912|LeukoS6\_4\_C06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C06\_A028 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0678 GenBank Acc|CD471642|Ver|CD471642.1  
GI:31392910|LeukoS6\_4\_A09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A09\_A028 3',  
mRNA sequence.:Start:1:Stop:513

GBEQ0679 GenBank Acc|CD471632|Ver|CD471632.1  
GI:31392900|LeukoS6\_4\_D07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D07\_A028 3',  
mRNA sequence.:Start:1:Stop:650

GBEQ0680 GenBank Acc|CD471629|Ver|CD471629.1  
GI:31392897|LeukoS6\_4\_F10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F10\_A028 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0681 GenBank Acc|CD471623|Ver|CD471623.1  
GI:31392891|LeukoS6\_4\_C04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C04\_A028 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ0682 GenBank Acc|CD471620|Ver|CD471620.1  
GI:31392888|LeukoS6\_4\_B09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_B09\_A028 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ0683 GenBank Acc|CD471615|Ver|CD471615.1  
GI:31392883|LeukoS6\_4\_D12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D12\_A028 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ0684 GenBank Acc|CD471603|Ver|CD471603.1  
GI:31392871|LeukoS6\_4\_H05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ0685 GenBank Acc|CD471600|Ver|CD471600.1  
GI:31392868|LeukoS6\_4\_D04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D04\_A028 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ0686 GenBank Acc|CD471598|Ver|CD471598.1  
GI:31392866|LeukoS6\_4\_F08.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F08\_A028 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ0687 GenBank Acc|CD471597|Ver|CD471597.1  
GI:31392865|LeukoS6\_4\_A05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A05\_A028 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ0688 GenBank Acc|CD471596|Ver|CD471596.1  
GI:31392864|LeukoS6\_4\_C09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C09\_A028 3',  
mRNA sequence.:Start:1:Stop:483

GBEQ0689 GenBank Acc|CD471594|Ver|CD471594.1  
GI:31392862|LeukoS6\_4\_G02.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G02\_A028 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ0690 GenBank Acc|CD471593|Ver|CD471593.1  
GI:31392861|LeukoS6\_4\_H04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ0691 GenBank Acc|CD471587|Ver|CD471587.1  
GI:31392855|LeukoS6\_4\_G09.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G09\_A028 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ0692 GenBank Acc|CD471581|Ver|CD471581.1  
GI:31392849|LeukoS6\_4\_G01.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G01\_A028 3',  
mRNA sequence.:Start:1:Stop:506

GBEQ0693 GenBank Acc|CD471514|Ver|CD471514.1  
GI:31392782|LeukoS5\_6\_H02.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H02\_A027 3',  
mRNA sequence.:Start:1:Stop:469

GBEQ0694 GenBank Acc|CD471512|Ver|CD471512.1  
GI:31392780|LeukoS5\_6\_C03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_C03\_A027 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ0695 GenBank Acc|CD471506|Ver|CD471506.1  
GI:31392774|LeukoS5\_6\_E03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E03\_A027 3',  
mRNA sequence.:Start:1:Stop:196

GBEQ0696 GenBank Acc|CD471505|Ver|CD471505.1  
GI:31392773|LeukoS5\_6\_F05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F05\_A027 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0697 GenBank Acc|CD471498|Ver|CD471498.1  
GI:31392766|LeukoS5\_6\_H05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H05\_A027 3',  
mRNA sequence.:Start:1:Stop:513

GBEQ0698 GenBank Acc|CD471494|Ver|CD471494.1  
GI:31392762|LeukoS5\_6\_H01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:576

GBEQ0699 GenBank Acc|CD471487|Ver|CD471487.1  
GI:31392755|LeukoS5\_6\_A12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A12\_A027 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ0700 GenBank Acc|CD471485|Ver|CD471485.1  
GI:31392753|LeukoS5\_6\_G06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_G06\_A027 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ0701 GenBank Acc|CD471478|Ver|CD471478.1  
GI:31392746|LeukoS5\_6\_D07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_D07\_A027 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ0702 GenBank Acc|CD471477|Ver|CD471477.1  
GI:31392745|LeukoS5\_6\_E09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E09\_A027 3',  
mRNA sequence.:Start:1:Stop:480

GBEQ0703 GenBank Acc|CD471474|Ver|CD471474.1  
GI:31392742|LeukoS5\_6\_F07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:513

GBEQ0704 GenBank Acc|CD471464|Ver|CD471464.1  
GI:31392732|LeukoS5\_6\_H10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H10\_A027 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ0705 GenBank Acc|CD471461|Ver|CD471461.1  
GI:31392729|LeukoS5\_6\_B02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_B02\_A027 3',  
mRNA sequence.:Start:1:Stop:462

GBEQ0706 GenBank Acc|CD471456|Ver|CD471456.1  
GI:31392724|LeukoS5\_6\_E04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E04\_A027 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ0707 GenBank Acc|CD471454|Ver|CD471454.1  
GI:31392722|LeukoS5\_6\_A07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A07\_A027 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ0708 GenBank Acc|CD471449|Ver|CD471449.1  
GI:31392717|LeukoS5\_6\_A03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A03\_A027 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ0709 GenBank Acc|CD471375|Ver|CD471375.1  
GI:31392643|LeukoS5\_5\_B11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B11\_A027 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ0710 GenBank Acc|CD471360|Ver|CD471360.1  
GI:31392628|LeukoS5\_5\_A05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A05\_A027 3',  
mRNA sequence.:Start:1:Stop:518

GBEQ0711 GenBank Acc|CD471359|Ver|CD471359.1  
GI:31392627|LeukoS5\_5\_B07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B07\_A027 3',  
mRNA sequence.:Start:1:Stop:533

GBEQ0712 GenBank Acc|CD471357|Ver|CD471357.1  
GI:31392625|LeukoS5\_5\_H11.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_H11\_A027 3',  
mRNA sequence.:Start:1:Stop:486

GBEQ0713 GenBank Acc|CD471351|Ver|CD471351.1  
GI:31392619|LeukoS5\_5\_D07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D07\_A027 3',  
mRNA sequence.:Start:1:Stop:501

GBEQ0714 GenBank Acc|CD471350|Ver|CD471350.1  
GI:31392618|LeukoS5\_5\_D10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D10\_A027 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ0715 GenBank Acc|CD471347|Ver|CD471347.1  
GI:31392615|LeukoS5\_5\_A08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A08\_A027 3',  
mRNA sequence.:Start:1:Stop:539

GBEQ0716 GenBank Acc|CD471341|Ver|CD471341.1  
GI:31392609|LeukoS5\_5\_C08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_C08\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0717 GenBank Acc|CD471335|Ver|CD471335.1  
GI:31392603|LeukoS5\_5\_C04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_C04\_A027 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ0718 GenBank Acc|CD471332|Ver|CD471332.1  
GI:31392600|LeukoS5\_5\_F06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_F06\_A027 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ0719 GenBank Acc|CD471328|Ver|CD471328.1  
GI:31392596|LeukoS5\_5\_A10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A10\_A027 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ0720 GenBank Acc|CD471326|Ver|CD471326.1  
GI:31392594|LeukoS5\_5\_G04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0721 GenBank Acc|CD471317|Ver|CD471317.1  
GI:31392585|LeukoS5\_5\_D05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D05\_A027 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ0722 GenBank Acc|CD471235|Ver|CD471235.1  
GI:31392503|LeukoS5\_1\_E08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ0723 GenBank Acc|CD471232|Ver|CD471232.1  
GI:31392500|LeukoS5\_1\_H06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H06\_A027 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ0724 GenBank Acc|CD471224|Ver|CD471224.1  
GI:31392492|LeukoS5\_1\_B08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B08\_A027 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ0725 GenBank Acc|CD471211|Ver|CD471211.1  
GI:31392479|LeukoS5\_1\_H04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H04\_A027 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0726 GenBank Acc|CD471208|Ver|CD471208.1  
GI:31392476|LeukoS5\_1\_C01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:449

GBEQ0727 GenBank Acc|CD471207|Ver|CD471207.1  
GI:31392475|LeukoS5\_1\_D03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_D03\_A027 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ0728 GenBank Acc|CD471200|Ver|CD471200.1  
GI:31392468|LeukoS5\_1\_C08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C08\_A027 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ0729 GenBank Acc|CD471199|Ver|CD471199.1  
GI:31392467|LeukoS5\_1\_H10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H10\_A027 3',  
mRNA sequence.:Start:1:Stop:506

GBEQ0730 GenBank Acc|CD471196|Ver|CD471196.1  
GI:31392464|LeukoS5\_1\_E11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0731 GenBank Acc|CD471184|Ver|CD471184.1  
GI:31392452|LeukoS5\_1\_E03.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E03\_A027 3',  
mRNA sequence.:Start:1:Stop:648

GBEQ0732 GenBank Acc|CD471174|Ver|CD471174.1  
GI:31392442|LeukoS5\_1\_F04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:656

GBEQ0733 GenBank Acc|CD471171|Ver|CD471171.1  
GI:31392439|LeukoS5\_1\_B10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B10\_A027 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ0734 GenBank Acc|CD471081|Ver|CD471081.1  
GI:31392349|LeukoS5\_4\_A12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_A12\_A027 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ0735 GenBank Acc|CD471078|Ver|CD471078.1  
GI:31392346|LeukoS5\_4\_C09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_C09\_A027 3',  
mRNA sequence.:Start:1:Stop:596

GBEQ0736 GenBank Acc|CD471071|Ver|CD471071.1  
GI:31392339|LeukoS5\_4\_F07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ0737 GenBank Acc|CD471066|Ver|CD471066.1  
GI:31392334|LeukoS5\_4\_E11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:549

GBEQ0738 GenBank Acc|CD471065|Ver|CD471065.1  
GI:31392333|LeukoS5\_4\_D02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D02\_A027 3',  
mRNA sequence.:Start:1:Stop:354

GBEQ0739 GenBank Acc|CD471059|Ver|CD471059.1  
GI:31392327|LeukoS5\_4\_D09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D09\_A027 3',  
mRNA sequence.:Start:1:Stop:459

GBEQ0740 GenBank Acc|CD471055|Ver|CD471055.1  
GI:31392323|LeukoS5\_4\_E03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E03\_A027 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ0741 GenBank Acc|CD471051|Ver|CD471051.1  
GI:31392319|LeukoS5\_4\_B11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_B11\_A027 3',  
mRNA sequence.:Start:1:Stop:539

GBEQ0742 GenBank Acc|CD471047|Ver|CD471047.1  
GI:31392315|LeukoS5\_4\_D08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D08\_A027 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ0743 GenBank Acc|CD471046|Ver|CD471046.1  
GI:31392314|LeukoS5\_4\_H01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ0744 GenBank Acc|CD471044|Ver|CD471044.1  
GI:31392312|LeukoS5\_4\_G06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_G06\_A027 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0745 GenBank Acc|CD471028|Ver|CD471028.1  
GI:31392296|LeukoS5\_4\_E08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ0746 GenBank Acc|CD471027|Ver|CD471027.1  
GI:31392295|LeukoS5\_4\_A07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_A07\_A027 3',  
mRNA sequence.:Start:1:Stop:453

GBEQ0747 GenBank Acc|CD471017|Ver|CD471017.1  
GI:31392285|LeukoS5\_4\_E07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E07\_A027 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0748 GenBank Acc|CD470927|Ver|CD470927.1  
GI:31392195|LeukoS5\_3\_E09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E09\_A027 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ0749 GenBank Acc|CD470915|Ver|CD470915.1  
GI:31392183|LeukoS5\_3\_G04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ0750 GenBank Acc|CD470904|Ver|CD470904.1  
GI:31392172|LeukoS5\_3\_F01.b1\_A027 Stimulated peripheral blood



leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F01\_A027 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ0751 GenBank Acc|CD470903|Ver|CD470903.1  
GI:31392171|LeukoS5\_3\_D11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D11\_A027 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ0752 GenBank Acc|CD470900|Ver|CD470900.1  
GI:31392168|LeukoS5\_3\_E06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E06\_A027 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ0753 GenBank Acc|CD470896|Ver|CD470896.1  
GI:31392164|LeukoS5\_3\_H11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_H11\_A027 3',  
mRNA sequence.:Start:1:Stop:503

GBEQ0754 GenBank Acc|CD470895|Ver|CD470895.1  
GI:31392163|LeukoS5\_3\_G02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_G02\_A027 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ0755 GenBank Acc|CD470894|Ver|CD470894.1  
GI:31392162|LeukoS5\_3\_D10.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D10\_A027 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ0756 GenBank Acc|CD470892|Ver|CD470892.1  
GI:31392160|LeukoS5\_3\_C01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:405

GBEQ0757 GenBank Acc|CD470891|Ver|CD470891.1  
GI:31392159|LeukoS5\_3\_D03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D03\_A027 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ0758 GenBank Acc|CD470878|Ver|CD470878.1  
GI:31392146|LeukoS5\_3\_F12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F12\_A027 3',  
mRNA sequence.:Start:1:Stop:454

GBEQ0759 GenBank Acc|CD470877|Ver|CD470877.1  
GI:31392145|LeukoS5\_3\_D01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D01\_A027 3',  
mRNA sequence.:Start:1:Stop:599

GBEQ0760 GenBank Acc|CD470875|Ver|CD470875.1  
GI:31392143|LeukoS5\_3\_F05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F05\_A027 3',  
mRNA sequence.:Start:1:Stop:521

GBEQ0761 GenBank Acc|CD470870|Ver|CD470870.1  
GI:31392138|LeukoS5\_3\_D08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D08\_A027 3',  
mRNA sequence.:Start:1:Stop:420

GBEQ0762 GenBank Acc|CD470869|Ver|CD470869.1  
GI:31392137|LeukoS5\_3\_H01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ0763 GenBank Acc|CD470786|Ver|CD470786.1  
GI:31392054|LeukoS5\_2\_E12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E12\_A027 3',  
mRNA sequence.:Start:1:Stop:473

GBEQ0764 GenBank Acc|CD470783|Ver|CD470783.1  
GI:31392051|LeukoS5\_2\_E05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:606

GBEQ0765 GenBank Acc|CD470780|Ver|CD470780.1  
GI:31392048|LeukoS5\_2\_B06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_B06\_A027 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ0766 GenBank Acc|CD470761|Ver|CD470761.1  
GI:31392029|LeukoS5\_2\_E02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E02\_A027 3',  
mRNA sequence.:Start:1:Stop:458

GBEQ0767 GenBank Acc|CD470760|Ver|CD470760.1  
GI:31392028|LeukoS5\_2\_H08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_H08\_A027 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ0768 GenBank Acc|CD470754|Ver|CD470754.1  
GI:31392022|LeukoS5\_2\_D07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_D07\_A027 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ0769 GenBank Acc|CD470749|Ver|CD470749.1  
GI:31392017|LeukoS5\_2\_C11.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_C11\_A027 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ0770 GenBank Acc|CD470742|Ver|CD470742.1  
GI:31392010|LeukoS5\_2\_G04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ0771 GenBank Acc|CD470733|Ver|CD470733.1  
GI:31392001|LeukoS5\_2\_F01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_F01\_A027 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ0772 GenBank Acc|CD470732|Ver|CD470732.1  
GI:31392000|LeukoS5\_2\_C02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_C02\_A027 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ0773 GenBank Acc|CD470639|Ver|CD470639.1  
GI:31391907|LeukoS4\_6\_D10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_D10\_A026 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ0774 GenBank Acc|CD470637|Ver|CD470637.1  
GI:31391905|LeukoS4\_6\_E12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_E12\_A026 3',  
mRNA sequence.:Start:1:Stop:163

GBEQ0775 GenBank Acc|CD470633|Ver|CD470633.1  
GI:31391901|LeukoS4\_6\_A08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_A08\_A026 3',  
mRNA sequence.:Start:1:Stop:401

GBEQ0776 GenBank Acc|CD470622|Ver|CD470622.1  
GI:31391890|LeukoS4\_6\_G10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_G10\_A026 3',  
mRNA sequence.:Start:1:Stop:612

GBEQ0777 GenBank Acc|CD470618|Ver|CD470618.1  
GI:31391886|LeukoS4\_6\_C08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_C08\_A026 3',  
mRNA sequence.:Start:1:Stop:514

GBEQ0778 GenBank Acc|CD470521|Ver|CD470521.1  
GI:31391789|LeukoS4\_5\_H02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H02\_A026 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ0779 GenBank Acc|CD470514|Ver|CD470514.1  
GI:31391782|LeukoS4\_5\_D03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_D03\_A026 3',  
mRNA sequence.:Start:1:Stop:511

GBEQ0780 GenBank Acc|CD470512|Ver|CD470512.1  
GI:31391780|LeukoS4\_5\_E10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E10\_A026 3',  
mRNA sequence.:Start:1:Stop:530

GBEQ0781 GenBank Acc|CD470508|Ver|CD470508.1  
GI:31391776|LeukoS4\_5\_E03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:298

GBEQ0782 GenBank Acc|CD470506|Ver|CD470506.1  
GI:31391774|LeukoS4\_5\_G12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_G12\_A026 3',  
mRNA sequence.:Start:1:Stop:280

GBEQ0783 GenBank Acc|CD470495|Ver|CD470495.1  
GI:31391763|LeukoS4\_5\_H05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H05\_A026 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ0784 GenBank Acc|CD470493|Ver|CD470493.1  
GI:31391761|LeukoS4\_5\_B04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_B04\_A026 3',  
mRNA sequence.:Start:1:Stop:470

GBEQ0785 GenBank Acc|CD470492|Ver|CD470492.1  
GI:31391760|LeukoS4\_5\_C06.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_C06\_A026 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ0786 GenBank Acc|CD470483|Ver|CD470483.1  
GI:31391751|LeukoS4\_5\_E08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E08\_A026 3',  
mRNA sequence.:Start:1:Stop:513

GBEQ0787 GenBank Acc|CD470469|Ver|CD470469.1  
GI:31391737|LeukoS4\_5\_F02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_F02\_A026 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ0788 GenBank Acc|CD470460|Ver|CD470460.1  
GI:31391728|LeukoS4\_5\_B03.b1\_A026 Stimulated peripheral blood

leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_B03\_A026 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ0789 GenBank Acc|CD470396|Ver|CD470396.1  
GI:31391664|LeukoS4\_4\_A08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A08\_A026 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ0790 GenBank Acc|CD470395|Ver|CD470395.1  
GI:31391663|LeukoS4\_4\_F10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F10\_A026 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ0791 GenBank Acc|CD470393|Ver|CD470393.1  
GI:31391661|LeukoS4\_4\_F03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F03\_A026 3',  
mRNA sequence.:Start:1:Stop:518

GBEQ0792 GenBank Acc|CD470390|Ver|CD470390.1  
GI:31391658|LeukoS4\_4\_C08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C08\_A026 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ0793 GenBank Acc|CD470388|Ver|CD470388.1  
GI:31391656|LeukoS4\_4\_G01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_G01\_A026 3',  
mRNA sequence.:Start:1:Stop:230

GBEQ0794 GenBank Acc|CD470379|Ver|CD470379.1  
GI:31391647|LeukoS4\_4\_E04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E04\_A026 3',  
mRNA sequence.:Start:1:Stop:616

GBEQ0795 GenBank Acc|CD470374|Ver|CD470374.1  
GI:31391642|LeukoS4\_4\_A10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A10\_A026 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ0796 GenBank Acc|CD470369|Ver|CD470369.1  
GI:31391637|LeukoS4\_4\_A03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A03\_A026 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ0797 GenBank Acc|CD470364|Ver|CD470364.1  
GI:31391632|LeukoS4\_4\_C03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C03\_A026 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ0798 GenBank Acc|CD470360|Ver|CD470360.1  
GI:31391628|LeukoS4\_4\_E10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E10\_A026 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ0799 GenBank Acc|CD470359|Ver|CD470359.1  
GI:31391627|LeukoS4\_4\_F12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F12\_A026 3',  
mRNA sequence.:Start:1:Stop:472

GBEQ0800 GenBank Acc|CD470357|Ver|CD470357.1  
GI:31391625|LeukoS4\_4\_E03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:612

GBEQ0801 GenBank Acc|CD470355|Ver|CD470355.1  
GI:31391623|LeukoS4\_4\_H09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H09\_A026 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ0802 GenBank Acc|CD470350|Ver|CD470350.1  
GI:31391618|LeukoS4\_4\_H05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H05\_A026 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ0803 GenBank Acc|CD470346|Ver|CD470346.1  
GI:31391614|LeukoS4\_4\_D04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_D04\_A026 3',  
mRNA sequence.:Start:1:Stop:494

GBEQ0804 GenBank Acc|CD470339|Ver|CD470339.1  
GI:31391607|LeukoS4\_4\_G06.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_G06\_A026 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0805 GenBank Acc|CD470336|Ver|CD470336.1  
GI:31391604|LeukoS4\_4\_B07.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_B07\_A026 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ0806 GenBank Acc|CD470334|Ver|CD470334.1  
GI:31391602|LeukoS4\_4\_B10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_B10\_A026 3',  
mRNA sequence.:Start:1:Stop:454

GBEQ0807 GenBank Acc|CD470328|Ver|CD470328.1  
GI:31391596|LeukoS4\_4\_E09.b1\_A026 Stimulated peripheral blood

leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E09\_A026 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ0808 GenBank Acc|CD470326|Ver|CD470326.1  
GI:31391594|LeukoS4\_4\_C01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C01\_A026 3',  
mRNA sequence.:Start:1:Stop:313

GBEQ0809 GenBank Acc|CD470241|Ver|CD470241.1  
GI:31391509|LeukoS4\_3\_E11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_E11\_A026 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ0810 GenBank Acc|CD470231|Ver|CD470231.1  
GI:31391499|LeukoS4\_3\_B05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_B05\_A026 3',  
mRNA sequence.:Start:1:Stop:307

GBEQ0811 GenBank Acc|CD470201|Ver|CD470201.1  
GI:31391469|LeukoS4\_3\_A12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_A12\_A026 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ0812 GenBank Acc|CD470198|Ver|CD470198.1  
GI:31391466|LeukoS4\_3\_H08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H08\_A026 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ0813 GenBank Acc|CD470191|Ver|CD470191.1  
GI:31391459|LeukoS4\_3\_C12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_C12\_A026 3',  
mRNA sequence.:Start:1:Stop:493

GBEQ0814 GenBank Acc|CD470190|Ver|CD470190.1  
GI:31391458|LeukoS4\_3\_H04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H04\_A026 3',  
mRNA sequence.:Start:1:Stop:329

GBEQ0815 GenBank Acc|CD470189|Ver|CD470189.1  
GI:31391457|LeukoS4\_3\_A01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_A01\_A026 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0816 GenBank Acc|CD470185|Ver|CD470185.1  
GI:31391453|LeukoS4\_3\_D10.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_D10\_A026 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ0817 GenBank Acc|CD470175|Ver|CD470175.1  
GI:31391443|LeukoS4\_3\_F03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_F03\_A026 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ0818 GenBank Acc|CD470087|Ver|CD470087.1  
GI:31391355|LeukoS4\_1\_A03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A03\_A026 3',  
mRNA sequence.:Start:1:Stop:452

GBEQ0819 GenBank Acc|CD470075|Ver|CD470075.1  
GI:31391343|LeukoS4\_1\_F12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F12\_A026 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ0820 GenBank Acc|CD470073|Ver|CD470073.1  
GI:31391341|LeukoS4\_1\_E03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:455

GBEQ0821 GenBank Acc|CD470065|Ver|CD470065.1  
GI:31391333|LeukoS4\_1\_B11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_B11\_A026 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ0822 GenBank Acc|CD470047|Ver|CD470047.1  
GI:31391315|LeukoS4\_1\_A05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A05\_A026 3',  
mRNA sequence.:Start:1:Stop:570

GBEQ0823 GenBank Acc|CD470034|Ver|CD470034.1  
GI:31391302|LeukoS4\_1\_E12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E12\_A026 3',  
mRNA sequence.:Start:1:Stop:221

GBEQ0824 GenBank Acc|CD470030|Ver|CD470030.1  
GI:31391298|LeukoS4\_1\_F07.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F07\_A026 3',  
mRNA sequence.:Start:1:Stop:646

GBEQ0825 GenBank Acc|CD470023|Ver|CD470023.1  
GI:31391291|LeukoS4\_1\_A04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A04\_A026 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ0826 GenBank Acc|CD470021|Ver|CD470021.1  
GI:31391289|LeukoS4\_1\_H10.b1\_A026 Stimulated peripheral blood



leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_H10\_A026 3',  
mRNA sequence.:Start:1:Stop:505

GBEQ0827 GenBank Acc|CD469940|Ver|CD469940.1  
GI:31391208|LeukoS4\_2\_E11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E11\_A026 3',  
mRNA sequence.:Start:1:Stop:488

GBEQ0828 GenBank Acc|CD469935|Ver|CD469935.1  
GI:31391203|LeukoS4\_2\_A07.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A07\_A026 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ0829 GenBank Acc|CD469934|Ver|CD469934.1  
GI:31391202|LeukoS4\_2\_B09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B09\_A026 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ0830 GenBank Acc|CD469915|Ver|CD469915.1  
GI:31391183|LeukoS4\_2\_H09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H09\_A026 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ0831 GenBank Acc|CD469899|Ver|CD469899.1  
GI:31391167|LeukoS4\_2\_E02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E02\_A026 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ0832 GenBank Acc|CD469891|Ver|CD469891.1  
GI:31391159|LeukoS4\_2\_H11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H11\_A026 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ0833 GenBank Acc|CD469883|Ver|CD469883.1  
GI:31391151|LeukoS4\_2\_E09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E09\_A026 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ0834 GenBank Acc|CD469882|Ver|CD469882.1  
GI:31391150|LeukoS4\_2\_E12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E12\_A026 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ0835 GenBank Acc|CD469878|Ver|CD469878.1  
GI:31391146|LeukoS4\_2\_A08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A08\_A026 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ0836 GenBank Acc|CD469874|Ver|CD469874.1  
GI:31391142|LeukoS4\_2\_A11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A11\_A026 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ0837 GenBank Acc|CD469867|Ver|CD469867.1  
GI:31391135|LeukoS4\_2\_C11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_C11\_A026 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ0838 GenBank Acc|CD469866|Ver|CD469866.1  
GI:31391134|LeukoS4\_2\_H03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H03\_A026 3',  
mRNA sequence.:Start:1:Stop:618

GBEQ0839 GenBank Acc|CD469865|Ver|CD469865.1  
GI:31391133|LeukoS4\_2\_C04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_C04\_A026 3',  
mRNA sequence.:Start:1:Stop:526

GBEQ0840 GenBank Acc|CD469805|Ver|CD469805.1  
GI:31391073|LeukoS2\_5\_F08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F08\_A024 3',  
mRNA sequence.:Start:1:Stop:692

GBEQ0841 GenBank Acc|CD469803|Ver|CD469803.1  
GI:31391071|LeukoS2\_5\_A12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A12\_A024 3',  
mRNA sequence.:Start:1:Stop:691

GBEQ0842 GenBank Acc|CD469797|Ver|CD469797.1  
GI:31391065|LeukoS2\_5\_B03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_B03\_A024 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ0843 GenBank Acc|CD469796|Ver|CD469796.1  
GI:31391064|LeukoS2\_5\_C05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_C05\_A024 3',  
mRNA sequence.:Start:1:Stop:485

GBEQ0844 GenBank Acc|CD469795|Ver|CD469795.1  
GI:31391063|LeukoS2\_5\_D07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D07\_A024 3',  
mRNA sequence.:Start:1:Stop:752

GBEQ0845 GenBank Acc|CD469792|Ver|CD469792.1  
GI:31391060|LeukoS2\_5\_F07.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F07\_A024 3',  
mRNA sequence.:Start:1:Stop:515

GBEQ0846 GenBank Acc|CD469791|Ver|CD469791.1  
GI:31391059|LeukoS2\_5\_A08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A08\_A024 3',  
mRNA sequence.:Start:1:Stop:743

GBEQ0847 GenBank Acc|CD469789|Ver|CD469789.1  
GI:31391057|LeukoS2\_5\_G05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_G05\_A024 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ0848 GenBank Acc|CD469785|Ver|CD469785.1  
GI:31391053|LeukoS2\_5\_D06.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D06\_A024 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ0849 GenBank Acc|CD469781|Ver|CD469781.1  
GI:31391049|LeukoS2\_5\_B09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_B09\_A024 3',  
mRNA sequence.:Start:1:Stop:338

GBEQ0850 GenBank Acc|CD469780|Ver|CD469780.1  
GI:31391048|LeukoS2\_5\_A10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A10\_A024 3',  
mRNA sequence.:Start:1:Stop:730

GBEQ0851 GenBank Acc|CD469779|Ver|CD469779.1  
GI:31391047|LeukoS2\_5\_F02.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F02\_A024 3',  
mRNA sequence.:Start:1:Stop:438

GBEQ0852 GenBank Acc|CD469775|Ver|CD469775.1  
GI:31391043|LeukoS2\_5\_D09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D09\_A024 3',  
mRNA sequence.:Start:1:Stop:703

GBEQ0853 GenBank Acc|CD469771|Ver|CD469771.1  
GI:31391039|LeukoS2\_5\_F09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F09\_A024 3',  
mRNA sequence.:Start:1:Stop:738

GBEQ0854 GenBank Acc|CD469770|Ver|CD469770.1  
GI:31391038|LeukoS2\_5\_E03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_E03\_A024 3',  
mRNA sequence.:Start:1:Stop:350

GBEQ0855 GenBank Acc|CD469766|Ver|CD469766.1  
GI:31391034|LeukoS2\_5\_G10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:784

GBEQ0856 GenBank Acc|CD469699|Ver|CD469699.1  
GI:31390967|LeukoS2\_8\_E07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E07\_A024 3',  
mRNA sequence.:Start:1:Stop:755

GBEQ0857 GenBank Acc|CD469696|Ver|CD469696.1  
GI:31390964|LeukoS2\_8\_G07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G07\_A024 3',  
mRNA sequence.:Start:1:Stop:775

GBEQ0858 GenBank Acc|CD469694|Ver|CD469694.1  
GI:31390962|LeukoS2\_8\_A06.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_A06\_A024 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ0859 GenBank Acc|CD469692|Ver|CD469692.1  
GI:31390960|LeukoS2\_8\_G10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:687

GBEQ0860 GenBank Acc|CD469691|Ver|CD469691.1  
GI:31390959|LeukoS2\_8\_F01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_F01\_A024 3',  
mRNA sequence.:Start:1:Stop:408

GBEQ0861 GenBank Acc|CD469685|Ver|CD469685.1  
GI:31390953|LeukoS2\_8\_H08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_H08\_A024 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0862 GenBank Acc|CD469681|Ver|CD469681.1  
GI:31390949|LeukoS2\_8\_C12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C12\_A024 3',  
mRNA sequence.:Start:1:Stop:766

GBEQ0863 GenBank Acc|CD469676|Ver|CD469676.1  
GI:31390944|LeukoS2\_8\_F07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_F07\_A024 3',  
mRNA sequence.:Start:1:Stop:765

GBEQ0864 GenBank Acc|CD469674|Ver|CD469674.1  
GI:31390942|LeukoS2\_8\_G05.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G05\_A024 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ0865 GenBank Acc|CD469672|Ver|CD469672.1  
GI:31390940|LeukoS2\_8\_C11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:429

GBEQ0866 GenBank Acc|CD469610|Ver|CD469610.1  
GI:31390878|LeukoS2\_7\_E01.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_E01\_A024 3',  
mRNA sequence.:Start:1:Stop:196

GBEQ0867 GenBank Acc|CD469607|Ver|CD469607.1  
GI:31390875|LeukoS2\_7\_B08.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:447

GBEQ0868 GenBank Acc|CD469605|Ver|CD469605.1  
GI:31390873|LeukoS2\_7\_H07.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H07\_A024 3',  
mRNA sequence.:Start:1:Stop:126

GBEQ0869 GenBank Acc|CD469600|Ver|CD469600.1  
GI:31390868|LeukoS2\_7\_H06.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H06\_A024 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ0870 GenBank Acc|CD469599|Ver|CD469599.1  
GI:31390867|LeukoS2\_7\_B06.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_B06\_A024 3',  
mRNA sequence.:Start:1:Stop:558

GBEQ0871 GenBank Acc|CD469589|Ver|CD469589.1  
GI:31390857|LeukoS2\_7\_C03.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_C03\_A024 3',  
mRNA sequence.:Start:1:Stop:493

GBEQ0872 GenBank Acc|CD469585|Ver|CD469585.1  
GI:31390853|LeukoS2\_7\_C02.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_C02\_A024 3',  
mRNA sequence.:Start:1:Stop:425

GBEQ0873 GenBank Acc|CD469497|Ver|CD469497.1  
GI:31390765|LeukoS2\_4\_D04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D04\_A024 3',  
mRNA sequence.:Start:1:Stop:394

GBEQ0874 GenBank Acc|CD469494|Ver|CD469494.1  
GI:31390762|LeukoS2\_4\_A12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_A12\_A024 3',  
mRNA sequence.:Start:1:Stop:534

GBEQ0875 GenBank Acc|CD469487|Ver|CD469487.1  
GI:31390755|LeukoS2\_4\_D05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D05\_A024 3',  
mRNA sequence.:Start:1:Stop:379

GBEQ0876 GenBank Acc|CD469485|Ver|CD469485.1  
GI:31390753|LeukoS2\_4\_F09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F09\_A024 3',  
mRNA sequence.:Start:1:Stop:457

GBEQ0877 GenBank Acc|CD469484|Ver|CD469484.1  
GI:31390752|LeukoS2\_4\_F12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F12\_A024 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ0878 GenBank Acc|CD469483|Ver|CD469483.1  
GI:31390751|LeukoS2\_4\_D01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D01\_A024 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ0879 GenBank Acc|CD469481|Ver|CD469481.1  
GI:31390749|LeukoS2\_4\_B07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:271

GBEQ0880 GenBank Acc|CD469480|Ver|CD469480.1  
GI:31390748|LeukoS2\_4\_C09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ0881 GenBank Acc|CD469475|Ver|CD469475.1  
GI:31390743|LeukoS2\_4\_D08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D08\_A024 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ0882 GenBank Acc|CD469474|Ver|CD469474.1  
GI:31390742|LeukoS2\_4\_H04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H04\_A024 3',  
mRNA sequence.:Start:1:Stop:438

GBEQ0883 GenBank Acc|CD469464|Ver|CD469464.1  
GI:31390732|LeukoS2\_4\_B10.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B10\_A024 3',  
mRNA sequence.:Start:1:Stop:329

GBEQ0884 GenBank Acc|CD469463|Ver|CD469463.1  
GI:31390731|LeukoS2\_4\_C12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C12\_A024 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ0885 GenBank Acc|CD469462|Ver|CD469462.1  
GI:31390730|LeukoS2\_4\_E11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_E11\_A024 3',  
mRNA sequence.:Start:1:Stop:530

GBEQ0886 GenBank Acc|CD469460|Ver|CD469460.1  
GI:31390728|LeukoS2\_4\_B05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B05\_A024 3',  
mRNA sequence.:Start:1:Stop:418

GBEQ0887 GenBank Acc|CD469454|Ver|CD469454.1  
GI:31390722|LeukoS2\_4\_H10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H10\_A024 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ0888 GenBank Acc|CD469444|Ver|CD469444.1  
GI:31390712|LeukoS2\_4\_F11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F11\_A024 3',  
mRNA sequence.:Start:1:Stop:532

GBEQ0889 GenBank Acc|CD469353|Ver|CD469353.1  
GI:31390621|LeukoS2\_3\_D09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D09\_A024 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ0890 GenBank Acc|CD469352|Ver|CD469352.1  
GI:31390620|LeukoS2\_3\_B12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ0891 GenBank Acc|CD469341|Ver|CD469341.1  
GI:31390609|LeukoS2\_3\_D08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D08\_A024 3',  
mRNA sequence.:Start:1:Stop:698

GBEQ0892 GenBank Acc|CD469340|Ver|CD469340.1  
GI:31390608|LeukoS2\_3\_B11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B11\_A024 3',  
mRNA sequence.:Start:1:Stop:754

GBEQ0893 GenBank Acc|CD469338|Ver|CD469338.1  
GI:31390606|LeukoS2\_3\_H09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_H09\_A024 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ0894 GenBank Acc|CD469333|Ver|CD469333.1  
GI:31390601|LeukoS2\_3\_B09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B09\_A024 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ0895 GenBank Acc|CD469327|Ver|CD469327.1  
GI:31390595|LeukoS2\_3\_D10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D10\_A024 3',  
mRNA sequence.:Start:1:Stop:701

GBEQ0896 GenBank Acc|CD469324|Ver|CD469324.1  
GI:31390592|LeukoS2\_3\_A11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_A11\_A024 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0897 GenBank Acc|CD469312|Ver|CD469312.1  
GI:31390580|LeukoS2\_3\_G08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_G08\_A024 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ0898 GenBank Acc|CD469311|Ver|CD469311.1  
GI:31390579|LeukoS2\_3\_D03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D03\_A024 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0899 GenBank Acc|CD469308|Ver|CD469308.1  
GI:31390576|LeukoS2\_3\_C11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ0900 GenBank Acc|CD469300|Ver|CD469300.1  
GI:31390568|LeukoS2\_3\_C08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C08\_A024 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ0901 GenBank Acc|CD469298|Ver|CD469298.1  
GI:31390566|LeukoS2\_3\_E11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_E11\_A024 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ0902 GenBank Acc|CD469297|Ver|CD469297.1  
GI:31390565|LeukoS2\_3\_F10.b1\_A024 Stimulated peripheral blood



leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:784

GBEQ0903 GenBank Acc|CD469296|Ver|CD469296.1  
GI:31390564|LeukoS2\_3\_G12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_G12\_A024 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ0904 GenBank Acc|CD469290|Ver|CD469290.1  
GI:31390558|LeukoS2\_3\_B07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ0905 GenBank Acc|CD469289|Ver|CD469289.1  
GI:31390557|LeukoS2\_3\_C09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:435

GBEQ0906 GenBank Acc|CD469197|Ver|CD469197.1  
GI:31390465|LeukoS2\_2\_G10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0907 GenBank Acc|CD469194|Ver|CD469194.1  
GI:31390462|LeukoS2\_2\_H11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H11\_A024 3',  
mRNA sequence.:Start:1:Stop:696

GBEQ0908 GenBank Acc|CD469193|Ver|CD469193.1  
GI:31390461|LeukoS2\_2\_D05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D05\_A024 3',  
mRNA sequence.:Start:1:Stop:401

GBEQ0909 GenBank Acc|CD469192|Ver|CD469192.1  
GI:31390460|LeukoS2\_2\_E07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E07\_A024 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ0910 GenBank Acc|CD469190|Ver|CD469190.1  
GI:31390458|LeukoS2\_2\_G09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G09\_A024 3',  
mRNA sequence.:Start:1:Stop:412

GBEQ0911 GenBank Acc|CD469187|Ver|CD469187.1  
GI:31390455|LeukoS2\_2\_C10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_C10\_A024 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ0912 GenBank Acc|CD469186|Ver|CD469186.1  
GI:31390454|LeukoS2\_2\_D12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D12\_A024 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0913 GenBank Acc|CD469184|Ver|CD469184.1  
GI:31390452|LeukoS2\_2\_F01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F01\_A024 3',  
mRNA sequence.:Start:1:Stop:445

GBEQ0914 GenBank Acc|CD469180|Ver|CD469180.1  
GI:31390448|LeukoS2\_2\_F08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F08\_A024 3',  
mRNA sequence.:Start:1:Stop:482

GBEQ0915 GenBank Acc|CD469179|Ver|CD469179.1  
GI:31390447|LeukoS2\_2\_D11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D11\_A024 3',  
mRNA sequence.:Start:1:Stop:702

GBEQ0916 GenBank Acc|CD469176|Ver|CD469176.1  
GI:31390444|LeukoS2\_2\_E12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E12\_A024 3',  
mRNA sequence.:Start:1:Stop:692

GBEQ0917 GenBank Acc|CD469174|Ver|CD469174.1  
GI:31390442|LeukoS2\_2\_E05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E05\_A024 3',  
mRNA sequence.:Start:1:Stop:292

GBEQ0918 GenBank Acc|CD469168|Ver|CD469168.1  
GI:31390436|LeukoS2\_2\_B11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B11\_A024 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ0919 GenBank Acc|CD469165|Ver|CD469165.1  
GI:31390433|LeukoS2\_2\_G12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G12\_A024 3',  
mRNA sequence.:Start:1:Stop:744

GBEQ0920 GenBank Acc|CD469153|Ver|CD469153.1  
GI:31390421|LeukoS2\_2\_D01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D01\_A024 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ0921 GenBank Acc|CD469146|Ver|CD469146.1  
GI:31390414|LeukoS2\_2\_H09.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H09\_A024 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0922 GenBank Acc|CD469140|Ver|CD469140.1  
GI:31390408|LeukoS2\_2\_B12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:718

GBEQ0923 GenBank Acc|CD469139|Ver|CD469139.1  
GI:31390407|LeukoS2\_2\_E10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E10\_A024 3',  
mRNA sequence.:Start:1:Stop:424

GBEQ0924 GenBank Acc|CD469137|Ver|CD469137.1  
GI:31390405|LeukoS2\_2\_A07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_A07\_A024 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ0925 GenBank Acc|CD469136|Ver|CD469136.1  
GI:31390404|LeukoS2\_2\_B03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B03\_A024 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ0926 GenBank Acc|CD469044|Ver|CD469044.1  
GI:31390312|LeukoS2\_1\_F10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:763

GBEQ0927 GenBank Acc|CD469043|Ver|CD469043.1  
GI:31390311|LeukoS2\_1\_F12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F12\_A024 3',  
mRNA sequence.:Start:1:Stop:797

GBEQ0928 GenBank Acc|CD469039|Ver|CD469039.1  
GI:31390307|LeukoS2\_1\_G07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G07\_A024 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ0929 GenBank Acc|CD469038|Ver|CD469038.1  
GI:31390306|LeukoS2\_1\_H01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H01\_A024 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0930 GenBank Acc|CD469032|Ver|CD469032.1  
GI:31390300|LeukoS2\_1\_F04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F04\_A024 3',  
mRNA sequence.:Start:1:Stop:533

GBEQ0931 GenBank Acc|CD469026|Ver|CD469026.1  
GI:31390294|LeukoS2\_1\_G05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G05\_A024 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ0932 GenBank Acc|CD469023|Ver|CD469023.1  
GI:31390291|LeukoS2\_1\_B07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ0933 GenBank Acc|CD469022|Ver|CD469022.1  
GI:31390290|LeukoS2\_1\_C11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:723

GBEQ0934 GenBank Acc|CD469020|Ver|CD469020.1  
GI:31390288|LeukoS2\_1\_E12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_E12\_A024 3',  
mRNA sequence.:Start:1:Stop:722

GBEQ0935 GenBank Acc|CD469014|Ver|CD469014.1  
GI:31390282|LeukoS2\_1\_E04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_E04\_A024 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ0936 GenBank Acc|CD469011|Ver|CD469011.1  
GI:31390279|LeukoS2\_1\_H05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H05\_A024 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ0937 GenBank Acc|CD469010|Ver|CD469010.1  
GI:31390278|LeukoS2\_1\_A04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_A04\_A024 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ0938 GenBank Acc|CD469006|Ver|CD469006.1  
GI:31390274|LeukoS2\_1\_D11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_D11\_A024 3',  
mRNA sequence.:Start:1:Stop:727

GBEQ0939 GenBank Acc|CD469005|Ver|CD469005.1  
GI:31390273|LeukoS2\_1\_C09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ0940 GenBank Acc|CD469004|Ver|CD469004.1  
GI:31390272|LeukoS2\_1\_H11.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H11\_A024 3',  
mRNA sequence.:Start:1:Stop:627

GBEQ0941 GenBank Acc|CD468998|Ver|CD468998.1  
GI:31390266|LeukoS2\_1\_B01.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B01\_A024 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ0942 GenBank Acc|CD468988|Ver|CD468988.1  
GI:31390256|LeukoS2\_1\_B09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B09\_A024 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ0943 GenBank Acc|CD468987|Ver|CD468987.1  
GI:31390255|LeukoS2\_1\_G11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G11\_A024 3',  
mRNA sequence.:Start:1:Stop:725

GBEQ0944 GenBank Acc|CD468916|Ver|CD468916.1  
GI:31390184|LeukoS3\_8\_G01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G01\_A025 3',  
mRNA sequence.:Start:1:Stop:505

GBEQ0945 GenBank Acc|CD468911|Ver|CD468911.1  
GI:31390179|LeukoS3\_8\_G08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G08\_A025 3',  
mRNA sequence.:Start:1:Stop:656

GBEQ0946 GenBank Acc|CD468905|Ver|CD468905.1  
GI:31390173|LeukoS3\_8\_D01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D01\_A025 3',  
mRNA sequence.:Start:1:Stop:480

GBEQ0947 GenBank Acc|CD468903|Ver|CD468903.1  
GI:31390171|LeukoS3\_8\_G07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G07\_A025 3',  
mRNA sequence.:Start:1:Stop:734

GBEQ0948 GenBank Acc|CD468897|Ver|CD468897.1  
GI:31390165|LeukoS3\_8\_H08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H08\_A025 3',  
mRNA sequence.:Start:1:Stop:640

GBEQ0949 GenBank Acc|CD468896|Ver|CD468896.1  
GI:31390164|LeukoS3\_8\_C12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_C12\_A025 3',  
mRNA sequence.:Start:1:Stop:640

GBEQ0950 GenBank Acc|CD468893|Ver|CD468893.1  
GI:31390161|LeukoS3\_8\_D07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D07\_A025 3',  
mRNA sequence.:Start:1:Stop:700

GBEQ0951 GenBank Acc|CD468892|Ver|CD468892.1  
GI:31390160|LeukoS3\_8\_E09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_E09\_A025 3',  
mRNA sequence.:Start:1:Stop:728

GBEQ0952 GenBank Acc|CD468885|Ver|CD468885.1  
GI:31390153|LeukoS3\_8\_B02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:656

GBEQ0953 GenBank Acc|CD468879|Ver|CD468879.1  
GI:31390147|LeukoS3\_8\_G04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G04\_A025 3',  
mRNA sequence.:Start:1:Stop:720

GBEQ0954 GenBank Acc|CD468877|Ver|CD468877.1  
GI:31390145|LeukoS3\_8\_D12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:768

GBEQ0955 GenBank Acc|CD468869|Ver|CD468869.1  
GI:31390137|LeukoS3\_8\_A12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_A12\_A025 3',  
mRNA sequence.:Start:1:Stop:739

GBEQ0956 GenBank Acc|CD468813|Ver|CD468813.1  
GI:31390081|LeukoS3\_7\_B09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ0957 GenBank Acc|CD468811|Ver|CD468811.1  
GI:31390079|LeukoS3\_7\_G04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G04\_A025 3',  
mRNA sequence.:Start:1:Stop:496

GBEQ0958 GenBank Acc|CD468805|Ver|CD468805.1  
GI:31390073|LeukoS3\_7\_G10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G10\_A025 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ0959 GenBank Acc|CD468802|Ver|CD468802.1  
GI:31390070|LeukoS3\_7\_D04.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_D04\_A025 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ0960 GenBank Acc|CD468801|Ver|CD468801.1  
GI:31390069|LeukoS3\_7\_A12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A12\_A025 3',  
mRNA sequence.:Start:1:Stop:713

GBEQ0961 GenBank Acc|CD468799|Ver|CD468799.1  
GI:31390067|LeukoS3\_7\_C09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_C09\_A025 3',  
mRNA sequence.:Start:1:Stop:710

GBEQ0962 GenBank Acc|CD468794|Ver|CD468794.1  
GI:31390062|LeukoS3\_7\_A04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A04\_A025 3',  
mRNA sequence.:Start:1:Stop:200

GBEQ0963 GenBank Acc|CD468789|Ver|CD468789.1  
GI:31390057|LeukoS3\_7\_E04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ0964 GenBank Acc|CD468787|Ver|CD468787.1  
GI:31390055|LeukoS3\_7\_A10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A10\_A025 3',  
mRNA sequence.:Start:1:Stop:776

GBEQ0965 GenBank Acc|CD468786|Ver|CD468786.1  
GI:31390054|LeukoS3\_7\_D09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_D09\_A025 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ0966 GenBank Acc|CD468779|Ver|CD468779.1  
GI:31390047|LeukoS3\_7\_G06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G06\_A025 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ0967 GenBank Acc|CD468772|Ver|CD468772.1  
GI:31390040|LeukoS3\_7\_F03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:717

GBEQ0968 GenBank Acc|CD468710|Ver|CD468710.1  
GI:31389978|LeukoS3\_5\_H06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H06\_A025 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ0969 GenBank Acc|CD468706|Ver|CD468706.1  
GI:31389974|LeukoS3\_5\_F01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_F01\_A025 3',  
mRNA sequence.:Start:1:Stop:433

GBEQ0970 GenBank Acc|CD468704|Ver|CD468704.1  
GI:31389972|LeukoS3\_5\_D04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D04\_A025 3',  
mRNA sequence.:Start:1:Stop:713

GBEQ0971 GenBank Acc|CD468703|Ver|CD468703.1  
GI:31389971|LeukoS3\_5\_A05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_A05\_A025 3',  
mRNA sequence.:Start:1:Stop:234

GBEQ0972 GenBank Acc|CD468698|Ver|CD468698.1  
GI:31389966|LeukoS3\_5\_A04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_A04\_A025 3',  
mRNA sequence.:Start:1:Stop:340

GBEQ0973 GenBank Acc|CD468695|Ver|CD468695.1  
GI:31389963|LeukoS3\_5\_D02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D02\_A025 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ0974 GenBank Acc|CD468694|Ver|CD468694.1  
GI:31389962|LeukoS3\_5\_E04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ0975 GenBank Acc|CD468687|Ver|CD468687.1  
GI:31389955|LeukoS3\_5\_G07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_G07\_A025 3',  
mRNA sequence.:Start:1:Stop:657

GBEQ0976 GenBank Acc|CD468686|Ver|CD468686.1  
GI:31389954|LeukoS3\_5\_H09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:704

GBEQ0977 GenBank Acc|CD468682|Ver|CD468682.1  
GI:31389950|LeukoS3\_5\_H08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H08\_A025 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ0978 GenBank Acc|CD468681|Ver|CD468681.1  
GI:31389949|LeukoS3\_5\_B10.b1\_A025 Stimulated peripheral blood



leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_B10\_A025 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ0979 GenBank Acc|CD468680|Ver|CD468680.1  
GI:31389948|LeukoS3\_5\_C12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_C12\_A025 3',  
mRNA sequence.:Start:1:Stop:325

GBEQ0980 GenBank Acc|CD468677|Ver|CD468677.1  
GI:31389945|LeukoS3\_5\_D07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D07\_A025 3',  
mRNA sequence.:Start:1:Stop:717

GBEQ0981 GenBank Acc|CD468672|Ver|CD468672.1  
GI:31389940|LeukoS3\_5\_B02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ0982 GenBank Acc|CD468671|Ver|CD468671.1  
GI:31389939|LeukoS3\_5\_C04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_C04\_A025 3',  
mRNA sequence.:Start:1:Stop:350

GBEQ0983 GenBank Acc|CD468578|Ver|CD468578.1  
GI:31389846|LeukoS3\_4\_D10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_D10\_A025 3',  
mRNA sequence.:Start:1:Stop:691

GBEQ0984 GenBank Acc|CD468573|Ver|CD468573.1  
GI:31389841|LeukoS3\_4\_H09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ0985 GenBank Acc|CD468571|Ver|CD468571.1  
GI:31389839|LeukoS3\_4\_H01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_H01\_A025 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ0986 GenBank Acc|CD468567|Ver|CD468567.1  
GI:31389835|LeukoS3\_4\_E02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E02\_A025 3',  
mRNA sequence.:Start:1:Stop:308

GBEQ0987 GenBank Acc|CD468560|Ver|CD468560.1  
GI:31389828|LeukoS3\_4\_C11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C11\_A025 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ0988 GenBank Acc|CD468559|Ver|CD468559.1  
GI:31389827|LeukoS3\_4\_D11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_D11\_A025 3',  
mRNA sequence.:Start:1:Stop:703

GBEQ0989 GenBank Acc|CD468558|Ver|CD468558.1  
GI:31389826|LeukoS3\_4\_C02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C02\_A025 3',  
mRNA sequence.:Start:1:Stop:514

GBEQ0990 GenBank Acc|CD468555|Ver|CD468555.1  
GI:31389823|LeukoS3\_4\_G11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:750

GBEQ0991 GenBank Acc|CD468544|Ver|CD468544.1  
GI:31389812|LeukoS3\_4\_E01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E01\_A025 3',  
mRNA sequence.:Start:1:Stop:363

GBEQ0992 GenBank Acc|CD468539|Ver|CD468539.1  
GI:31389807|LeukoS3\_4\_B02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:585

GBEQ0993 GenBank Acc|CD468536|Ver|CD468536.1  
GI:31389804|LeukoS3\_4\_F09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_F09\_A025 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ0994 GenBank Acc|CD468453|Ver|CD468453.1  
GI:31389721|LeukoS3\_3\_C03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ0995 GenBank Acc|CD468452|Ver|CD468452.1  
GI:31389720|LeukoS3\_3\_D05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D05\_A025 3',  
mRNA sequence.:Start:1:Stop:738

GBEQ0996 GenBank Acc|CD468448|Ver|CD468448.1  
GI:31389716|LeukoS3\_3\_G11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:648

GBEQ0997 GenBank Acc|CD468446|Ver|CD468446.1  
GI:31389714|LeukoS3\_3\_F03.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:709

GBEQ0998 GenBank Acc|CD468437|Ver|CD468437.1  
GI:31389705|LeukoS3\_3\_C12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C12\_A025 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ0999 GenBank Acc|CD468424|Ver|CD468424.1  
GI:31389692|LeukoS3\_3\_A06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_A06\_A025 3',  
mRNA sequence.:Start:1:Stop:485

GBEQ1000 GenBank Acc|CD468421|Ver|CD468421.1  
GI:31389689|LeukoS3\_3\_H12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H12\_A025 3',  
mRNA sequence.:Start:1:Stop:750

GBEQ1001 GenBank Acc|CD468415|Ver|CD468415.1  
GI:31389683|LeukoS3\_3\_H08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H08\_A025 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ1002 GenBank Acc|CD468409|Ver|CD468409.1  
GI:31389677|LeukoS3\_3\_C09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C09\_A025 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ1003 GenBank Acc|CD468406|Ver|CD468406.1  
GI:31389674|LeukoS3\_3\_H04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H04\_A025 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ1004 GenBank Acc|CD468404|Ver|CD468404.1  
GI:31389672|LeukoS3\_3\_F11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F11\_A025 3',  
mRNA sequence.:Start:1:Stop:768

GBEQ1005 GenBank Acc|CD468399|Ver|CD468399.1  
GI:31389667|LeukoS3\_3\_B04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_B04\_A025 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ1006 GenBank Acc|CD468391|Ver|CD468391.1  
GI:31389659|LeukoS3\_3\_D09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D09\_A025 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ1007 GenBank Acc|CD468389|Ver|CD468389.1  
GI:31389657|LeukoS3\_3\_B06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_B06\_A025 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ1008 GenBank Acc|CD468388|Ver|CD468388.1  
GI:31389656|LeukoS3\_3\_H09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:580

GBEQ1009 GenBank Acc|CD468304|Ver|CD468304.1  
GI:31389572|LeukoS3\_2\_A04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_A04\_A025 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ1010 GenBank Acc|CD468303|Ver|CD468303.1  
GI:31389571|LeukoS3\_2\_B05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_B05\_A025 3',  
mRNA sequence.:Start:1:Stop:718

GBEQ1011 GenBank Acc|CD468299|Ver|CD468299.1  
GI:31389567|LeukoS3\_2\_F12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F12\_A025 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ1012 GenBank Acc|CD468288|Ver|CD468288.1  
GI:31389556|LeukoS3\_2\_G08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_G08\_A025 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ1013 GenBank Acc|CD468286|Ver|CD468286.1  
GI:31389554|LeukoS3\_2\_A10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_A10\_A025 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ1014 GenBank Acc|CD468281|Ver|CD468281.1  
GI:31389549|LeukoS3\_2\_D03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D03\_A025 3',  
mRNA sequence.:Start:1:Stop:367

GBEQ1015 GenBank Acc|CD468265|Ver|CD468265.1  
GI:31389533|LeukoS3\_2\_H01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_H01\_A025 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ1016 GenBank Acc|CD468262|Ver|CD468262.1  
GI:31389530|LeukoS3\_2\_F10.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F10\_A025 3',  
mRNA sequence.:Start:1:Stop:406

GBEQ1017 GenBank Acc|CD468261|Ver|CD468261.1  
GI:31389529|LeukoS3\_2\_E01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_E01\_A025 3',  
mRNA sequence.:Start:1:Stop:511

GBEQ1018 GenBank Acc|CD468255|Ver|CD468255.1  
GI:31389523|LeukoS3\_2\_C09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C09\_A025 3',  
mRNA sequence.:Start:1:Stop:705

GBEQ1019 GenBank Acc|CD468247|Ver|CD468247.1  
GI:31389515|LeukoS3\_2\_D12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:731

GBEQ1020 GenBank Acc|CD468246|Ver|CD468246.1  
GI:31389514|LeukoS3\_2\_C03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:453

GBEQ1021 GenBank Acc|CD468244|Ver|CD468244.1  
GI:31389512|LeukoS3\_2\_D10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D10\_A025 3',  
mRNA sequence.:Start:1:Stop:444

GBEQ1022 GenBank Acc|CD468149|Ver|CD468149.1  
GI:31389417|LeukoS3\_1\_B02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ1023 GenBank Acc|CD468144|Ver|CD468144.1  
GI:31389412|LeukoS3\_1\_F09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F09\_A025 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ1024 GenBank Acc|CD468143|Ver|CD468143.1  
GI:31389411|LeukoS3\_1\_H12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H12\_A025 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ1025 GenBank Acc|CD468140|Ver|CD468140.1  
GI:31389408|LeukoS3\_1\_G11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ1026 GenBank Acc|CD468139|Ver|CD468139.1  
GI:31389407|LeukoS3\_1\_F02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F02\_A025 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ1027 GenBank Acc|CD468138|Ver|CD468138.1  
GI:31389406|LeukoS3\_1\_G04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G04\_A025 3',  
mRNA sequence.:Start:1:Stop:500

GBEQ1028 GenBank Acc|CD468134|Ver|CD468134.1  
GI:31389402|LeukoS3\_1\_A07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A07\_A025 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ1029 GenBank Acc|CD468130|Ver|CD468130.1  
GI:31389398|LeukoS3\_1\_D12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ1030 GenBank Acc|CD468120|Ver|CD468120.1  
GI:31389388|LeukoS3\_1\_D10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D10\_A025 3',  
mRNA sequence.:Start:1:Stop:514

GBEQ1031 GenBank Acc|CD468110|Ver|CD468110.1  
GI:31389378|LeukoS3\_1\_B04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B04\_A025 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1032 GenBank Acc|CD468109|Ver|CD468109.1  
GI:31389377|LeukoS3\_1\_C06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_C06\_A025 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ1033 GenBank Acc|CD468106|Ver|CD468106.1  
GI:31389374|LeukoS3\_1\_H02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H02\_A025 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ1034 GenBank Acc|CD468105|Ver|CD468105.1  
GI:31389373|LeukoS3\_1\_A10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A10\_A025 3',  
mRNA sequence.:Start:1:Stop:650

GBEQ1035 GenBank Acc|CD468104|Ver|CD468104.1  
GI:31389372|LeukoS3\_1\_B12.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B12\_A025 3',  
mRNA sequence.:Start:1:Stop:697

GBEQ1036 GenBank Acc|CD468101|Ver|CD468101.1  
GI:31389369|LeukoS3\_1\_B03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B03\_A025 3',  
mRNA sequence.:Start:1:Stop:518

GBEQ1037 GenBank Acc|CD468092|Ver|CD468092.1  
GI:31389360|LeukoS3\_1\_H09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ1038 GenBank Acc|CD468088|Ver|CD468088.1  
GI:31389356|LeukoS3\_1\_A08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A08\_A025 3',  
mRNA sequence.:Start:1:Stop:730

GBEQ1039 GenBank Acc|CD468087|Ver|CD468087.1  
GI:31389355|LeukoS3\_1\_F10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F10\_A025 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ1040 GenBank Acc|CD468084|Ver|CD468084.1  
GI:31389352|LeukoS3\_1\_F03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:478

GBEQ1041 GenBank Acc|CD468081|Ver|CD468081.1  
GI:31389349|LeukoS3\_1\_H04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H04\_A025 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ1042 GenBank Acc|CD468079|Ver|CD468079.1  
GI:31389347|LeukoS3\_1\_F12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F12\_A025 3',  
mRNA sequence.:Start:1:Stop:599

GBEQ1043 GenBank Acc|CD467996|Ver|CD467996.1  
GI:31389264|LeukoS1\_8\_H11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ1044 GenBank Acc|CD467993|Ver|CD467993.1  
GI:31389261|LeukoS1\_8\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ1045 GenBank Acc|CD467991|Ver|CD467991.1  
GI:31389259|LeukoS1\_8\_D10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D10\_A023 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ1046 GenBank Acc|CD467990|Ver|CD467990.1  
GI:31389258|LeukoS1\_8\_E12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E12\_A023 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ1047 GenBank Acc|CD467987|Ver|CD467987.1  
GI:31389255|LeukoS1\_8\_G09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G09\_A023 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ1048 GenBank Acc|CD467985|Ver|CD467985.1  
GI:31389253|LeukoS1\_8\_F10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F10\_A023 3',  
mRNA sequence.:Start:1:Stop:716

GBEQ1049 GenBank Acc|CD467982|Ver|CD467982.1  
GI:31389250|LeukoS1\_8\_F03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F03\_A023 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ1050 GenBank Acc|CD467981|Ver|CD467981.1  
GI:31389249|LeukoS1\_8\_B06.b1\_A023 Stimulated peripheral blood  
leukocytes S1. Equus caballus cDNA clone LeukoS1\_8\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:618

GBEQ1051 GenBank Acc|CD467977|Ver|CD467977.1  
GI:31389245|LeukoS1\_8\_C04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C04\_A023 3',  
mRNA sequence.:Start:1:Stop:200

GBEQ1052 GenBank Acc|CD467976|Ver|CD467976.1  
GI:31389244|LeukoS1\_8\_D06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D06\_A023 3',  
mRNA sequence.:Start:1:Stop:319

GBEQ1053 GenBank Acc|CD467973|Ver|CD467973.1  
GI:31389241|LeukoS1\_8\_E04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E04\_A023 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ1054 GenBank Acc|CD467965|Ver|CD467965.1  
GI:31389233|LeukoS1\_8\_B05.b1\_A023 Stimulated peripheral blood



leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:696

GBEQ1055 GenBank Acc|CD467960|Ver|CD467960.1  
GI:31389228|LeukoS1\_8\_D05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:507

GBEQ1056 GenBank Acc|CD467959|Ver|CD467959.1  
GI:31389227|LeukoS1\_8\_E07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:715

GBEQ1057 GenBank Acc|CD467953|Ver|CD467953.1  
GI:31389221|LeukoS1\_8\_H09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H09\_A023 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ1058 GenBank Acc|CD467952|Ver|CD467952.1  
GI:31389220|LeukoS1\_8\_A06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A06\_A023 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ1059 GenBank Acc|CD467949|Ver|CD467949.1  
GI:31389217|LeukoS1\_8\_H05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:704

GBEQ1060 GenBank Acc|CD467948|Ver|CD467948.1  
GI:31389216|LeukoS1\_8\_B04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_B04\_A023 3',  
mRNA sequence.:Start:1:Stop:687

GBEQ1061 GenBank Acc|CD467946|Ver|CD467946.1  
GI:31389214|LeukoS1\_8\_D08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D08\_A023 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ1062 GenBank Acc|CD467945|Ver|CD467945.1  
GI:31389213|LeukoS1\_8\_H01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H01\_A023 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ1063 GenBank Acc|CD467943|Ver|CD467943.1  
GI:31389211|LeukoS1\_8\_D04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D04\_A023 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ1064 GenBank Acc|CD467941|Ver|CD467941.1  
GI:31389209|LeukoS1\_8\_F11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F11\_A023 3',  
mRNA sequence.:Start:1:Stop:726

GBEQ1065 GenBank Acc|CD467939|Ver|CD467939.1  
GI:31389207|LeukoS1\_8\_A12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:691

GBEQ1066 GenBank Acc|CD467938|Ver|CD467938.1  
GI:31389206|LeukoS1\_8\_F04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F04\_A023 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ1067 GenBank Acc|CD467937|Ver|CD467937.1  
GI:31389205|LeukoS1\_8\_H08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H08\_A023 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ1068 GenBank Acc|CD467850|Ver|CD467850.1  
GI:31389118|LeukoS1\_7\_D03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:667

GBEQ1069 GenBank Acc|CD467845|Ver|CD467845.1  
GI:31389113|LeukoS1\_7\_G12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G12\_A023 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ1070 GenBank Acc|CD467843|Ver|CD467843.1  
GI:31389111|LeukoS1\_7\_A11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:657

GBEQ1071 GenBank Acc|CD467833|Ver|CD467833.1  
GI:31389101|LeukoS1\_7\_E11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ1072 GenBank Acc|CD467831|Ver|CD467831.1  
GI:31389099|LeukoS1\_7\_F06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F06\_A023 3',  
mRNA sequence.:Start:1:Stop:662

GBEQ1073 GenBank Acc|CD467830|Ver|CD467830.1  
GI:31389098|LeukoS1\_7\_A07.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_A07\_A023 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ1074 GenBank Acc|CD467829|Ver|CD467829.1  
GI:31389097|LeukoS1\_7\_G11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G11\_A023 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ1075 GenBank Acc|CD467821|Ver|CD467821.1  
GI:31389089|LeukoS1\_7\_D05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ1076 GenBank Acc|CD467820|Ver|CD467820.1  
GI:31389088|LeukoS1\_7\_E07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ1077 GenBank Acc|CD467815|Ver|CD467815.1  
GI:31389083|LeukoS1\_7\_F05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F05\_A023 3',  
mRNA sequence.:Start:1:Stop:731

GBEQ1078 GenBank Acc|CD467811|Ver|CD467811.1  
GI:31389079|LeukoS1\_7\_G10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G10\_A023 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ1079 GenBank Acc|CD467808|Ver|CD467808.1  
GI:31389076|LeukoS1\_7\_B11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B11\_A023 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ1080 GenBank Acc|CD467807|Ver|CD467807.1  
GI:31389075|LeukoS1\_7\_H05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ1081 GenBank Acc|CD467801|Ver|CD467801.1  
GI:31389069|LeukoS1\_7\_C02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_C02\_A023 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ1082 GenBank Acc|CD467796|Ver|CD467796.1  
GI:31389064|LeukoS1\_7\_H08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_H08\_A023 3',  
mRNA sequence.:Start:1:Stop:707

GBEQ1083 GenBank Acc|CD467702|Ver|CD467702.1  
GI:31388970|LeukoS1\_6\_F03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F03\_A023 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ1084 GenBank Acc|CD467698|Ver|CD467698.1  
GI:31388966|LeukoS1\_6\_C08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C08\_A023 3',  
mRNA sequence.:Start:1:Stop:707

GBEQ1085 GenBank Acc|CD467693|Ver|CD467693.1  
GI:31388961|LeukoS1\_6\_D06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D06\_A023 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ1086 GenBank Acc|CD467692|Ver|CD467692.1  
GI:31388960|LeukoS1\_6\_E08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E08\_A023 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ1087 GenBank Acc|CD467691|Ver|CD467691.1  
GI:31388959|LeukoS1\_6\_E11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ1088 GenBank Acc|CD467688|Ver|CD467688.1  
GI:31388956|LeukoS1\_6\_F06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F06\_A023 3',  
mRNA sequence.:Start:1:Stop:650

GBEQ1089 GenBank Acc|CD467686|Ver|CD467686.1  
GI:31388954|LeukoS1\_6\_B09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B09\_A023 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ1090 GenBank Acc|CD467684|Ver|CD467684.1  
GI:31388952|LeukoS1\_6\_A10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_A10\_A023 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ1091 GenBank Acc|CD467683|Ver|CD467683.1  
GI:31388951|LeukoS1\_6\_F02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F02\_A023 3',  
mRNA sequence.:Start:1:Stop:192

GBEQ1092 GenBank Acc|CD467682|Ver|CD467682.1  
GI:31388950|LeukoS1\_6\_B12.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ1093 GenBank Acc|CD467675|Ver|CD467675.1  
GI:31388943|LeukoS1\_6\_E07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:588

GBEQ1094 GenBank Acc|CD467672|Ver|CD467672.1  
GI:31388940|LeukoS1\_6\_F12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F12\_A023 3',  
mRNA sequence.:Start:1:Stop:275

GBEQ1095 GenBank Acc|CD467671|Ver|CD467671.1  
GI:31388939|LeukoS1\_6\_D01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D01\_A023 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ1096 GenBank Acc|CD467668|Ver|CD467668.1  
GI:31388936|LeukoS1\_6\_G07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:682

GBEQ1097 GenBank Acc|CD467666|Ver|CD467666.1  
GI:31388934|LeukoS1\_6\_B08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B08\_A023 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ1098 GenBank Acc|CD467659|Ver|CD467659.1  
GI:31388927|LeukoS1\_6\_D08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D08\_A023 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ1099 GenBank Acc|CD467657|Ver|CD467657.1  
GI:31388925|LeukoS1\_6\_D11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:708

GBEQ1100 GenBank Acc|CD467648|Ver|CD467648.1  
GI:31388916|LeukoS1\_6\_C09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C09\_A023 3',  
mRNA sequence.:Start:1:Stop:702

GBEQ1101 GenBank Acc|CD467647|Ver|CD467647.1  
GI:31388915|LeukoS1\_6\_B10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:700

GBEQ1102 GenBank Acc|CD467642|Ver|CD467642.1  
GI:31388910|LeukoS1\_6\_B03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B03\_A023 3',  
mRNA sequence.:Start:1:Stop:730

GBEQ1103 GenBank Acc|CD467640|Ver|CD467640.1  
GI:31388908|LeukoS1\_6\_E09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ1104 GenBank Acc|CD467639|Ver|CD467639.1  
GI:31388907|LeukoS1\_6\_D10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D10\_A023 3',  
mRNA sequence.:Start:1:Stop:587

GBEQ1105 GenBank Acc|CD467636|Ver|CD467636.1  
GI:31388904|LeukoS1\_6\_D03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ1106 GenBank Acc|CD467539|Ver|CD467539.1  
GI:31388807|LeukoS1\_5\_G08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G08\_A023 3',  
mRNA sequence.:Start:1:Stop:268

GBEQ1107 GenBank Acc|CD467538|Ver|CD467538.1  
GI:31388806|LeukoS1\_5\_A07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A07\_A023 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ1108 GenBank Acc|CD467534|Ver|CD467534.1  
GI:31388802|LeukoS1\_5\_B12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:401

GBEQ1109 GenBank Acc|CD467533|Ver|CD467533.1  
GI:31388801|LeukoS1\_5\_B05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ1110 GenBank Acc|CD467524|Ver|CD467524.1  
GI:31388792|LeukoS1\_5\_G07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ1111 GenBank Acc|CD467521|Ver|CD467521.1  
GI:31388789|LeukoS1\_5\_G10.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G10\_A023 3',  
mRNA sequence.:Start:1:Stop:766

GBEQ1112 GenBank Acc|CD467520|Ver|CD467520.1  
GI:31388788|LeukoS1\_5\_F01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_F01\_A023 3',  
mRNA sequence.:Start:1:Stop:456

GBEQ1113 GenBank Acc|CD467518|Ver|CD467518.1  
GI:31388786|LeukoS1\_5\_H05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ1114 GenBank Acc|CD467506|Ver|CD467506.1  
GI:31388774|LeukoS1\_5\_H04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H04\_A023 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ1115 GenBank Acc|CD467505|Ver|CD467505.1  
GI:31388773|LeukoS1\_5\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:757

GBEQ1116 GenBank Acc|CD467413|Ver|CD467413.1  
GI:31388681|LeukoS1\_4\_B02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B02\_A023 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ1117 GenBank Acc|CD467406|Ver|CD467406.1  
GI:31388674|LeukoS1\_4\_F10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F10\_A023 3',  
mRNA sequence.:Start:1:Stop:464

GBEQ1118 GenBank Acc|CD467401|Ver|CD467401.1  
GI:31388669|LeukoS1\_4\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ1119 GenBank Acc|CD467399|Ver|CD467399.1  
GI:31388667|LeukoS1\_4\_A08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_A08\_A023 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ1120 GenBank Acc|CD467396|Ver|CD467396.1  
GI:31388664|LeukoS1\_4\_F01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F01\_A023 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ1121 GenBank Acc|CD467393|Ver|CD467393.1  
GI:31388661|LeukoS1\_4\_E10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:482

GBEQ1122 GenBank Acc|CD467392|Ver|CD467392.1  
GI:31388660|LeukoS1\_4\_F12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F12\_A023 3',  
mRNA sequence.:Start:1:Stop:698

GBEQ1123 GenBank Acc|CD467386|Ver|CD467386.1  
GI:31388654|LeukoS1\_4\_D11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ1124 GenBank Acc|CD467380|Ver|CD467380.1  
GI:31388648|LeukoS1\_4\_B05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:755

GBEQ1125 GenBank Acc|CD467379|Ver|CD467379.1  
GI:31388647|LeukoS1\_4\_C07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C07\_A023 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ1126 GenBank Acc|CD467367|Ver|CD467367.1  
GI:31388635|LeukoS1\_4\_B01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B01\_A023 3',  
mRNA sequence.:Start:1:Stop:452

GBEQ1127 GenBank Acc|CD467365|Ver|CD467365.1  
GI:31388633|LeukoS1\_4\_E07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ1128 GenBank Acc|CD467264|Ver|CD467264.1  
GI:31388532|LeukoS1\_3\_H11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:735

GBEQ1129 GenBank Acc|CD467260|Ver|CD467260.1  
GI:31388528|LeukoS1\_3\_A12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:750

GBEQ1130 GenBank Acc|CD467256|Ver|CD467256.1  
GI:31388524|LeukoS1\_3\_G01.b1\_A023 Stimulated peripheral blood



leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_G01\_A023 3',  
mRNA sequence.:Start:1:Stop:350

GBEQ1131 GenBank Acc|CD467253|Ver|CD467253.1  
GI:31388521|LeukoS1\_3\_F07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F07\_A023 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ1132 GenBank Acc|CD467246|Ver|CD467246.1  
GI:31388514|LeukoS1\_3\_A09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A09\_A023 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ1133 GenBank Acc|CD467244|Ver|CD467244.1  
GI:31388512|LeukoS1\_3\_A06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A06\_A023 3',  
mRNA sequence.:Start:1:Stop:448

GBEQ1134 GenBank Acc|CD467242|Ver|CD467242.1  
GI:31388510|LeukoS1\_3\_B11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_B11\_A023 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ1135 GenBank Acc|CD467239|Ver|CD467239.1  
GI:31388507|LeukoS1\_3\_D01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_D01\_A023 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ1136 GenBank Acc|CD467231|Ver|CD467231.1  
GI:31388499|LeukoS1\_3\_A08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A08\_A023 3',  
mRNA sequence.:Start:1:Stop:737

GBEQ1137 GenBank Acc|CD467230|Ver|CD467230.1  
GI:31388498|LeukoS1\_3\_F10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F10\_A023 3',  
mRNA sequence.:Start:1:Stop:105

GBEQ1138 GenBank Acc|CD467225|Ver|CD467225.1  
GI:31388493|LeukoS1\_3\_H08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H08\_A023 3',  
mRNA sequence.:Start:1:Stop:695

GBEQ1139 GenBank Acc|CD467221|Ver|CD467221.1  
GI:31388489|LeukoS1\_3\_B10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ1140 GenBank Acc|CD467217|Ver|CD467217.1  
GI:31388485|LeukoS1\_3\_C06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C06\_A023 3',  
mRNA sequence.:Start:1:Stop:577

GBEQ1141 GenBank Acc|CD467213|Ver|CD467213.1  
GI:31388481|LeukoS1\_3\_H09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H09\_A023 3',  
mRNA sequence.:Start:1:Stop:539

GBEQ1142 GenBank Acc|CD467210|Ver|CD467210.1  
GI:31388478|LeukoS1\_3\_F03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F03\_A023 3',  
mRNA sequence.:Start:1:Stop:484

GBEQ1143 GenBank Acc|CD467208|Ver|CD467208.1  
GI:31388476|LeukoS1\_3\_D11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:721

GBEQ1144 GenBank Acc|CD467207|Ver|CD467207.1  
GI:31388475|LeukoS1\_3\_C10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C10\_A023 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ1145 GenBank Acc|CD467118|Ver|CD467118.1  
GI:31388386|LeukoS1\_2\_A01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_A01\_A023 3',  
mRNA sequence.:Start:1:Stop:458

GBEQ1146 GenBank Acc|CD467112|Ver|CD467112.1  
GI:31388380|LeukoS1\_2\_E09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:520

GBEQ1147 GenBank Acc|CD467105|Ver|CD467105.1  
GI:31388373|LeukoS1\_2\_H11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:736

GBEQ1148 GenBank Acc|CD467098|Ver|CD467098.1  
GI:31388366|LeukoS1\_2\_H05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ1149 GenBank Acc|CD467097|Ver|CD467097.1  
GI:31388365|LeukoS1\_2\_E07.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:211

GBEQ1150 GenBank Acc|CD467094|Ver|CD467094.1  
GI:31388362|LeukoS1\_2\_F05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F05\_A023 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ1151 GenBank Acc|CD467090|Ver|CD467090.1  
GI:31388358|LeukoS1\_2\_H03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H03\_A023 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ1152 GenBank Acc|CD467088|Ver|CD467088.1  
GI:31388356|LeukoS1\_2\_H04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H04\_A023 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ1153 GenBank Acc|CD467085|Ver|CD467085.1  
GI:31388353|LeukoS1\_2\_G08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_G08\_A023 3',  
mRNA sequence.:Start:1:Stop:730

GBEQ1154 GenBank Acc|CD467084|Ver|CD467084.1  
GI:31388352|LeukoS1\_2\_C01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_C01\_A023 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ1155 GenBank Acc|CD467083|Ver|CD467083.1  
GI:31388351|LeukoS1\_2\_D03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1156 GenBank Acc|CD467082|Ver|CD467082.1  
GI:31388350|LeukoS1\_2\_E05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E05\_A023 3',  
mRNA sequence.:Start:1:Stop:515

GBEQ1157 GenBank Acc|CD467080|Ver|CD467080.1  
GI:31388348|LeukoS1\_2\_E06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E06\_A023 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1158 GenBank Acc|CD467077|Ver|CD467077.1  
GI:31388345|LeukoS1\_2\_B12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:711

GBEQ1159 GenBank Acc|CD467072|Ver|CD467072.1  
GI:31388340|LeukoS1\_2\_H12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H12\_A023 3',  
mRNA sequence.:Start:1:Stop:555

GBEQ1160 GenBank Acc|CD466980|Ver|CD466980.1  
GI:31388248|LeukoS1\_1\_E11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:616

GBEQ1161 GenBank Acc|CD466976|Ver|CD466976.1  
GI:31388244|LeukoS1\_1\_A11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:612

GBEQ1162 GenBank Acc|CD466975|Ver|CD466975.1  
GI:31388243|LeukoS1\_1\_C07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C07\_A023 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1163 GenBank Acc|CD466971|Ver|CD466971.1  
GI:31388239|LeukoS1\_1\_E05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E05\_A023 3',  
mRNA sequence.:Start:1:Stop:427

GBEQ1164 GenBank Acc|CD466957|Ver|CD466957.1  
GI:31388225|LeukoS1\_1\_C12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C12\_A023 3',  
mRNA sequence.:Start:1:Stop:736

GBEQ1165 GenBank Acc|CD466954|Ver|CD466954.1  
GI:31388222|LeukoS1\_1\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ1166 GenBank Acc|CD466942|Ver|CD466942.1  
GI:31388210|LeukoS1\_1\_A05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_A05\_A023 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ1167 GenBank Acc|CD466939|Ver|CD466939.1  
GI:31388207|LeukoS1\_1\_H11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:452

GBEQ1168 GenBank Acc|CD466933|Ver|CD466933.1  
GI:31388201|LeukoS1\_1\_B08.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B08\_A023 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ1169 GenBank Acc|CD466926|Ver|CD466926.1  
GI:31388194|LeukoS1\_1\_H01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H01\_A023 3',  
mRNA sequence.:Start:1:Stop:658

GBEQ1170 GenBank Acc|CD466925|Ver|CD466925.1  
GI:31388193|LeukoS1\_1\_G02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G02\_A023 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ1171 GenBank Acc|CD466922|Ver|CD466922.1  
GI:31388190|LeukoS1\_1\_G12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G12\_A023 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ1172 GenBank Acc|CD466916|Ver|CD466916.1  
GI:31388184|LeukoS1\_1\_B11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B11\_A023 3',  
mRNA sequence.:Start:1:Stop:670

GBEQ1173 GenBank Acc|CD466915|Ver|CD466915.1  
GI:31388183|LeukoS1\_1\_B04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B04\_A023 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ1174 GenBank Acc|CD466914|Ver|CD466914.1  
GI:31388182|LeukoS1\_1\_B01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B01\_A023 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ1175 GenBank Acc|CD466828|Ver|CD466828.1  
GI:31388096|LeukoN2\_8\_E06.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E06\_A024 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ1176 GenBank Acc|CD466827|Ver|CD466827.1  
GI:31388095|LeukoN2\_8\_E11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E11\_A024 3',  
mRNA sequence.:Start:1:Stop:468

GBEQ1177 GenBank Acc|CD466825|Ver|CD466825.1  
GI:31388093|LeukoN2\_8\_F06.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F06\_A024 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ1178 GenBank Acc|CD466824|Ver|CD466824.1  
GI:31388092|LeukoN2\_8\_F11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F11\_A024 3',  
mRNA sequence.:Start:1:Stop:640

GBEQ1179 GenBank Acc|CD466822|Ver|CD466822.1  
GI:31388090|LeukoN2\_8\_E02.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E02\_A024 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ1180 GenBank Acc|CD466816|Ver|CD466816.1  
GI:31388084|LeukoN2\_8\_B07.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ1181 GenBank Acc|CD466815|Ver|CD466815.1  
GI:31388083|LeukoN2\_8\_A10.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A10\_A024 3',  
mRNA sequence.:Start:1:Stop:574

GBEQ1182 GenBank Acc|CD466805|Ver|CD466805.1  
GI:31388073|LeukoN2\_8\_A01.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A01\_A024 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ1183 GenBank Acc|CD466804|Ver|CD466804.1  
GI:31388072|LeukoN2\_8\_C05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C05\_A024 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ1184 GenBank Acc|CD466800|Ver|CD466800.1  
GI:31388068|LeukoN2\_8\_D05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_D05\_A024 3',  
mRNA sequence.:Start:1:Stop:288

GBEQ1185 GenBank Acc|CD466797|Ver|CD466797.1  
GI:31388065|LeukoN2\_8\_C01.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C01\_A024 3',  
mRNA sequence.:Start:1:Stop:233

GBEQ1186 GenBank Acc|CD466796|Ver|CD466796.1  
GI:31388064|LeukoN2\_8\_E05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E05\_A024 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ1187 GenBank Acc|CD466795|Ver|CD466795.1  
GI:31388063|LeukoN2\_8\_F07.b2\_A024 Unstimulated peripheral blood

leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F07\_A024 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ1188 GenBank Acc|CD466786|Ver|CD466786.1  
GI:31388054|LeukoN2\_8\_A11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A11\_A024 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ1189 GenBank Acc|CD466783|Ver|CD466783.1  
GI:31388051|LeukoN2\_8\_A04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A04\_A024 3',  
mRNA sequence.:Start:1:Stop:516

GBEQ1190 GenBank Acc|CD466781|Ver|CD466781.1  
GI:31388049|LeukoN2\_8\_C08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C08\_A024 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ1191 GenBank Acc|CD466779|Ver|CD466779.1  
GI:31388047|LeukoN2\_8\_H05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H05\_A024 3',  
mRNA sequence.:Start:1:Stop:599

GBEQ1192 GenBank Acc|CD466777|Ver|CD466777.1  
GI:31388045|LeukoN2\_8\_B04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_B04\_A024 3',  
mRNA sequence.:Start:1:Stop:364

GBEQ1193 GenBank Acc|CD466776|Ver|CD466776.1  
GI:31388044|LeukoN2\_8\_C06.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C06\_A024 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ1194 GenBank Acc|CD466773|Ver|CD466773.1  
GI:31388041|LeukoN2\_8\_D08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_D08\_A024 3',  
mRNA sequence.:Start:1:Stop:306

GBEQ1195 GenBank Acc|CD466768|Ver|CD466768.1  
GI:31388036|LeukoN2\_8\_H01.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H01\_A024 3',  
mRNA sequence.:Start:1:Stop:616

GBEQ1196 GenBank Acc|CD466767|Ver|CD466767.1  
GI:31388035|LeukoN2\_8\_E08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E08\_A024 3',  
mRNA sequence.:Start:1:Stop:667

GBEQ1197 GenBank Acc|CD466766|Ver|CD466766.1  
GI:31388034|LeukoN2\_8\_C02.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C02\_A024 3',  
mRNA sequence.:Start:1:Stop:493

GBEQ1198 GenBank Acc|CD466706|Ver|CD466706.1  
GI:31387974|LeukoN2\_5\_D02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D02\_A024 3',  
mRNA sequence.:Start:1:Stop:473

GBEQ1199 GenBank Acc|CD466704|Ver|CD466704.1  
GI:31387972|LeukoN2\_5\_D01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D01\_A024 3',  
mRNA sequence.:Start:1:Stop:322

GBEQ1200 GenBank Acc|CD466699|Ver|CD466699.1  
GI:31387967|LeukoN2\_5\_C02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_C02\_A024 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ1201 GenBank Acc|CD466618|Ver|CD466618.1  
GI:31387886|LeukoN2\_7\_A05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A05\_A024 3',  
mRNA sequence.:Start:1:Stop:679

GBEQ1202 GenBank Acc|CD466613|Ver|CD466613.1  
GI:31387881|LeukoN2\_7\_B12.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:348

GBEQ1203 GenBank Acc|CD466611|Ver|CD466611.1  
GI:31387879|LeukoN2\_7\_A03.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A03\_A024 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ1204 GenBank Acc|CD466606|Ver|CD466606.1  
GI:31387874|LeukoN2\_7\_D09.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D09\_A024 3',  
mRNA sequence.:Start:1:Stop:636

GBEQ1205 GenBank Acc|CD466603|Ver|CD466603.1  
GI:31387871|LeukoN2\_7\_B03.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B03\_A024 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ1206 GenBank Acc|CD466600|Ver|CD466600.1  
GI:31387868|LeukoN2\_7\_H02.b2\_A024 Unstimulated peripheral blood



leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H02\_A024 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ1207 GenBank Acc|CD466592|Ver|CD466592.1  
GI:31387860|LeukoN2\_7\_E05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E05\_A024 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ1208 GenBank Acc|CD466590|Ver|CD466590.1  
GI:31387858|LeukoN2\_7\_D01.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D01\_A024 3',  
mRNA sequence.:Start:1:Stop:387

GBEQ1209 GenBank Acc|CD466589|Ver|CD466589.1  
GI:31387857|LeukoN2\_7\_A08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A08\_A024 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ1210 GenBank Acc|CD466585|Ver|CD466585.1  
GI:31387853|LeukoN2\_7\_F10.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ1211 GenBank Acc|CD466577|Ver|CD466577.1  
GI:31387845|LeukoN2\_7\_H07.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H07\_A024 3',  
mRNA sequence.:Start:1:Stop:666

GBEQ1212 GenBank Acc|CD466576|Ver|CD466576.1  
GI:31387844|LeukoN2\_7\_A04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A04\_A024 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ1213 GenBank Acc|CD466564|Ver|CD466564.1  
GI:31387832|LeukoN2\_7\_D06.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D06\_A024 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ1214 GenBank Acc|CD466561|Ver|CD466561.1  
GI:31387829|LeukoN2\_7\_F08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F08\_A024 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ1215 GenBank Acc|CD466558|Ver|CD466558.1  
GI:31387826|LeukoN2\_7\_E04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E04\_A024 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ1216 GenBank Acc|CD466557|Ver|CD466557.1  
GI:31387825|LeukoN2\_7\_F06.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F06\_A024 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ1217 GenBank Acc|CD466465|Ver|CD466465.1  
GI:31387733|LeukoN2\_4\_D12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D12\_A024 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ1218 GenBank Acc|CD466464|Ver|CD466464.1  
GI:31387732|LeukoN2\_4\_A06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A06\_A024 3',  
mRNA sequence.:Start:1:Stop:552

GBEQ1219 GenBank Acc|CD466462|Ver|CD466462.1  
GI:31387730|LeukoN2\_4\_G10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:575

GBEQ1220 GenBank Acc|CD466461|Ver|CD466461.1  
GI:31387729|LeukoN2\_4\_A12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A12\_A024 3',  
mRNA sequence.:Start:1:Stop:688

GBEQ1221 GenBank Acc|CD466460|Ver|CD466460.1  
GI:31387728|LeukoN2\_4\_A07.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A07\_A024 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ1222 GenBank Acc|CD466459|Ver|CD466459.1  
GI:31387727|LeukoN2\_4\_B09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B09\_A024 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ1223 GenBank Acc|CD466455|Ver|CD466455.1  
GI:31387723|LeukoN2\_4\_A05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A05\_A024 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ1224 GenBank Acc|CD466454|Ver|CD466454.1  
GI:31387722|LeukoN2\_4\_B07.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ1225 GenBank Acc|CD466450|Ver|CD466450.1  
GI:31387718|LeukoN2\_4\_C08.b1\_A024 Unstimulated peripheral blood

leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_C08\_A024 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ1226 GenBank Acc|CD466442|Ver|CD466442.1  
GI:31387710|LeukoN2\_4\_G06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G06\_A024 3',  
mRNA sequence.:Start:1:Stop:646

GBEQ1227 GenBank Acc|CD466440|Ver|CD466440.1  
GI:31387708|LeukoN2\_4\_C04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_C04\_A024 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ1228 GenBank Acc|CD466437|Ver|CD466437.1  
GI:31387705|LeukoN2\_4\_E07.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E07\_A024 3',  
mRNA sequence.:Start:1:Stop:612

GBEQ1229 GenBank Acc|CD466435|Ver|CD466435.1  
GI:31387703|LeukoN2\_4\_B11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B11\_A024 3',  
mRNA sequence.:Start:1:Stop:716

GBEQ1230 GenBank Acc|CD466426|Ver|CD466426.1  
GI:31387694|LeukoN2\_4\_D08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D08\_A024 3',  
mRNA sequence.:Start:1:Stop:587

GBEQ1231 GenBank Acc|CD466422|Ver|CD466422.1  
GI:31387690|LeukoN2\_4\_G05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G05\_A024 3',  
mRNA sequence.:Start:1:Stop:429

GBEQ1232 GenBank Acc|CD466409|Ver|CD466409.1  
GI:31387677|LeukoN2\_4\_D10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D10\_A024 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ1233 GenBank Acc|CD466404|Ver|CD466404.1  
GI:31387672|LeukoN2\_4\_H12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_H12\_A024 3',  
mRNA sequence.:Start:1:Stop:683

GBEQ1234 GenBank Acc|CD466402|Ver|CD466402.1  
GI:31387670|LeukoN2\_4\_E10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E10\_A024 3',  
mRNA sequence.:Start:1:Stop:290

GBEQ1235 GenBank Acc|CD466398|Ver|CD466398.1  
GI:31387666|LeukoN2\_4\_E05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E05\_A024 3',  
mRNA sequence.:Start:1:Stop:486

GBEQ1236 GenBank Acc|CD466304|Ver|CD466304.1  
GI:31387572|LeukoN2\_3\_F05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F05\_A024 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ1237 GenBank Acc|CD466303|Ver|CD466303.1  
GI:31387571|LeukoN2\_3\_B04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B04\_A024 3',  
mRNA sequence.:Start:1:Stop:549

GBEQ1238 GenBank Acc|CD466302|Ver|CD466302.1  
GI:31387570|LeukoN2\_3\_C06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C06\_A024 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ1239 GenBank Acc|CD466298|Ver|CD466298.1  
GI:31387566|LeukoN2\_3\_A01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_A01\_A024 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ1240 GenBank Acc|CD466296|Ver|CD466296.1  
GI:31387564|LeukoN2\_3\_B05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B05\_A024 3',  
mRNA sequence.:Start:1:Stop:596

GBEQ1241 GenBank Acc|CD466292|Ver|CD466292.1  
GI:31387560|LeukoN2\_3\_C09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ1242 GenBank Acc|CD466291|Ver|CD466291.1  
GI:31387559|LeukoN2\_3\_G02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G02\_A024 3',  
mRNA sequence.:Start:1:Stop:419

GBEQ1243 GenBank Acc|CD466282|Ver|CD466282.1  
GI:31387550|LeukoN2\_3\_F06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F06\_A024 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ1244 GenBank Acc|CD466279|Ver|CD466279.1  
GI:31387547|LeukoN2\_3\_C02.b1\_A024 Unstimulated peripheral blood

leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C02\_A024 3',  
mRNA sequence.:Start:1:Stop:343

GBEQ1245 GenBank Acc|CD466275|Ver|CD466275.1  
GI:31387543|LeukoN2\_3\_H02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H02\_A024 3',  
mRNA sequence.:Start:1:Stop:452

GBEQ1246 GenBank Acc|CD466265|Ver|CD466265.1  
GI:31387533|LeukoN2\_3\_H10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H10\_A024 3',  
mRNA sequence.:Start:1:Stop:585

GBEQ1247 GenBank Acc|CD466263|Ver|CD466263.1  
GI:31387531|LeukoN2\_3\_B01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B01\_A024 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ1248 GenBank Acc|CD466255|Ver|CD466255.1  
GI:31387523|LeukoN2\_3\_B11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B11\_A024 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ1249 GenBank Acc|CD466249|Ver|CD466249.1  
GI:31387517|LeukoN2\_3\_E11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E11\_A024 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ1250 GenBank Acc|CD466244|Ver|CD466244.1  
GI:31387512|LeukoN2\_3\_A09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_A09\_A024 3',  
mRNA sequence.:Start:1:Stop:127

GBEQ1251 GenBank Acc|CD466242|Ver|CD466242.1  
GI:31387510|LeukoN2\_3\_C11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:662

GBEQ1252 GenBank Acc|CD466240|Ver|CD466240.1  
GI:31387508|LeukoN2\_3\_B08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ1253 GenBank Acc|CD466236|Ver|CD466236.1  
GI:31387504|LeukoN2\_3\_G03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G03\_A024 3',  
mRNA sequence.:Start:1:Stop:508

GBEQ1254 GenBank Acc|CD466145|Ver|CD466145.1  
GI:31387413|LeukoN2\_2\_F07.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_F07\_A024 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ1255 GenBank Acc|CD466138|Ver|CD466138.1  
GI:31387406|LeukoN2\_2\_C06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C06\_A024 3',  
mRNA sequence.:Start:1:Stop:574

GBEQ1256 GenBank Acc|CD466136|Ver|CD466136.1  
GI:31387404|LeukoN2\_2\_F10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:285

GBEQ1257 GenBank Acc|CD466131|Ver|CD466131.1  
GI:31387399|LeukoN2\_2\_B12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:786

GBEQ1258 GenBank Acc|CD466117|Ver|CD466117.1  
GI:31387385|LeukoN2\_2\_C05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C05\_A024 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ1259 GenBank Acc|CD466107|Ver|CD466107.1  
GI:31387375|LeukoN2\_2\_A04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_A04\_A024 3',  
mRNA sequence.:Start:1:Stop:537

GBEQ1260 GenBank Acc|CD466106|Ver|CD466106.1  
GI:31387374|LeukoN2\_2\_B06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B06\_A024 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ1261 GenBank Acc|CD466103|Ver|CD466103.1  
GI:31387371|LeukoN2\_2\_D04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_D04\_A024 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ1262 GenBank Acc|CD466100|Ver|CD466100.1  
GI:31387368|LeukoN2\_2\_B08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ1263 GenBank Acc|CD466099|Ver|CD466099.1  
GI:31387367|LeukoN2\_2\_G10.b1\_A024 Unstimulated peripheral blood

leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ1264 GenBank Acc|CD466098|Ver|CD466098.1  
GI:31387366|LeukoN2\_2\_H12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H12\_A024 3',  
mRNA sequence.:Start:1:Stop:386

GBEQ1265 GenBank Acc|CD466092|Ver|CD466092.1  
GI:31387360|LeukoN2\_2\_E02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_E02\_A024 3',  
mRNA sequence.:Start:1:Stop:384

GBEQ1266 GenBank Acc|CD466086|Ver|CD466086.1  
GI:31387354|LeukoN2\_2\_B07.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B07\_A024 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ1267 GenBank Acc|CD465986|Ver|CD465986.1  
GI:31387254|LeukoN2\_1\_D04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D04\_A024 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ1268 GenBank Acc|CD465982|Ver|CD465982.1  
GI:31387250|LeukoN2\_1\_C11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:740

GBEQ1269 GenBank Acc|CD465974|Ver|CD465974.1  
GI:31387242|LeukoN2\_1\_E10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_E10\_A024 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ1270 GenBank Acc|CD465972|Ver|CD465972.1  
GI:31387240|LeukoN2\_1\_A02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A02\_A024 3',  
mRNA sequence.:Start:1:Stop:482

GBEQ1271 GenBank Acc|CD465970|Ver|CD465970.1  
GI:31387238|LeukoN2\_1\_D02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D02\_A024 3',  
mRNA sequence.:Start:1:Stop:404

GBEQ1272 GenBank Acc|CD465969|Ver|CD465969.1  
GI:31387237|LeukoN2\_1\_E04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_E04\_A024 3',  
mRNA sequence.:Start:1:Stop:480

GBEQ1273 GenBank Acc|CD465964|Ver|CD465964.1  
GI:31387232|LeukoN2\_1\_G09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G09\_A024 3',  
mRNA sequence.:Start:1:Stop:451

GBEQ1274 GenBank Acc|CD465963|Ver|CD465963.1  
GI:31387231|LeukoN2\_1\_F10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:740

GBEQ1275 GenBank Acc|CD465960|Ver|CD465960.1  
GI:31387228|LeukoN2\_1\_D09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D09\_A024 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ1276 GenBank Acc|CD465952|Ver|CD465952.1  
GI:31387220|LeukoN2\_1\_B08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:648

GBEQ1277 GenBank Acc|CD465951|Ver|CD465951.1  
GI:31387219|LeukoN2\_1\_G10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:588

GBEQ1278 GenBank Acc|CD465947|Ver|CD465947.1  
GI:31387215|LeukoN2\_1\_H05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H05\_A024 3',  
mRNA sequence.:Start:1:Stop:451

GBEQ1279 GenBank Acc|CD465945|Ver|CD465945.1  
GI:31387213|LeukoN2\_1\_G06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G06\_A024 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ1280 GenBank Acc|CD465937|Ver|CD465937.1  
GI:31387205|LeukoN2\_1\_A06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A06\_A024 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ1281 GenBank Acc|CD465935|Ver|CD465935.1  
GI:31387203|LeukoN2\_1\_B03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B03\_A024 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ1282 GenBank Acc|CD465929|Ver|CD465929.1  
GI:31387197|LeukoN2\_1\_G07.b1\_A024 Unstimulated peripheral blood



leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G07\_A024 3',  
mRNA sequence.:Start:1:Stop:384

GBEQ1283 GenBank Acc|CD465927|Ver|CD465927.1  
GI:31387195|LeukoN2\_1\_G11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G11\_A024 3',  
mRNA sequence.:Start:1:Stop:748

GBEQ1284 GenBank Acc|CD465923|Ver|CD465923.1  
GI:31387191|LeukoN2\_1\_B09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B09\_A024 3',  
mRNA sequence.:Start:1:Stop:652

GBEQ1285 GenBank Acc|CD465876|Ver|CD465876.1  
GI:31387144|LeukoN1\_8\_B09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B09\_A023 3',  
mRNA sequence.:Start:1:Stop:683

GBEQ1286 GenBank Acc|CD465874|Ver|CD465874.1  
GI:31387142|LeukoN1\_8\_F02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_F02\_A023 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ1287 GenBank Acc|CD465854|Ver|CD465854.1  
GI:31387122|LeukoN1\_8\_A11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ1288 GenBank Acc|CD465842|Ver|CD465842.1  
GI:31387110|LeukoN1\_8\_D09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D09\_A023 3',  
mRNA sequence.:Start:1:Stop:626

GBEQ1289 GenBank Acc|CD465833|Ver|CD465833.1  
GI:31387101|LeukoN1\_8\_F11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_F11\_A023 3',  
mRNA sequence.:Start:1:Stop:680

GBEQ1290 GenBank Acc|CD465829|Ver|CD465829.1  
GI:31387097|LeukoN1\_8\_B03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B03\_A023 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ1291 GenBank Acc|CD465827|Ver|CD465827.1  
GI:31387095|LeukoN1\_8\_D07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:702

GBEQ1292 GenBank Acc|CD465825|Ver|CD465825.1  
GI:31387093|LeukoN1\_8\_A08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A08\_A023 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ1293 GenBank Acc|CD465768|Ver|CD465768.1  
GI:31387036|LeukoN1\_7\_B05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:554

GBEQ1294 GenBank Acc|CD465766|Ver|CD465766.1  
GI:31387034|LeukoN1\_7\_E10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:425

GBEQ1295 GenBank Acc|CD465754|Ver|CD465754.1  
GI:31387022|LeukoN1\_7\_B03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B03\_A023 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ1296 GenBank Acc|CD465752|Ver|CD465752.1  
GI:31387020|LeukoN1\_7\_E09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ1297 GenBank Acc|CD465748|Ver|CD465748.1  
GI:31387016|LeukoN1\_7\_B02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B02\_A023 3',  
mRNA sequence.:Start:1:Stop:283

GBEQ1298 GenBank Acc|CD465747|Ver|CD465747.1  
GI:31387015|LeukoN1\_7\_C04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_C04\_A023 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ1299 GenBank Acc|CD465739|Ver|CD465739.1  
GI:31387007|LeukoN1\_7\_D05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ1300 GenBank Acc|CD465738|Ver|CD465738.1  
GI:31387006|LeukoN1\_7\_E07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:502

GBEQ1301 GenBank Acc|CD465737|Ver|CD465737.1  
GI:31387005|LeukoN1\_7\_F09.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F09\_A023 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ1302 GenBank Acc|CD465734|Ver|CD465734.1  
GI:31387002|LeukoN1\_7\_D04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D04\_A023 3',  
mRNA sequence.:Start:1:Stop:561

GBEQ1303 GenBank Acc|CD465731|Ver|CD465731.1  
GI:31386999|LeukoN1\_7\_A12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:428

GBEQ1304 GenBank Acc|CD465730|Ver|CD465730.1  
GI:31386998|LeukoN1\_7\_A05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_A05\_A023 3',  
mRNA sequence.:Start:1:Stop:462

GBEQ1305 GenBank Acc|CD465729|Ver|CD465729.1  
GI:31386997|LeukoN1\_7\_H11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:407

GBEQ1306 GenBank Acc|CD465723|Ver|CD465723.1  
GI:31386991|LeukoN1\_7\_F07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F07\_A023 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ1307 GenBank Acc|CD465715|Ver|CD465715.1  
GI:31386983|LeukoN1\_7\_F06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F06\_A023 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ1308 GenBank Acc|CD465641|Ver|CD465641.1  
GI:31386909|LeukoN1\_6\_E04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_E04\_A023 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ1309 GenBank Acc|CD465632|Ver|CD465632.1  
GI:31386900|LeukoN1\_6\_G07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:538

GBEQ1310 GenBank Acc|CD465628|Ver|CD465628.1  
GI:31386896|LeukoN1\_6\_F11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_F11\_A023 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ1311 GenBank Acc|CD465624|Ver|CD465624.1  
GI:31386892|LeukoN1\_6\_B10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ1312 GenBank Acc|CD465623|Ver|CD465623.1  
GI:31386891|LeukoN1\_6\_C12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_C12\_A023 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ1313 GenBank Acc|CD465621|Ver|CD465621.1  
GI:31386889|LeukoN1\_6\_D07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ1314 GenBank Acc|CD465619|Ver|CD465619.1  
GI:31386887|LeukoN1\_6\_A08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A08\_A023 3',  
mRNA sequence.:Start:1:Stop:575

GBEQ1315 GenBank Acc|CD465615|Ver|CD465615.1  
GI:31386883|LeukoN1\_6\_C11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_C11\_A023 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ1316 GenBank Acc|CD465609|Ver|CD465609.1  
GI:31386877|LeukoN1\_6\_F02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_F02\_A023 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ1317 GenBank Acc|CD465608|Ver|CD465608.1  
GI:31386876|LeukoN1\_6\_G04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G04\_A023 3',  
mRNA sequence.:Start:1:Stop:477

GBEQ1318 GenBank Acc|CD465538|Ver|CD465538.1  
GI:31386806|LeukoN1\_5\_F05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_F05\_A023 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ1319 GenBank Acc|CD465525|Ver|CD465525.1  
GI:31386793|LeukoN1\_5\_E09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ1320 GenBank Acc|CD465522|Ver|CD465522.1  
GI:31386790|LeukoN1\_5\_G05.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_G05\_A023 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ1321 GenBank Acc|CD465511|Ver|CD465511.1  
GI:31386779|LeukoN1\_5\_G10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_G10\_A023 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ1322 GenBank Acc|CD465507|Ver|CD465507.1  
GI:31386775|LeukoN1\_5\_H05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ1323 GenBank Acc|CD465502|Ver|CD465502.1  
GI:31386770|LeukoN1\_5\_A12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:644

GBEQ1324 GenBank Acc|CD465491|Ver|CD465491.1  
GI:31386759|LeukoN1\_5\_B06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ1325 GenBank Acc|CD465490|Ver|CD465490.1  
GI:31386758|LeukoN1\_5\_C08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C08\_A023 3',  
mRNA sequence.:Start:1:Stop:476

GBEQ1326 GenBank Acc|CD465486|Ver|CD465486.1  
GI:31386754|LeukoN1\_5\_F06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_F06\_A023 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ1327 GenBank Acc|CD465482|Ver|CD465482.1  
GI:31386750|LeukoN1\_5\_H02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H02\_A023 3',  
mRNA sequence.:Start:1:Stop:592

GBEQ1328 GenBank Acc|CD465434|Ver|CD465434.1  
GI:31386702|LeukoN1\_4\_C11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_C11\_A023 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ1329 GenBank Acc|CD465432|Ver|CD465432.1  
GI:31386700|LeukoN1\_4\_G05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G05\_A023 3',  
mRNA sequence.:Start:1:Stop:259

GBEQ1330 GenBank Acc|CD465430|Ver|CD465430.1  
GI:31386698|LeukoN1\_4\_B01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B01\_A023 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ1331 GenBank Acc|CD465423|Ver|CD465423.1  
GI:31386691|LeukoN1\_4\_B09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B09\_A023 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ1332 GenBank Acc|CD465422|Ver|CD465422.1  
GI:31386690|LeukoN1\_4\_G11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G11\_A023 3',  
mRNA sequence.:Start:1:Stop:170

GBEQ1333 GenBank Acc|CD465420|Ver|CD465420.1  
GI:31386688|LeukoN1\_4\_D07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:627

GBEQ1334 GenBank Acc|CD465416|Ver|CD465416.1  
GI:31386684|LeukoN1\_4\_B12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:715

GBEQ1335 GenBank Acc|CD465410|Ver|CD465410.1  
GI:31386678|LeukoN1\_4\_C06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_C06\_A023 3',  
mRNA sequence.:Start:1:Stop:508

GBEQ1336 GenBank Acc|CD465406|Ver|CD465406.1  
GI:31386674|LeukoN1\_4\_G07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ1337 GenBank Acc|CD465403|Ver|CD465403.1  
GI:31386671|LeukoN1\_4\_F04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F04\_A023 3',  
mRNA sequence.:Start:1:Stop:135

GBEQ1338 GenBank Acc|CD465402|Ver|CD465402.1  
GI:31386670|LeukoN1\_4\_G06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G06\_A023 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ1339 GenBank Acc|CD465399|Ver|CD465399.1  
GI:31386667|LeukoN1\_4\_B05.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ1340 GenBank Acc|CD465387|Ver|CD465387.1  
GI:31386655|LeukoN1\_4\_E11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:733

GBEQ1341 GenBank Acc|CD465384|Ver|CD465384.1  
GI:31386652|LeukoN1\_4\_D11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ1342 GenBank Acc|CD465378|Ver|CD465378.1  
GI:31386646|LeukoN1\_4\_A12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1343 GenBank Acc|CD465377|Ver|CD465377.1  
GI:31386645|LeukoN1\_4\_A05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A05\_A023 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ1344 GenBank Acc|CD465375|Ver|CD465375.1  
GI:31386643|LeukoN1\_4\_F08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F08\_A023 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ1345 GenBank Acc|CD465324|Ver|CD465324.1  
GI:31386592|LeukoN1\_3\_H10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H10\_A023 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ1346 GenBank Acc|CD465323|Ver|CD465323.1  
GI:31386591|LeukoN1\_3\_G01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G01\_A023 3',  
mRNA sequence.:Start:1:Stop:262

GBEQ1347 GenBank Acc|CD465311|Ver|CD465311.1  
GI:31386579|LeukoN1\_3\_H11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:751

GBEQ1348 GenBank Acc|CD465310|Ver|CD465310.1  
GI:31386578|LeukoN1\_3\_G02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G02\_A023 3',  
mRNA sequence.:Start:1:Stop:416

GBEQ1349 GenBank Acc|CD465296|Ver|CD465296.1  
GI:31386564|LeukoN1\_3\_D05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:538

GBEQ1350 GenBank Acc|CD465291|Ver|CD465291.1  
GI:31386559|LeukoN1\_3\_H12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H12\_A023 3',  
mRNA sequence.:Start:1:Stop:705

GBEQ1351 GenBank Acc|CD465283|Ver|CD465283.1  
GI:31386551|LeukoN1\_3\_G12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G12\_A023 3',  
mRNA sequence.:Start:1:Stop:700

GBEQ1352 GenBank Acc|CD465176|Ver|CD465176.1  
GI:31386444|LeukoN1\_2\_H12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H12\_A023 3',  
mRNA sequence.:Start:1:Stop:662

GBEQ1353 GenBank Acc|CD465170|Ver|CD465170.1  
GI:31386438|LeukoN1\_2\_B09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B09\_A023 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ1354 GenBank Acc|CD465163|Ver|CD465163.1  
GI:31386431|LeukoN1\_2\_C10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_C10\_A023 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ1355 GenBank Acc|CD465150|Ver|CD465150.1  
GI:31386418|LeukoN1\_2\_B10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ1356 GenBank Acc|CD465149|Ver|CD465149.1  
GI:31386417|LeukoN1\_2\_E10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:519

GBEQ1357 GenBank Acc|CD465142|Ver|CD465142.1  
GI:31386410|LeukoN1\_2\_G12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G12\_A023 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ1358 GenBank Acc|CD465141|Ver|CD465141.1  
GI:31386409|LeukoN1\_2\_E01.b1\_A023 Unstimulated peripheral blood



leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E01\_A023 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ1359 GenBank Acc|CD465135|Ver|CD465135.1  
GI:31386403|LeukoN1\_2\_H01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H01\_A023 3',  
mRNA sequence.:Start:1:Stop:479

GBEQ1360 GenBank Acc|CD465134|Ver|CD465134.1  
GI:31386402|LeukoN1\_2\_G08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G08\_A023 3',  
mRNA sequence.:Start:1:Stop:668

GBEQ1361 GenBank Acc|CD465132|Ver|CD465132.1  
GI:31386400|LeukoN1\_2\_G06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G06\_A023 3',  
mRNA sequence.:Start:1:Stop:605

GBEQ1362 GenBank Acc|CD465127|Ver|CD465127.1  
GI:31386395|LeukoN1\_2\_B06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ1363 GenBank Acc|CD465125|Ver|CD465125.1  
GI:31386393|LeukoN1\_2\_H10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H10\_A023 3',  
mRNA sequence.:Start:1:Stop:363

GBEQ1364 GenBank Acc|CD465122|Ver|CD465122.1  
GI:31386390|LeukoN1\_2\_E12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E12\_A023 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ1365 GenBank Acc|CD465116|Ver|CD465116.1  
GI:31386384|LeukoN1\_2\_B07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B07\_A023 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ1366 GenBank Acc|CD465025|Ver|CD465025.1  
GI:31386293|LeukoN1\_1\_B10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:611

GBEQ1367 GenBank Acc|CD465019|Ver|CD465019.1  
GI:31386287|LeukoN1\_1\_B05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ1368 GenBank Acc|CD465012|Ver|CD465012.1  
GI:31386280|LeukoN1\_1\_F12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_F12\_A023 3',  
mRNA sequence.:Start:1:Stop:722

GBEQ1369 GenBank Acc|CD465010|Ver|CD465010.1  
GI:31386278|LeukoN1\_1\_E03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E03\_A023 3',  
mRNA sequence.:Start:1:Stop:566

GBEQ1370 GenBank Acc|CD465005|Ver|CD465005.1  
GI:31386273|LeukoN1\_1\_E11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ1371 GenBank Acc|CD464994|Ver|CD464994.1  
GI:31386262|LeukoN1\_1\_B01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B01\_A023 3',  
mRNA sequence.:Start:1:Stop:340

GBEQ1372 GenBank Acc|CD464991|Ver|CD464991.1  
GI:31386259|LeukoN1\_1\_E07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ1373 GenBank Acc|CD464989|Ver|CD464989.1  
GI:31386257|LeukoN1\_1\_E12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E12\_A023 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ1374 GenBank Acc|CD464981|Ver|CD464981.1  
GI:31386249|LeukoN1\_1\_B06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ1375 GenBank Acc|CD464977|Ver|CD464977.1  
GI:31386245|LeukoN1\_1\_D03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ1376 GenBank Acc|CD464972|Ver|CD464972.1  
GI:31386240|LeukoN1\_1\_D06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D06\_A023 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ1377 GenBank Acc|CD464969|Ver|CD464969.1  
GI:31386237|LeukoN1\_1\_E01.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E01\_A023 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ1378 GenBank Acc|CD464893|Ver|CD464893.1  
GI:31386161|LeukoN4\_5\_B09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B09\_A026 3',  
mRNA sequence.:Start:1:Stop:530

GBEQ1379 GenBank Acc|CD464892|Ver|CD464892.1  
GI:31386160|LeukoN4\_5\_G11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_G11\_A026 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ1380 GenBank Acc|CD464891|Ver|CD464891.1  
GI:31386159|LeukoN4\_5\_A10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A10\_A026 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ1381 GenBank Acc|CD464883|Ver|CD464883.1  
GI:31386151|LeukoN4\_5\_H02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_H02\_A026 3',  
mRNA sequence.:Start:1:Stop:328

GBEQ1382 GenBank Acc|CD464881|Ver|CD464881.1  
GI:31386149|LeukoN4\_5\_B01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B01\_A026 3',  
mRNA sequence.:Start:1:Stop:518

GBEQ1383 GenBank Acc|CD464878|Ver|CD464878.1  
GI:31386146|LeukoN4\_5\_E10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E10\_A026 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ1384 GenBank Acc|CD464877|Ver|CD464877.1  
GI:31386145|LeukoN4\_5\_F12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F12\_A026 3',  
mRNA sequence.:Start:1:Stop:340

GBEQ1385 GenBank Acc|CD464875|Ver|CD464875.1  
GI:31386143|LeukoN4\_5\_E03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:561

GBEQ1386 GenBank Acc|CD464870|Ver|CD464870.1  
GI:31386138|LeukoN4\_5\_B11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B11\_A026 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ1387 GenBank Acc|CD464866|Ver|CD464866.1  
GI:31386134|LeukoN4\_5\_B04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B04\_A026 3',  
mRNA sequence.:Start:1:Stop:455

GBEQ1388 GenBank Acc|CD464864|Ver|CD464864.1  
GI:31386132|LeukoN4\_5\_D11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_D11\_A026 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ1389 GenBank Acc|CD464860|Ver|CD464860.1  
GI:31386128|LeukoN4\_5\_F08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F08\_A026 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ1390 GenBank Acc|CD464852|Ver|CD464852.1  
GI:31386120|LeukoN4\_5\_H11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_H11\_A026 3',  
mRNA sequence.:Start:1:Stop:317

GBEQ1391 GenBank Acc|CD464848|Ver|CD464848.1  
GI:31386116|LeukoN4\_5\_D07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_D07\_A026 3',  
mRNA sequence.:Start:1:Stop:478

GBEQ1392 GenBank Acc|CD464843|Ver|CD464843.1  
GI:31386111|LeukoN4\_5\_A08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A08\_A026 3',  
mRNA sequence.:Start:1:Stop:447

GBEQ1393 GenBank Acc|CD464841|Ver|CD464841.1  
GI:31386109|LeukoN4\_5\_A11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A11\_A026 3',  
mRNA sequence.:Start:1:Stop:359

GBEQ1394 GenBank Acc|CD464831|Ver|CD464831.1  
GI:31386099|LeukoN4\_5\_E08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E08\_A026 3',  
mRNA sequence.:Start:1:Stop:357

GBEQ1395 GenBank Acc|CD464757|Ver|CD464757.1  
GI:31386025|LeukoN4\_6\_B02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B02\_A026 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ1396 GenBank Acc|CD464746|Ver|CD464746.1  
GI:31386014|LeukoN4\_6\_A10.b1\_A026 Unstimulated peripheral blood

leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_A10\_A026 3',  
mRNA sequence.:Start:1:Stop:499

GBEQ1397 GenBank Acc|CD464741|Ver|CD464741.1  
GI:31386009|LeukoN4\_6\_B05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B05\_A026 3',  
mRNA sequence.:Start:1:Stop:459

GBEQ1398 GenBank Acc|CD464732|Ver|CD464732.1  
GI:31386000|LeukoN4\_6\_E03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ1399 GenBank Acc|CD464720|Ver|CD464720.1  
GI:31385988|LeukoN4\_6\_F08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_F08\_A026 3',  
mRNA sequence.:Start:1:Stop:522

GBEQ1400 GenBank Acc|CD464718|Ver|CD464718.1  
GI:31385986|LeukoN4\_6\_A12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_A12\_A026 3',  
mRNA sequence.:Start:1:Stop:420

GBEQ1401 GenBank Acc|CD464717|Ver|CD464717.1  
GI:31385985|LeukoN4\_6\_G06.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_G06\_A026 3',  
mRNA sequence.:Start:1:Stop:491

GBEQ1402 GenBank Acc|CD464712|Ver|CD464712.1  
GI:31385980|LeukoN4\_6\_C12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_C12\_A026 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ1403 GenBank Acc|CD464703|Ver|CD464703.1  
GI:31385971|LeukoN4\_6\_F07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_F07\_A026 3',  
mRNA sequence.:Start:1:Stop:462

GBEQ1404 GenBank Acc|CD464702|Ver|CD464702.1  
GI:31385970|LeukoN4\_6\_G09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_G09\_A026 3',  
mRNA sequence.:Start:1:Stop:534

GBEQ1405 GenBank Acc|CD464595|Ver|CD464595.1  
GI:31385863|LeukoN4\_1\_F10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F10\_A026 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ1406 GenBank Acc|CD464594|Ver|CD464594.1  
GI:31385862|LeukoN4\_1\_F03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F03\_A026 3',  
mRNA sequence.:Start:1:Stop:493

GBEQ1407 GenBank Acc|CD464588|Ver|CD464588.1  
GI:31385856|LeukoN4\_1\_C11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_C11\_A026 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ1408 GenBank Acc|CD464587|Ver|CD464587.1  
GI:31385855|LeukoN4\_1\_H03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_H03\_A026 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ1409 GenBank Acc|CD464581|Ver|CD464581.1  
GI:31385849|LeukoN4\_1\_G08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_G08\_A026 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ1410 GenBank Acc|CD464579|Ver|CD464579.1  
GI:31385847|LeukoN4\_1\_B09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B09\_A026 3',  
mRNA sequence.:Start:1:Stop:576

GBEQ1411 GenBank Acc|CD464577|Ver|CD464577.1  
GI:31385845|LeukoN4\_1\_F02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F02\_A026 3',  
mRNA sequence.:Start:1:Stop:442

GBEQ1412 GenBank Acc|CD464576|Ver|CD464576.1  
GI:31385844|LeukoN4\_1\_B12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B12\_A026 3',  
mRNA sequence.:Start:1:Stop:234

GBEQ1413 GenBank Acc|CD464573|Ver|CD464573.1  
GI:31385841|LeukoN4\_1\_C07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_C07\_A026 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ1414 GenBank Acc|CD464568|Ver|CD464568.1  
GI:31385836|LeukoN4\_1\_B01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B01\_A026 3',  
mRNA sequence.:Start:1:Stop:181

GBEQ1415 GenBank Acc|CD464564|Ver|CD464564.1  
GI:31385832|LeukoN4\_1\_D01.b1\_A026 Unstimulated peripheral blood

leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D01\_A026 3',  
mRNA sequence.:Start:1:Stop:462

GBEQ1416 GenBank Acc|CD464554|Ver|CD464554.1  
GI:31385822|LeukoN4\_1\_G03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_G03\_A026 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ1417 GenBank Acc|CD464551|Ver|CD464551.1  
GI:31385819|LeukoN4\_1\_D08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D08\_A026 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ1418 GenBank Acc|CD464488|Ver|CD464488.1  
GI:31385756|LeukoN4\_4\_B01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B01\_A026 3',  
mRNA sequence.:Start:1:Stop:261

GBEQ1419 GenBank Acc|CD464487|Ver|CD464487.1  
GI:31385755|LeukoN4\_4\_C03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C03\_A026 3',  
mRNA sequence.:Start:1:Stop:681

GBEQ1420 GenBank Acc|CD464485|Ver|CD464485.1  
GI:31385753|LeukoN4\_4\_F09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_F09\_A026 3',  
mRNA sequence.:Start:1:Stop:417

GBEQ1421 GenBank Acc|CD464478|Ver|CD464478.1  
GI:31385746|LeukoN4\_4\_B08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B08\_A026 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ1422 GenBank Acc|CD464474|Ver|CD464474.1  
GI:31385742|LeukoN4\_4\_H05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_H05\_A026 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ1423 GenBank Acc|CD464472|Ver|CD464472.1  
GI:31385740|LeukoN4\_4\_B04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B04\_A026 3',  
mRNA sequence.:Start:1:Stop:688

GBEQ1424 GenBank Acc|CD464458|Ver|CD464458.1  
GI:31385726|LeukoN4\_4\_C12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C12\_A026 3',  
mRNA sequence.:Start:1:Stop:575

GBEQ1425 GenBank Acc|CD464453|Ver|CD464453.1  
GI:31385721|LeukoN4\_4\_E05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_E05\_A026 3',  
mRNA sequence.:Start:1:Stop:700

GBEQ1426 GenBank Acc|CD464441|Ver|CD464441.1  
GI:31385709|LeukoN4\_4\_D06.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_D06\_A026 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ1427 GenBank Acc|CD464440|Ver|CD464440.1  
GI:31385708|LeukoN4\_4\_E08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_E08\_A026 3',  
mRNA sequence.:Start:1:Stop:552

GBEQ1428 GenBank Acc|CD464438|Ver|CD464438.1  
GI:31385706|LeukoN4\_4\_A07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_A07\_A026 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ1429 GenBank Acc|CD464436|Ver|CD464436.1  
GI:31385704|LeukoN4\_4\_G11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_G11\_A026 3',  
mRNA sequence.:Start:1:Stop:436

GBEQ1430 GenBank Acc|CD464433|Ver|CD464433.1  
GI:31385701|LeukoN4\_4\_G04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_G04\_A026 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ1431 GenBank Acc|CD464366|Ver|CD464366.1  
GI:31385634|LeukoN4\_3\_F05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_F05\_A026 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ1432 GenBank Acc|CD464361|Ver|CD464361.1  
GI:31385629|LeukoN4\_3\_G10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G10\_A026 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ1433 GenBank Acc|CD464357|Ver|CD464357.1  
GI:31385625|LeukoN4\_3\_G03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G03\_A026 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ1434 GenBank Acc|CD464354|Ver|CD464354.1  
GI:31385622|LeukoN4\_3\_C06.b1\_A026 Unstimulated peripheral blood



leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C06\_A026 3',  
mRNA sequence.:Start:1:Stop:582

GBEQ1435 GenBank Acc|CD464350|Ver|CD464350.1  
GI:31385618|LeukoN4\_3\_D04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D04\_A026 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ1436 GenBank Acc|CD464343|Ver|CD464343.1  
GI:31385611|LeukoN4\_3\_C09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C09\_A026 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ1437 GenBank Acc|CD464341|Ver|CD464341.1  
GI:31385609|LeukoN4\_3\_C12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C12\_A026 3',  
mRNA sequence.:Start:1:Stop:465

GBEQ1438 GenBank Acc|CD464337|Ver|CD464337.1  
GI:31385605|LeukoN4\_3\_E09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_E09\_A026 3',  
mRNA sequence.:Start:1:Stop:627

GBEQ1439 GenBank Acc|CD464336|Ver|CD464336.1  
GI:31385604|LeukoN4\_3\_E12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_E12\_A026 3',  
mRNA sequence.:Start:1:Stop:579

GBEQ1440 GenBank Acc|CD464335|Ver|CD464335.1  
GI:31385603|LeukoN4\_3\_D03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D03\_A026 3',  
mRNA sequence.:Start:1:Stop:496

GBEQ1441 GenBank Acc|CD464332|Ver|CD464332.1  
GI:31385600|LeukoN4\_3\_G09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G09\_A026 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ1442 GenBank Acc|CD464327|Ver|CD464327.1  
GI:31385595|LeukoN4\_3\_H07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H07\_A026 3',  
mRNA sequence.:Start:1:Stop:495

GBEQ1443 GenBank Acc|CD464326|Ver|CD464326.1  
GI:31385594|LeukoN4\_3\_B06.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_B06\_A026 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ1444 GenBank Acc|CD464322|Ver|CD464322.1  
GI:31385590|LeukoN4\_3\_H03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H03\_A026 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ1445 GenBank Acc|CD464317|Ver|CD464317.1  
GI:31385585|LeukoN4\_3\_D02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D02\_A026 3',  
mRNA sequence.:Start:1:Stop:544

GBEQ1446 GenBank Acc|CD464221|Ver|CD464221.1  
GI:31385489|LeukoN4\_2\_B08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_B08\_A026 3',  
mRNA sequence.:Start:1:Stop:714

GBEQ1447 GenBank Acc|CD464210|Ver|CD464210.1  
GI:31385478|LeukoN4\_2\_H01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H01\_A026 3',  
mRNA sequence.:Start:1:Stop:613

GBEQ1448 GenBank Acc|CD464209|Ver|CD464209.1  
GI:31385477|LeukoN4\_2\_D11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_D11\_A026 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ1449 GenBank Acc|CD464206|Ver|CD464206.1  
GI:31385474|LeukoN4\_2\_E06.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_E06\_A026 3',  
mRNA sequence.:Start:1:Stop:504

GBEQ1450 GenBank Acc|CD464194|Ver|CD464194.1  
GI:31385462|LeukoN4\_2\_D10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_D10\_A026 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ1451 GenBank Acc|CD464185|Ver|CD464185.1  
GI:31385453|LeukoN4\_2\_G05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_G05\_A026 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ1452 GenBank Acc|CD464183|Ver|CD464183.1  
GI:31385451|LeukoN4\_2\_B06.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_B06\_A026 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ1453 GenBank Acc|CD464181|Ver|CD464181.1  
GI:31385449|LeukoN4\_2\_H10.b1\_A026 Unstimulated peripheral blood

leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H10\_A026 3',  
mRNA sequence.:Start:1:Stop:322

GBEQ1454 GenBank Acc|CD464178|Ver|CD464178.1  
GI:31385446|LeukoN4\_2\_H03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H03\_A026 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ1455 GenBank Acc|CD464177|Ver|CD464177.1  
GI:31385445|LeukoN4\_2\_B02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_B02\_A026 3',  
mRNA sequence.:Start:1:Stop:410

GBEQ1456 GenBank Acc|CD464154|Ver|CD464154.1  
GI:31385422|LeukoN4\_2\_H09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H09\_A026 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ1457 GenBank Acc|BM781437|Ver|BM781437.1  
GI:19129669|MLN1\_8\_A11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:638

GBEQ1458 GenBank Acc|BM781430|Ver|BM781430.1  
GI:19129662|MLN1\_8\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:59:Stop:635

GBEQ1459 GenBank Acc|BM781410|Ver|BM781410.1  
GI:19129642|MLN1\_8\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:617

GBEQ1460 GenBank Acc|BM781402|Ver|BM781402.1  
GI:19129634|MLN1\_8\_F05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:652

GBEQ1461 GenBank Acc|BM781399|Ver|BM781399.1  
GI:19129631|MLN1\_8\_F02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:43:Stop:611

GBEQ1462 GenBank Acc|BM781397|Ver|BM781397.1  
GI:19129629|MLN1\_8\_E12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:653

GBEQ1463 GenBank Acc|BM781394|Ver|BM781394.1  
GI:19129626|MLN1\_8\_F08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:64:Stop:621

GBEQ1464 GenBank Acc|BM781381|Ver|BM781381.1  
 GI:19129613|MLN1\_8\_H02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:11:Stop:605

GBEQ1465 GenBank Acc|BM781379|Ver|BM781379.1  
 GI:19129611|MLN1\_8\_H12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:636

GBEQ1466 GenBank Acc|BM781374|Ver|BM781374.1  
 GI:19129606|MLN1\_7\_A05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:109:Stop:645

GBEQ1467 GenBank Acc|BM781373|Ver|BM781373.1  
 GI:19129605|MLN1\_7\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:451

GBEQ1468 GenBank Acc|BM781371|Ver|BM781371.1  
 GI:19129603|MLN1\_7\_B04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:102:Stop:672

GBEQ1469 GenBank Acc|BM781359|Ver|BM781359.1  
 GI:19129591|MLN1\_7\_C02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:10:Stop:538

GBEQ1470 GenBank Acc|BM781358|Ver|BM781358.1  
 GI:19129590|MLN1\_7\_C09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:4:Stop:542

GBEQ1471 GenBank Acc|BM781357|Ver|BM781357.1  
 GI:19129589|MLN1\_7\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:3:Stop:577

GBEQ1472 GenBank Acc|BM781352|Ver|BM781352.1  
 GI:19129584|MLN1\_7\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:590

GBEQ1473 GenBank Acc|BM781350|Ver|BM781350.1  
 GI:19129582|MLN1\_7\_C11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:14:Stop:635

GBEQ1474 GenBank Acc|BM781343|Ver|BM781343.1  
 GI:19129575|MLN1\_7\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:11:Stop:144

GBEQ1475 GenBank Acc|BM781340|Ver|BM781340.1  
 GI:19129572|MLN1\_7\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:3:Stop:614

GBEQ1476 GenBank Acc|BM781331|Ver|BM781331.1  
 GI:19129563|MLN1\_7\_E05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:2:Stop:644

GBEQ1477 GenBank Acc|BM781330|Ver|BM781330.1  
 GI:19129562|MLN1\_7\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:20:Stop:625

GBEQ1478 GenBank Acc|BM781327|Ver|BM781327.1  
 GI:19129559|MLN1\_7\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:43:Stop:624

GBEQ1479 GenBank Acc|BM781320|Ver|BM781320.1  
 GI:19129552|MLN1\_7\_G03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:6:Stop:641

GBEQ1480 GenBank Acc|BM781317|Ver|BM781317.1  
 GI:19129549|MLN1\_7\_F12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:78:Stop:647

GBEQ1481 GenBank Acc|BM781310|Ver|BM781310.1  
 GI:19129542|MLN1\_7\_G07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:2:Stop:651

GBEQ1482 GenBank Acc|BM781308|Ver|BM781308.1  
 GI:19129540|MLN1\_7\_H10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:12:Stop:621

GBEQ1483 GenBank Acc|BM781301|Ver|BM781301.1  
 GI:19129533|MLN1\_6\_A07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:2:Stop:640

GBEQ1484 GenBank Acc|BM781299|Ver|BM781299.1  
 GI:19129531|MLN1\_6\_A05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:38:Stop:626

GBEQ1485 GenBank Acc|BM781298|Ver|BM781298.1  
 GI:19129530|MLN1\_6\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:315

GBEQ1486 GenBank Acc|BM781291|Ver|BM781291.1  
 GI:19129523|MLN1\_6\_B06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:654

GBEQ1487 GenBank Acc|BM781281|Ver|BM781281.1  
 GI:19129513|MLN1\_6\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:436

GBEQ1488 GenBank Acc|BM781267|Ver|BM781267.1  
GI:19129499|MLN1\_6\_D10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:25:Stop:653

GBEQ1489 GenBank Acc|BM781261|Ver|BM781261.1  
GI:19129493|MLN1\_6\_E04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:344

GBEQ1490 GenBank Acc|BM781257|Ver|BM781257.1  
GI:19129489|MLN1\_6\_F04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:476

GBEQ1491 GenBank Acc|BM781255|Ver|BM781255.1  
GI:19129487|MLN1\_6\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:654

GBEQ1492 GenBank Acc|BM781253|Ver|BM781253.1  
GI:19129485|MLN1\_6\_E11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:655

GBEQ1493 GenBank Acc|BM781251|Ver|BM781251.1  
GI:19129483|MLN1\_6\_F12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:585

GBEQ1494 GenBank Acc|BM781250|Ver|BM781250.1  
GI:19129482|MLN1\_6\_F11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:31:Stop:649

GBEQ1495 GenBank Acc|BM781233|Ver|BM781233.1  
GI:19129465|MLN1\_6\_H06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:524

GBEQ1496 GenBank Acc|BM781230|Ver|BM781230.1  
GI:19129462|MLN1\_6\_H08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:663

GBEQ1497 GenBank Acc|BM781223|Ver|BM781223.1  
GI:19129455|MLN1\_5\_F07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:20:Stop:594

GBEQ1498 GenBank Acc|BM781218|Ver|BM781218.1  
GI:19129450|MLN1\_5\_G05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:531

GBEQ1499 GenBank Acc|BM781217|Ver|BM781217.1  
GI:19129449|MLN1\_5\_G04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:56:Stop:527

GBEQ1500 GenBank Acc|BM781215|Ver|BM781215.1  
 GI:19129447|MLN1\_5\_G02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:3:Stop:500

GBEQ1501 GenBank Acc|BM781199|Ver|BM781199.1  
 GI:19129431|MLN1\_5\_A05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:29:Stop:619

GBEQ1502 GenBank Acc|BM781196|Ver|BM781196.1  
 GI:19129428|MLN1\_5\_A01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:7:Stop:505

GBEQ1503 GenBank Acc|BM781192|Ver|BM781192.1  
 GI:19129424|MLN1\_5\_A12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:28:Stop:662

GBEQ1504 GenBank Acc|BM781186|Ver|BM781186.1  
 GI:19129418|MLN1\_5\_B10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:4:Stop:656

GBEQ1505 GenBank Acc|BM781180|Ver|BM781180.1  
 GI:19129412|MLN1\_5\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:4:Stop:646

GBEQ1506 GenBank Acc|BM781179|Ver|BM781179.1  
 GI:19129411|MLN1\_5\_C05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:42:Stop:656

GBEQ1507 GenBank Acc|BM781177|Ver|BM781177.1  
 GI:19129409|MLN1\_5\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:11:Stop:423

GBEQ1508 GenBank Acc|BM781174|Ver|BM781174.1  
 GI:19129406|MLN1\_5\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:628

GBEQ1509 GenBank Acc|BM781173|Ver|BM781173.1  
 GI:19129405|MLN1\_5\_D03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:11:Stop:498

GBEQ1510 GenBank Acc|BM781163|Ver|BM781163.1  
 GI:19129395|MLN1\_5\_D09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:58:Stop:596

GBEQ1511 GenBank Acc|BM781162|Ver|BM781162.1  
 GI:19129394|MLN1\_5\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:7:Stop:642

GBEQ1512 GenBank Acc|BM781155|Ver|BM781155.1  
GI:19129387|MLN1\_5\_E04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:12:Stop:553

GBEQ1513 GenBank Acc|BM781154|Ver|BM781154.1  
GI:19129386|MLN1\_5\_E03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:21:Stop:562

GBEQ1514 GenBank Acc|BM781150|Ver|BM781150.1  
GI:19129382|MLN1\_5\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:392

GBEQ1515 GenBank Acc|BM781148|Ver|BM781148.1  
GI:19129380|MLN1\_5\_E10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:641

GBEQ1516 GenBank Acc|BM781147|Ver|BM781147.1  
GI:19129379|MLN1\_5\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:646

GBEQ1517 GenBank Acc|BM781141|Ver|BM781141.1  
GI:19129373|MLN1\_4\_A02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:111:Stop:494

GBEQ1518 GenBank Acc|BM781136|Ver|BM781136.1  
GI:19129368|MLN1\_4\_A12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:134:Stop:538

GBEQ1519 GenBank Acc|BM781128|Ver|BM781128.1  
GI:19129360|MLN1\_4\_B12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:43:Stop:636

GBEQ1520 GenBank Acc|BM781125|Ver|BM781125.1  
GI:19129357|MLN1\_4\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:578

GBEQ1521 GenBank Acc|BM781124|Ver|BM781124.1  
GI:19129356|MLN1\_4\_C01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:61:Stop:574

GBEQ1522 GenBank Acc|BM781123|Ver|BM781123.1  
GI:19129355|MLN1\_4\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:11:Stop:639

GBEQ1523 GenBank Acc|BM781120|Ver|BM781120.1  
GI:19129352|MLN1\_4\_C12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:28:Stop:663



GBEQ1524 GenBank Acc|BM781118|Ver|BM781118.1  
GI:19129350|MLN1\_4\_C09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:647

GBEQ1525 GenBank Acc|BM781115|Ver|BM781115.1  
GI:19129347|MLN1\_4\_D09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:112:Stop:608

GBEQ1526 GenBank Acc|BM781110|Ver|BM781110.1  
GI:19129342|MLN1\_4\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:660

GBEQ1527 GenBank Acc|BM781104|Ver|BM781104.1  
GI:19129336|MLN1\_4\_F03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:93:Stop:610

GBEQ1528 GenBank Acc|BM781099|Ver|BM781099.1  
GI:19129331|MLN1\_4\_E10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:637

GBEQ1529 GenBank Acc|BM781098|Ver|BM781098.1  
GI:19129330|MLN1\_4\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:650

GBEQ1530 GenBank Acc|BM781081|Ver|BM781081.1  
GI:19129313|MLN1\_4\_H03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:50:Stop:535

GBEQ1531 GenBank Acc|BM781077|Ver|BM781077.1  
GI:19129309|MLN1\_4\_G10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:668

GBEQ1532 GenBank Acc|BM781075|Ver|BM781075.1  
GI:19129307|MLN1\_4\_H04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:583

GBEQ1533 GenBank Acc|BM781073|Ver|BM781073.1  
GI:19129305|MLN1\_4\_H08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:122

GBEQ1534 GenBank Acc|BM781064|Ver|BM781064.1  
GI:19129296|MLN1\_3\_F07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:59:Stop:279

GBEQ1535 GenBank Acc|BM781051|Ver|BM781051.1  
GI:19129283|MLN1\_3\_H10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:658

GBEQ1536 GenBank Acc|BM781050|Ver|BM781050.1  
 GI:19129282|MLN1\_3\_H08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:664

GBEQ1537 GenBank Acc|BM781045|Ver|BM781045.1  
 GI:19129277|MLN1\_3\_A03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:12:Stop:593

GBEQ1538 GenBank Acc|BM781043|Ver|BM781043.1  
 GI:19129275|MLN1\_3\_A09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:665

GBEQ1539 GenBank Acc|BM781042|Ver|BM781042.1  
 GI:19129274|MLN1\_3\_A07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:4:Stop:650

GBEQ1540 GenBank Acc|BM781030|Ver|BM781030.1  
 GI:19129262|MLN1\_3\_B12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:29:Stop:657

GBEQ1541 GenBank Acc|BM781029|Ver|BM781029.1  
 GI:19129261|MLN1\_3\_B11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:82:Stop:645

GBEQ1542 GenBank Acc|BM781028|Ver|BM781028.1  
 GI:19129260|MLN1\_3\_B10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:2:Stop:655

GBEQ1543 GenBank Acc|BM781027|Ver|BM781027.1  
 GI:19129259|MLN1\_3\_B09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:3:Stop:630

GBEQ1544 GenBank Acc|BM781023|Ver|BM781023.1  
 GI:19129255|MLN1\_3\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:2:Stop:643

GBEQ1545 GenBank Acc|BM781021|Ver|BM781021.1  
 GI:19129253|MLN1\_3\_C06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:20:Stop:654

GBEQ1546 GenBank Acc|BM781019|Ver|BM781019.1  
 GI:19129251|MLN1\_3\_C04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:80:Stop:592

GBEQ1547 GenBank Acc|BM781018|Ver|BM781018.1  
 GI:19129250|MLN1\_3\_C11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:64:Stop:671

GBEQ1548 GenBank Acc|BM781017|Ver|BM781017.1  
 GI:19129249|MLN1\_3\_D06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:9:Stop:658

GBEQ1549 GenBank Acc|BM781016|Ver|BM781016.1  
 GI:19129248|MLN1\_3\_D05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:32:Stop:671

GBEQ1550 GenBank Acc|BM781010|Ver|BM781010.1  
 GI:19129242|MLN1\_3\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:8:Stop:656

GBEQ1551 GenBank Acc|BM780999|Ver|BM780999.1  
 GI:19129231|MLN1\_2\_B02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:66:Stop:658

GBEQ1552 GenBank Acc|BM780993|Ver|BM780993.1  
 GI:19129225|MLN1\_2\_B04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:53:Stop:598

GBEQ1553 GenBank Acc|BM780975|Ver|BM780975.1  
 GI:19129207|MLN1\_2\_D09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:11:Stop:609

GBEQ1554 GenBank Acc|BM780973|Ver|BM780973.1  
 GI:19129205|MLN1\_2\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:8:Stop:650

GBEQ1555 GenBank Acc|BM780972|Ver|BM780972.1  
 GI:19129204|MLN1\_2\_E08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:25:Stop:565

GBEQ1556 GenBank Acc|BM780967|Ver|BM780967.1  
 GI:19129199|MLN1\_2\_E02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:1:Stop:471

GBEQ1557 GenBank Acc|BM780965|Ver|BM780965.1  
 GI:19129197|MLN1\_2\_F03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:14:Stop:138

GBEQ1558 GenBank Acc|BM780964|Ver|BM780964.1  
 GI:19129196|MLN1\_2\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:49:Stop:647

GBEQ1559 GenBank Acc|BM780959|Ver|BM780959.1  
 GI:19129191|MLN1\_2\_G09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
 caballus cDNA , mRNA sequence.:Start:8:Stop:592

GBEQ1560 GenBank Acc|BM780957|Ver|BM780957.1  
GI:19129189|MLN1\_2\_G05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:137:Stop:277

GBEQ1561 GenBank Acc|BM780948|Ver|BM780948.1  
GI:19129180|MLN1\_2\_H11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:190:Stop:594

GBEQ1562 GenBank Acc|BM780934|Ver|BM780934.1  
GI:19129166|MLN1\_1\_B04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:14:Stop:423

GBEQ1563 GenBank Acc|BM780926|Ver|BM780926.1  
GI:19129158|MLN1\_1\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:18:Stop:506

GBEQ1564 GenBank Acc|BM780925|Ver|BM780925.1  
GI:19129157|MLN1\_1\_C10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:398

GBEQ1565 GenBank Acc|BM780923|Ver|BM780923.1  
GI:19129155|MLN1\_1\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:75:Stop:485

GBEQ1566 GenBank Acc|BM780916|Ver|BM780916.1  
GI:19129148|MLN1\_1\_D02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:40:Stop:442

GBEQ1567 GenBank Acc|BM780906|Ver|BM780906.1  
GI:19129138|MLN1\_1\_E06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:55:Stop:496

GBEQ1568 GenBank Acc|BM780895|Ver|BM780895.1  
GI:19129127|MLN1\_1\_F07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:442

GBEQ1569 GenBank Acc|BM780892|Ver|BM780892.1  
GI:19129124|MLN1\_1\_G04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:31:Stop:464

GBEQ1570 GenBank Acc|BM780887|Ver|BM780887.1  
GI:19129119|MLN1\_1\_G08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:414

GBEQ1571 GenBank Acc|BM780878|Ver|BM780878.1  
GI:19129110|MLN1\_1\_H09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:407

GBEQ1572 GenBank Acc|BM780870|Ver|BM780870.1  
GI:19129102|APL1\_9\_E09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:555

GBEQ1573 GenBank Acc|BM780869|Ver|BM780869.1  
GI:19129101|APL1\_9\_F04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:35:Stop:586

GBEQ1574 GenBank Acc|BM780865|Ver|BM780865.1  
GI:19129097|APL1\_9\_E12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:456

GBEQ1575 GenBank Acc|BM780862|Ver|BM780862.1  
GI:19129094|APL1\_9\_F06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:5:Stop:589.

GBEQ1576 GenBank Acc|BM780858|Ver|BM780858.1  
GI:19129090|APL1\_9\_F10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:422

GBEQ1577 GenBank Acc|BM780852|Ver|BM780852.1  
GI:19129084|APL1\_9\_G10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:5:Stop:647

GBEQ1578 GenBank Acc|BM780848|Ver|BM780848.1  
GI:19129080|APL1\_9\_G06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:603.

GBEQ1579 GenBank Acc|BM780847|Ver|BM780847.1  
GI:19129079|APL1\_9\_G05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:650

GBEQ1580 GenBank Acc|BM780844|Ver|BM780844.1  
GI:19129076|APL1\_9\_H08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:628

GBEQ1581 GenBank Acc|BM780839|Ver|BM780839.1  
GI:19129071|APL1\_9\_H03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:241

GBEQ1582 GenBank Acc|BM780834|Ver|BM780834.1  
GI:19129066|APL1\_9\_H11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:643

GBEQ1583 GenBank Acc|BM780830|Ver|BM780830.1  
GI:19129062|APL1\_9\_A07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:29:Stop:645

GBEQ1584 GenBank Acc|BM780827|Ver|BM780827.1  
GI:19129059|APL1\_9\_A05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:281

GBEQ1585 GenBank Acc|BM780825|Ver|BM780825.1  
GI:19129057|APL1\_9\_B01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:515

GBEQ1586 GenBank Acc|BM780824|Ver|BM780824.1  
GI:19129056|APL1\_9\_A12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:294

GBEQ1587 GenBank Acc|BM780817|Ver|BM780817.1  
GI:19129049|APL1\_9\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:353

GBEQ1588 GenBank Acc|BM780808|Ver|BM780808.1  
GI:19129040|APL1\_9\_C04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:42:Stop:615

GBEQ1589 GenBank Acc|BM780804|Ver|BM780804.1  
GI:19129036|APL1\_9\_C11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:352

GBEQ1590 GenBank Acc|BM780799|Ver|BM780799.1  
GI:19129031|APL1\_9\_C07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:18:Stop:620

GBEQ1591 GenBank Acc|BM780797|Ver|BM780797.1  
GI:19129029|APL1\_9\_D03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:27:Stop:527

GBEQ1592 GenBank Acc|BM780793|Ver|BM780793.1  
GI:19129025|APL1\_9\_D10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:540

GBEQ1593 GenBank Acc|BM780792|Ver|BM780792.1  
GI:19129024|APL1\_9\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:434

GBEQ1594 GenBank Acc|BM780791|Ver|BM780791.1  
GI:19129023|APL1\_9\_D08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:44:Stop:633

GBEQ1595 GenBank Acc|BM780787|Ver|BM780787.1  
GI:19129019|APL1\_9\_E02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:465

GBEQ1596 GenBank Acc|BM780786|Ver|BM780786.1  
GI:19129018|APL1\_9\_D11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:643

GBEQ1597 GenBank Acc|BM780779|Ver|BM780779.1  
GI:19129011|APL1\_8\_A08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:635

GBEQ1598 GenBank Acc|BM780776|Ver|BM780776.1  
GI:19129008|APL1\_8\_A06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:434

GBEQ1599 GenBank Acc|BM780768|Ver|BM780768.1  
GI:19129000|APL1\_8\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:41:Stop:619

GBEQ1600 GenBank Acc|BM780766|Ver|BM780766.1  
GI:19128998|APL1\_8\_B08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:167

GBEQ1601 GenBank Acc|BM780756|Ver|BM780756.1  
GI:19128988|APL1\_8\_C08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:630

GBEQ1602 GenBank Acc|BM780752|Ver|BM780752.1  
GI:19128984|APL1\_8\_C12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:170:Stop:434

GBEQ1603 GenBank Acc|BM780749|Ver|BM780749.1  
GI:19128981|APL1\_8\_D01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:548

GBEQ1604 GenBank Acc|BM780746|Ver|BM780746.1  
GI:19128978|APL1\_8\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:636

GBEQ1605 GenBank Acc|BM780744|Ver|BM780744.1  
GI:19128976|APL1\_8\_D07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:635

GBEQ1606 GenBank Acc|BM780743|Ver|BM780743.1  
GI:19128975|APL1\_8\_E03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:27:Stop:587

GBEQ1607 GenBank Acc|BM780742|Ver|BM780742.1  
GI:19128974|APL1\_8\_D11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:642

GBEQ1608 GenBank Acc|BM780741|Ver|BM780741.1  
GI:19128973|APL1\_8\_E02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:26:Stop:437

GBEQ1609 GenBank Acc|BM780730|Ver|BM780730.1  
GI:19128962|APL1\_8\_F06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:533

GBEQ1610 GenBank Acc|BM780729|Ver|BM780729.1  
GI:19128961|APL1\_8\_F02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:60:Stop:642

GBEQ1611 GenBank Acc|BM780722|Ver|BM780722.1  
GI:19128954|APL1\_8\_F08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:626

GBEQ1612 GenBank Acc|BM780712|Ver|BM780712.1  
GI:19128944|APL1\_8\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:314

GBEQ1613 GenBank Acc|BM780709|Ver|BM780709.1  
GI:19128941|APL1\_8\_H02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:500

GBEQ1614 GenBank Acc|BM780708|Ver|BM780708.1  
GI:19128940|APL1\_8\_H01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:477

GBEQ1615 GenBank Acc|BM780704|Ver|BM780704.1  
GI:19128936|APL1\_8\_H07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:560

GBEQ1616 GenBank Acc|BM780703|Ver|BM780703.1  
GI:19128935|APL1\_8\_H06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:452

GBEQ1617 GenBank Acc|BM780699|Ver|BM780699.1  
GI:19128931|APL1\_8\_H10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:6:Stop:629

GBEQ1618 GenBank Acc|BM780684|Ver|BM780684.1  
GI:19128916|APL1\_6\_B03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:557

GBEQ1619 GenBank Acc|BM780672|Ver|BM780672.1  
GI:19128904|APL1\_6\_C06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:625



GBEQ1620 GenBank Acc|BM780671|Ver|BM780671.1  
GI:19128903|APL1\_6\_C10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:34:Stop:534

GBEQ1621 GenBank Acc|BM780663|Ver|BM780663.1  
GI:19128895|APL1\_6\_C12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:623

GBEQ1622 GenBank Acc|BM780661|Ver|BM780661.1  
GI:19128893|APL1\_6\_D08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:471

GBEQ1623 GenBank Acc|BM780658|Ver|BM780658.1  
GI:19128890|APL1\_6\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:5:Stop:625

GBEQ1624 GenBank Acc|BM780650|Ver|BM780650.1  
GI:19128882|APL1\_6\_E10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:626

GBEQ1625 GenBank Acc|BM780649|Ver|BM780649.1  
GI:19128881|APL1\_6\_E09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:638

GBEQ1626 GenBank Acc|BM780648|Ver|BM780648.1  
GI:19128880|APL1\_6\_E08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:579

GBEQ1627 GenBank Acc|BM780636|Ver|BM780636.1  
GI:19128868|APL1\_6\_F12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:642

GBEQ1628 GenBank Acc|BM780634|Ver|BM780634.1  
GI:19128866|APL1\_6\_F10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:22:Stop:640

GBEQ1629 GenBank Acc|BM780631|Ver|BM780631.1  
GI:19128863|APL1\_6\_G05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:615

GBEQ1630 GenBank Acc|BM780628|Ver|BM780628.1  
GI:19128860|APL1\_6\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:92:Stop:225

GBEQ1631 GenBank Acc|BM780611|Ver|BM780611.1  
GI:19128843|APL1\_6\_H11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:555

GBEQ1632 GenBank Acc|BM780602|Ver|BM780602.1  
GI:19128834|APL1\_4\_B09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:655

GBEQ1633 GenBank Acc|BM780597|Ver|BM780597.1  
GI:19128829|APL1\_4\_B04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:52:Stop:622

GBEQ1634 GenBank Acc|BM780593|Ver|BM780593.1  
GI:19128825|APL1\_4\_C05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:531

GBEQ1635 GenBank Acc|BM780592|Ver|BM780592.1  
GI:19128824|APL1\_4\_C04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:91:Stop:666

GBEQ1636 GenBank Acc|BM780588|Ver|BM780588.1  
GI:19128820|APL1\_4\_B12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:8:Stop:655

GBEQ1637 GenBank Acc|BM780585|Ver|BM780585.1  
GI:19128817|APL1\_4\_D03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:45:Stop:556

GBEQ1638 GenBank Acc|BM780583|Ver|BM780583.1  
GI:19128815|APL1\_4\_D01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:514

GBEQ1639 GenBank Acc|BM780582|Ver|BM780582.1  
GI:19128814|APL1\_4\_C12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:644

GBEQ1640 GenBank Acc|BM780580|Ver|BM780580.1  
GI:19128812|APL1\_4\_C10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:24:Stop:601

GBEQ1641 GenBank Acc|BM780575|Ver|BM780575.1  
GI:19128807|APL1\_4\_D10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:13:Stop:629

GBEQ1642 GenBank Acc|BM780574|Ver|BM780574.1  
GI:19128806|APL1\_4\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:39:Stop:585

GBEQ1643 GenBank Acc|BM780573|Ver|BM780573.1  
GI:19128805|APL1\_4\_D08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:605

GBEQ1644 GenBank Acc|BM780572|Ver|BM780572.1  
GI:19128804|APL1\_4\_D07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:20:Stop:629

GBEQ1645 GenBank Acc|BM780570|Ver|BM780570.1  
GI:19128802|APL1\_4\_D05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:28:Stop:632

GBEQ1646 GenBank Acc|BM780568|Ver|BM780568.1  
GI:19128800|APL1\_4\_E08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:5:Stop:608

GBEQ1647 GenBank Acc|BM780567|Ver|BM780567.1  
GI:19128799|APL1\_4\_E07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:27:Stop:654

GBEQ1648 GenBank Acc|BM780566|Ver|BM780566.1  
GI:19128798|APL1\_4\_E06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:555

GBEQ1649 GenBank Acc|BM780565|Ver|BM780565.1  
GI:19128797|APL1\_4\_E04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:462

GBEQ1650 GenBank Acc|BM780561|Ver|BM780561.1  
GI:19128793|APL1\_4\_F03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:68:Stop:541

GBEQ1651 GenBank Acc|BM780560|Ver|BM780560.1  
GI:19128792|APL1\_4\_F02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:62:Stop:647

GBEQ1652 GenBank Acc|BM780552|Ver|BM780552.1  
GI:19128784|APL1\_4\_F12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:489

GBEQ1653 GenBank Acc|BM780549|Ver|BM780549.1  
GI:19128781|APL1\_4\_F09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:622

GBEQ1654 GenBank Acc|BM780548|Ver|BM780548.1  
GI:19128780|APL1\_4\_F08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:501

GBEQ1655 GenBank Acc|BM780547|Ver|BM780547.1  
GI:19128779|APL1\_4\_F07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:15:Stop:548

GBEQ1656 GenBank Acc|BM780546|Ver|BM780546.1  
GI:19128778|APL1\_4\_G03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:468

GBEQ1657 GenBank Acc|BM780538|Ver|BM780538.1  
GI:19128770|APL1\_4\_H07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:413

GBEQ1658 GenBank Acc|BM780533|Ver|BM780533.1  
GI:19128765|APL1\_4\_H02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:74:Stop:589

GBEQ1659 GenBank Acc|BM780519|Ver|BM780519.1  
GI:19128751|APL1\_3\_A07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:8:Stop:623

GBEQ1660 GenBank Acc|BM780518|Ver|BM780518.1  
GI:19128750|APL1\_3\_A06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:46:Stop:621

GBEQ1661 GenBank Acc|BM780513|Ver|BM780513.1  
GI:19128745|APL1\_3\_B04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:522

GBEQ1662 GenBank Acc|BM780511|Ver|BM780511.1  
GI:19128743|APL1\_3\_B02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:441

GBEQ1663 GenBank Acc|BM780495|Ver|BM780495.1  
GI:19128727|APL1\_3\_C05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:548

GBEQ1664 GenBank Acc|BM780475|Ver|BM780475.1  
GI:19128722|APL1\_3\_D03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:101:Stop:620

GBEQ1665 GenBank Acc|BM780469|Ver|BM780469.1  
GI:19128716|APL1\_3\_E01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:60:Stop:540

GBEQ1666 GenBank Acc|BM780466|Ver|BM780466.1  
GI:19128713|APL1\_3\_D10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:71:Stop:662

GBEQ1667 GenBank Acc|BM780493|Ver|BM780493.1  
GI:19128710|APL1\_3\_E11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:616

GBEQ1668 GenBank Acc|BM780492|Ver|BM780492.1  
GI:19128709|APL1\_3\_E09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:73:Stop:642

GBEQ1669 GenBank Acc|BM780491|Ver|BM780491.1  
GI:19128708|APL1\_3\_E08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:597

GBEQ1670 GenBank Acc|BM780487|Ver|BM780487.1  
GI:19128704|APL1\_3\_E12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:79:Stop:676

GBEQ1671 GenBank Acc|BM780485|Ver|BM780485.1  
GI:19128702|APL1\_3\_F06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:672

GBEQ1672 GenBank Acc|BM780483|Ver|BM780483.1  
GI:19128700|APL1\_3\_F04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:37:Stop:447

GBEQ1673 GenBank Acc|BM780480|Ver|BM780480.1  
GI:19128697|APL1\_3\_F01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:39:Stop:613

GBEQ1674 GenBank Acc|BM780463|Ver|BM780463.1  
GI:19128695|APL1\_3\_G03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:6:Stop:589

GBEQ1675 GenBank Acc|BM780462|Ver|BM780462.1  
GI:19128694|APL1\_3\_G02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:35:Stop:583

GBEQ1676 GenBank Acc|BM780461|Ver|BM780461.1  
GI:19128693|APL1\_3\_G01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:29:Stop:617

GBEQ1677 GenBank Acc|BM780459|Ver|BM780459.1  
GI:19128691|APL1\_3\_F11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:81:Stop:673

GBEQ1678 GenBank Acc|BM780455|Ver|BM780455.1  
GI:19128687|APL1\_3\_G11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:653

GBEQ1679 GenBank Acc|BM780449|Ver|BM780449.1  
GI:19128681|APL1\_3\_G05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:142:Stop:658

GBEQ1680 GenBank Acc|BM780448|Ver|BM780448.1  
GI:19128680|APL1\_3\_H07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:643

GBEQ1681 GenBank Acc|BM780447|Ver|BM780447.1  
GI:19128679|APL1\_3\_H06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:653

GBEQ1682 GenBank Acc|BM780444|Ver|BM780444.1  
GI:19128676|APL1\_3\_H03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:29:Stop:530

GBEQ1683 GenBank Acc|BM780440|Ver|BM780440.1  
GI:19128672|APL1\_3\_H11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:16:Stop:670

GBEQ1684 GenBank Acc|BM780439|Ver|BM780439.1  
GI:19128671|APL1\_3\_H10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:515

GBEQ1685 GenBank Acc|BM780438|Ver|BM780438.1  
GI:19128670|APL1\_3\_H09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:450

GBEQ1686 GenBank Acc|BM780435|Ver|BM780435.1  
GI:19128667|APL1\_2\_A04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:447

GBEQ1687 GenBank Acc|BM780434|Ver|BM780434.1  
GI:19128666|APL1\_2\_A03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:27:Stop:641

GBEQ1688 GenBank Acc|BM780432|Ver|BM780432.1  
GI:19128664|APL1\_2\_A01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:79:Stop:544

GBEQ1689 GenBank Acc|BM780426|Ver|BM780426.1  
GI:19128658|APL1\_2\_A10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:6:Stop:614

GBEQ1690 GenBank Acc|BM780424|Ver|BM780424.1  
GI:19128656|APL1\_2\_A08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:44:Stop:704

GBEQ1691 GenBank Acc|BM780421|Ver|BM780421.1  
GI:19128653|APL1\_2\_B09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:87:Stop:662

GBEQ1692 GenBank Acc|BM780416|Ver|BM780416.1  
GI:19128648|APL1\_2\_C05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:161:Stop:491

GBEQ1693 GenBank Acc|BM780412|Ver|BM780412.1  
GI:19128644|APL1\_2\_C01.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:205

GBEQ1694 GenBank Acc|BM780407|Ver|BM780407.1  
GI:19128639|APL1\_2\_C11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:29:Stop:627

GBEQ1695 GenBank Acc|BM780404|Ver|BM780404.1  
GI:19128636|APL1\_2\_D03.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:86:Stop:583

GBEQ1696 GenBank Acc|BM780398|Ver|BM780398.1  
GI:19128630|APL1\_2\_D04.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:78:Stop:420

GBEQ1697 GenBank Acc|BM780397|Ver|BM780397.1  
GI:19128629|APL1\_2\_D11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:8:Stop:620

GBEQ1698 GenBank Acc|BM780389|Ver|BM780389.1  
GI:19128621|APL1\_2\_F02.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:57:Stop:346

GBEQ1699 GenBank Acc|BM780387|Ver|BM780387.1  
GI:19128619|APL1\_2\_E12.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:4:Stop:674

GBEQ1700 GenBank Acc|BM780384|Ver|BM780384.1  
GI:19128616|APL1\_2\_E09.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:334

GBEQ1701 GenBank Acc|BM780383|Ver|BM780383.1  
GI:19128615|APL1\_2\_E08.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:132:Stop:645

GBEQ1702 GenBank Acc|BM780372|Ver|BM780372.1  
GI:19128604|APL1\_2\_G02.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:5:Stop:581

GBEQ1703 GenBank Acc|BM780371|Ver|BM780371.1  
GI:19128603|APL1\_2\_G01.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:48:Stop:424

GBEQ1704 GenBank Acc|BM780368|Ver|BM780368.1  
GI:19128600|APL1\_2\_H02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:460

GBEQ1705 GenBank Acc|BM780367|Ver|BM780367.1  
GI:19128599|APL1\_2\_H01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:470

GBEQ1706 GenBank Acc|BM780358|Ver|BM780358.1  
GI:19128590|APL1\_2\_H08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:511

GBEQ1707 GenBank Acc|BM780353|Ver|BM780353.1  
GI:19128585|APL1\_2\_H11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:663

GBEQ1708 GenBank Acc|BM780352|Ver|BM780352.1  
GI:19128584|APL1\_2\_H12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:38:Stop:651

GBEQ1709 GenBank Acc|BM780349|Ver|BM780349.1  
GI:19128581|APL1\_1\_B08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:661

GBEQ1710 GenBank Acc|BM780348|Ver|BM780348.1  
GI:19128580|APL1\_1\_B07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:59:Stop:546

GBEQ1711 GenBank Acc|BM780346|Ver|BM780346.1  
GI:19128578|APL1\_1\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:368

GBEQ1712 GenBank Acc|BM780344|Ver|BM780344.1  
GI:19128576|APL1\_1\_B03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:171

GBEQ1713 GenBank Acc|BM780342|Ver|BM780342.1  
GI:19128574|APL1\_1\_B01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:515

GBEQ1714 GenBank Acc|BM780336|Ver|BM780336.1  
GI:19128568|APL1\_1\_A07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:669

GBEQ1715 GenBank Acc|BM780333|Ver|BM780333.1  
GI:19128565|APL1\_1\_A04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:84:Stop:321



GBEQ1716 GenBank Acc|BM780328|Ver|BM780328.1  
GI:19128560|APL1\_1\_C02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:576

GBEQ1717 GenBank Acc|BM780327|Ver|BM780327.1  
GI:19128559|APL1\_1\_C01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:574

GBEQ1718 GenBank Acc|BM780323|Ver|BM780323.1  
GI:19128555|APL1\_1\_C08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:586

GBEQ1719 GenBank Acc|BM780316|Ver|BM780316.1  
GI:19128548|APL1\_1\_D04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:426

GBEQ1720 GenBank Acc|BM780306|Ver|BM780306.1  
GI:19128538|APL1\_1\_D11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:617

GBEQ1721 GenBank Acc|BM780301|Ver|BM780301.1  
GI:19128533|APL1\_1\_E12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:47:Stop:659

GBEQ1722 GenBank Acc|BM780291|Ver|BM780291.1  
GI:19128523|APL1\_1\_F07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:89:Stop:642

GBEQ1723 GenBank Acc|BM780290|Ver|BM780290.1  
GI:19128522|APL1\_1\_F06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:602

GBEQ1724 GenBank Acc|BM780289|Ver|BM780289.1  
GI:19128521|APL1\_1\_F05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:565

GBEQ1725 GenBank Acc|BM780285|Ver|BM780285.1  
GI:19128517|APL1\_1\_F09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:583

GBEQ1726 GenBank Acc|BM780284|Ver|BM780284.1  
GI:19128516|APL1\_1\_G05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:266

GBEQ1727 GenBank Acc|BM780283|Ver|BM780283.1  
GI:19128515|APL1\_1\_G04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:445

GBEQ1728 GenBank Acc|BM780280|Ver|BM780280.1  
GI:19128512|APL1\_1\_F11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:631

GBEQ1729 GenBank Acc|BM780273|Ver|BM780273.1  
GI:19128505|APL1\_1\_G08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:426

GBEQ1730 GenBank Acc|BM780272|Ver|BM780272.1  
GI:19128504|APL1\_1\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:73:Stop:531

GBEQ1731 GenBank Acc|BM735616|Ver|BM735616.1  
GI:19056949|MONO1\_21\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:545

GBEQ1732 GenBank Acc|BM735613|Ver|BM735613.1  
GI:19056946|MONO1\_21\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:651

GBEQ1733 GenBank Acc|BM735612|Ver|BM735612.1  
GI:19056945|MONO1\_21\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:700

GBEQ1734 GenBank Acc|BM735599|Ver|BM735599.1  
GI:19056932|MONO1\_21\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:572

GBEQ1735 GenBank Acc|BM735594|Ver|BM735594.1  
GI:19056927|MONO1\_21\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:565

GBEQ1736 GenBank Acc|BM735590|Ver|BM735590.1  
GI:19056923|MONO1\_21\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:586

GBEQ1737 GenBank Acc|BM735587|Ver|BM735587.1  
GI:19056920|MONO1\_21\_D06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:426

GBEQ1738 GenBank Acc|BM735584|Ver|BM735584.1  
GI:19056917|MONO1\_21\_D03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:65:Stop:563

GBEQ1739 GenBank Acc|BM735582|Ver|BM735582.1  
GI:19056915|MONO1\_21\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:530

GBEQ1740 GenBank Acc|BM735576|Ver|BM735576.1  
GI:19056909|MONO1\_21\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:74:Stop:633

GBEQ1741 GenBank Acc|BM735575|Ver|BM735575.1  
GI:19056908|MONO1\_21\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:663

GBEQ1742 GenBank Acc|BM735572|Ver|BM735572.1  
GI:19056905|MONO1\_21\_E10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:617

GBEQ1743 GenBank Acc|BM735564|Ver|BM735564.1  
GI:19056897|MONO1\_21\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:404

GBEQ1744 GenBank Acc|BM735552|Ver|BM735552.1  
GI:19056885|MONO1\_21\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:13:Stop:641

GBEQ1745 GenBank Acc|BM735551|Ver|BM735551.1  
GI:19056884|MONO1\_21\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:652

GBEQ1746 GenBank Acc|BM735543|Ver|BM735543.1  
GI:19056876|MONO1\_21\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:74:Stop:665

GBEQ1747 GenBank Acc|BM735536|Ver|BM735536.1  
GI:19056869|MONO1\_21\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:104:Stop:645

GBEQ1748 GenBank Acc|BM735534|Ver|BM735534.1  
GI:19056867|MONO1\_21\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:512

GBEQ1749 GenBank Acc|BM735533|Ver|BM735533.1  
GI:19056866|MONO1\_21\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:573

GBEQ1750 GenBank Acc|BM735527|Ver|BM735527.1  
GI:19056860|MONO1\_19\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:580

GBEQ1751 GenBank Acc|BM735525|Ver|BM735525.1  
GI:19056858|MONO1\_19\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:26:Stop:648

GBEQ1752 GenBank Acc|BM735518|Ver|BM735518.1  
GI:19056851|MONO1\_19\_B06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:266

GBEQ1753 GenBank Acc|BM735512|Ver|BM735512.1  
GI:19056845|MONO1\_19\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:29:Stop:597

GBEQ1754 GenBank Acc|BM735511|Ver|BM735511.1  
GI:19056844|MONO1\_19\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:636

GBEQ1755 GenBank Acc|BM735508|Ver|BM735508.1  
GI:19056841|MONO1\_19\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:40:Stop:404

GBEQ1756 GenBank Acc|BM735504|Ver|BM735504.1  
GI:19056837|MONO1\_19\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:388

GBEQ1757 GenBank Acc|BM735498|Ver|BM735498.1  
GI:19056831|MONO1\_19\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:43:Stop:636

GBEQ1758 GenBank Acc|BM735497|Ver|BM735497.1  
GI:19056830|MONO1\_19\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:645

GBEQ1759 GenBank Acc|BM735494|Ver|BM735494.1  
GI:19056827|MONO1\_19\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:620

GBEQ1760 GenBank Acc|BM735491|Ver|BM735491.1  
GI:19056824|MONO1\_19\_E05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:41:Stop:663

GBEQ1761 GenBank Acc|BM735479|Ver|BM735479.1  
GI:19056812|MONO1\_19\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:604

GBEQ1762 GenBank Acc|BM735473|Ver|BM735473.1  
GI:19056806|MONO1\_19\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:462

GBEQ1763 GenBank Acc|BM735471|Ver|BM735471.1  
GI:19056804|MONO1\_19\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:28:Stop:645

GBEQ1764 GenBank Acc|BM735469|Ver|BM735469.1  
GI:19056802|MONO1\_19\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:355

GBEQ1765 GenBank Acc|BM735465|Ver|BM735465.1  
GI:19056798|MONO1\_19\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:433

GBEQ1766 GenBank Acc|BM735460|Ver|BM735460.1  
GI:19056793|MONO1\_19\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:96:Stop:237

GBEQ1767 GenBank Acc|BM735459|Ver|BM735459.1  
GI:19056792|MONO1\_19\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:654

GBEQ1768 GenBank Acc|BM735454|Ver|BM735454.1  
GI:19056787|MONO1\_19\_H09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:17:Stop:478

GBEQ1769 GenBank Acc|BM735452|Ver|BM735452.1  
GI:19056785|MONO1\_19\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:337

GBEQ1770 GenBank Acc|BM735448|Ver|BM735448.1  
GI:19056781|MONO1\_19\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:43:Stop:653

GBEQ1771 GenBank Acc|BM735447|Ver|BM735447.1  
GI:19056780|MONO1\_20\_E04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:452

GBEQ1772 GenBank Acc|BM735441|Ver|BM735441.1  
GI:19056774|MONO1\_20\_E05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:121:Stop:525

GBEQ1773 GenBank Acc|BM735440|Ver|BM735440.1  
GI:19056773|MONO1\_20\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:255

GBEQ1774 GenBank Acc|BM735438|Ver|BM735438.1  
GI:19056771|MONO1\_20\_F06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:465

GBEQ1775 GenBank Acc|BM735432|Ver|BM735432.1  
GI:19056765|MONO1\_20\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:536

GBEQ1776 GenBank Acc|BM735430|Ver|BM735430.1  
GI:19056763|MONO1\_20\_F12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:615

GBEQ1777 GenBank Acc|BM735424|Ver|BM735424.1  
GI:19056757|MONO1\_20\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:660

GBEQ1778 GenBank Acc|BM735419|Ver|BM735419.1  
GI:19056752|MONO1\_20\_G05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:65:Stop:602

GBEQ1779 GenBank Acc|BM735418|Ver|BM735418.1  
GI:19056751|MONO1\_20\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:624

GBEQ1780 GenBank Acc|BM735416|Ver|BM735416.1  
GI:19056749|MONO1\_20\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:411

GBEQ1781 GenBank Acc|BM735409|Ver|BM735409.1  
GI:19056742|MONO1\_20\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:581

GBEQ1782 GenBank Acc|BM735407|Ver|BM735407.1  
GI:19056740|MONO1\_20\_A05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:29:Stop:655

GBEQ1783 GenBank Acc|BM735400|Ver|BM735400.1  
GI:19056733|MONO1\_20\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:39:Stop:589

GBEQ1784 GenBank Acc|BM735399|Ver|BM735399.1  
GI:19056732|MONO1\_20\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:338

GBEQ1785 GenBank Acc|BM735398|Ver|BM735398.1  
GI:19056731|MONO1\_20\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:624

GBEQ1786 GenBank Acc|BM735392|Ver|BM735392.1  
GI:19056725|MONO1\_20\_B02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:23:Stop:573

GBEQ1787 GenBank Acc|BM735391|Ver|BM735391.1  
GI:19056724|MONO1\_20\_B07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:590

GBEQ1788 GenBank Acc|BM735387|Ver|BM735387.1  
GI:19056720|MONO1\_20\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1;Stop:462

GBEQ1789 GenBank Acc|BM735386|Ver|BM735386.1  
GI:19056719|MONO1\_20\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12;Stop:599

GBEQ1790 GenBank Acc|BM735385|Ver|BM735385.1  
GI:19056718|MONO1\_20\_C04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4;Stop:549

GBEQ1791 GenBank Acc|BM735384|Ver|BM735384.1  
GI:19056717|MONO1\_20\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1;Stop:222

GBEQ1792 GenBank Acc|BM735371|Ver|BM735371.1  
GI:19056704|MONO1\_20\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:48;Stop:582

GBEQ1793 GenBank Acc|BM735370|Ver|BM735370.1  
GI:19056703|MONO1\_20\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7;Stop:612

GBEQ1794 GenBank Acc|BM735368|Ver|BM735368.1  
GI:19056701|MONO1\_20\_D06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:13;Stop:591

GBEQ1795 GenBank Acc|BM735360|Ver|BM735360.1  
GI:19056693|MONO1\_20\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1;Stop:581

GBEQ1796 GenBank Acc|BM735359|Ver|BM735359.1  
GI:19056692|MONO1\_20\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:18;Stop:621

GBEQ1797 GenBank Acc|BM735358|Ver|BM735358.1  
GI:19056691|MONO1\_18\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1;Stop:578

GBEQ1798 GenBank Acc|BM735348|Ver|BM735348.1  
GI:19056681|MONO1\_18\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:20;Stop:645

GBEQ1799 GenBank Acc|BM735346|Ver|BM735346.1  
GI:19056679|MONO1\_18\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1;Stop:613

GBEQ1800 GenBank Acc|BM735342|Ver|BM735342.1  
GI:19056675|MONO1\_18\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:527

GBEQ1801 GenBank Acc|BM735339|Ver|BM735339.1  
GI:19056672|MONO1\_18\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:56:Stop:648

GBEQ1802 GenBank Acc|BM735330|Ver|BM735330.1  
GI:19056663|MONO1\_18\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:16:Stop:639

GBEQ1803 GenBank Acc|BM735326|Ver|BM735326.1  
GI:19056659|MONO1\_18\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:285

GBEQ1804 GenBank Acc|BM735324|Ver|BM735324.1  
GI:19056657|MONO1\_18\_C11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:594

GBEQ1805 GenBank Acc|BM735319|Ver|BM735319.1  
GI:19056652|MONO1\_18\_D12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:659

GBEQ1806 GenBank Acc|BM735318|Ver|BM735318.1  
GI:19056651|MONO1\_18\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:501

GBEQ1807 GenBank Acc|BM735312|Ver|BM735312.1  
GI:19056645|MONO1\_18\_E10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:188

GBEQ1808 GenBank Acc|BM735310|Ver|BM735310.1  
GI:19056643|MONO1\_18\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:581

GBEQ1809 GenBank Acc|BM735306|Ver|BM735306.1  
GI:19056639|MONO1\_18\_E04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:493

GBEQ1810 GenBank Acc|BM735305|Ver|BM735305.1  
GI:19056638|MONO1\_18\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:654

GBEQ1811 GenBank Acc|BM735291|Ver|BM735291.1  
GI:19056624|MONO1\_18\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:647



GBEQ1812 GenBank Acc|BM735285|Ver|BM735285.1  
GI:19056618|MONO1\_18\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:581

GBEQ1813 GenBank Acc|BM735280|Ver|BM735280.1  
GI:19056613|MONO1\_18\_H01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:25:Stop:571

GBEQ1814 GenBank Acc|BM735278|Ver|BM735278.1  
GI:19056611|MONO1\_18\_H06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:476

GBEQ1815 GenBank Acc|BM735275|Ver|BM735275.1  
GI:19056608|MONO1\_18\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:19:Stop:494

GBEQ1816 GenBank Acc|BM735274|Ver|BM735274.1  
GI:19056607|MONO1\_18\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:481

GBEQ1817 GenBank Acc|BM735272|Ver|BM735272.1  
GI:19056605|MONO1\_18\_H12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:17:Stop:612

GBEQ1818 GenBank Acc|BM735271|Ver|BM735271.1  
GI:19056604|MONO1\_18\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:25:Stop:640

GBEQ1819 GenBank Acc|BM735270|Ver|BM735270.1  
GI:19056603|MONO1\_17\_A02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:25:Stop:486

GBEQ1820 GenBank Acc|BM735264|Ver|BM735264.1  
GI:19056597|MONO1\_17\_A08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:605

GBEQ1821 GenBank Acc|BM735258|Ver|BM735258.1  
GI:19056591|MONO1\_17\_B07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:633

GBEQ1822 GenBank Acc|BM735255|Ver|BM735255.1  
GI:19056588|MONO1\_17\_B04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:177

GBEQ1823 GenBank Acc|BM735254|Ver|BM735254.1  
GI:19056587|MONO1\_17\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:43:Stop:621

GBEQ1824 GenBank Acc|BM735252|Ver|BM735252.1  
GI:19056585|MONO1\_17\_B01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:619

GBEQ1825 GenBank Acc|BM735238|Ver|BM735238.1  
GI:19056571|MONO1\_17\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:442

GBEQ1826 GenBank Acc|BM735237|Ver|BM735237.1  
GI:19056570|MONO1\_17\_C07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:334

GBEQ1827 GenBank Acc|BM735235|Ver|BM735235.1  
GI:19056568|MONO1\_17\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:506

GBEQ1828 GenBank Acc|BM735215|Ver|BM735215.1  
GI:19056548|MONO1\_17\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:530

GBEQ1829 GenBank Acc|BM735212|Ver|BM735212.1  
GI:19056545|MONO1\_17\_F06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:50:Stop:241

GBEQ1830 GenBank Acc|BM735208|Ver|BM735208.1  
GI:19056541|MONO1\_17\_G04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:348

GBEQ1831 GenBank Acc|BM735205|Ver|BM735205.1  
GI:19056538|MONO1\_17\_G07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:28:Stop:673

GBEQ1832 GenBank Acc|BM735203|Ver|BM735203.1  
GI:19056536|MONO1\_17\_H01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:181

GBEQ1833 GenBank Acc|BM735193|Ver|BM735193.1  
GI:19056526|MONO1\_17\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:66:Stop:647

GBEQ1834 GenBank Acc|BM735186|Ver|BM735186.1  
GI:19056519|MONO1\_16\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:20:Stop:519

GBEQ1835 GenBank Acc|BM735183|Ver|BM735183.1  
GI:19056516|MONO1\_16\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:637

GBEQ1836 GenBank Acc|BM735182|Ver|BM735182.1  
GI:19056515|MONO1\_16\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:481

GBEQ1837 GenBank Acc|BM735181|Ver|BM735181.1  
GI:19056514|MONO1\_16\_A08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:87:Stop:651

GBEQ1838 GenBank Acc|BM735180|Ver|BM735180.1  
GI:19056513|MONO1\_16\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:44:Stop:646

GBEQ1839 GenBank Acc|BM735164|Ver|BM735164.1  
GI:19056497|MONO1\_16\_C01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:69:Stop:335

GBEQ1840 GenBank Acc|BM735163|Ver|BM735163.1  
GI:19056496|MONO1\_16\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:116:Stop:601

GBEQ1841 GenBank Acc|BM735155|Ver|BM735155.1  
GI:19056488|MONO1\_16\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:648

GBEQ1842 GenBank Acc|BM735149|Ver|BM735149.1  
GI:19056482|MONO1\_16\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:617

GBEQ1843 GenBank Acc|BM735147|Ver|BM735147.1  
GI:19056480|MONO1\_16\_D07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:27:Stop:635

GBEQ1844 GenBank Acc|BM735144|Ver|BM735144.1  
GI:19056477|MONO1\_16\_D03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:17:Stop:607

GBEQ1845 GenBank Acc|BM735143|Ver|BM735143.1  
GI:19056476|MONO1\_16\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:23:Stop:662

GBEQ1846 GenBank Acc|BM735142|Ver|BM735142.1  
GI:19056475|MONO1\_16\_E06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:604

GBEQ1847 GenBank Acc|BM735138|Ver|BM735138.1  
GI:19056471|MONO1\_16\_E02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:32:Stop:661

GBEQ1848 GenBank Acc|BM735137|Ver|BM735137.1  
GI:19056470|MONO1\_16\_E01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:89:Stop:235

GBEQ1849 GenBank Acc|BM735132|Ver|BM735132.1  
GI:19056465|MONO1\_16\_F01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:41:Stop:602

GBEQ1850 GenBank Acc|BM735129|Ver|BM735129.1  
GI:19056462|MONO1\_16\_E10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:632

GBEQ1851 GenBank Acc|BM735127|Ver|BM735127.1  
GI:19056460|MONO1\_16\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:604

GBEQ1852 GenBank Acc|BM735123|Ver|BM735123.1  
GI:19056456|MONO1\_16\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:374

GBEQ1853 GenBank Acc|BM735121|Ver|BM735121.1  
GI:19056454|MONO1\_16\_F08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:621

GBEQ1854 GenBank Acc|BM735117|Ver|BM735117.1  
GI:19056450|MONO1\_16\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:491

GBEQ1855 GenBank Acc|BM735115|Ver|BM735115.1  
GI:19056448|MONO1\_16\_G07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:65:Stop:426

GBEQ1856 GenBank Acc|BM735113|Ver|BM735113.1  
GI:19056446|MONO1\_16\_G04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:527

GBEQ1857 GenBank Acc|BM735102|Ver|BM735102.1  
GI:19056435|MONO1\_16\_H06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:601

GBEQ1858 GenBank Acc|BM735098|Ver|BM735098.1  
GI:19056431|MONO1\_16\_H09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:252

GBEQ1859 GenBank Acc|BM735091|Ver|BM735091.1  
GI:19056424|MONO1\_23\_A03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:57:Stop:647

GBEQ1860 GenBank Acc|BM735084|Ver|BM735084.1  
GI:19056417|MONO1\_23\_B06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:614

GBEQ1861 GenBank Acc|BM735065|Ver|BM735065.1  
GI:19056398|MONO1\_23\_C07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:65:Stop:570

GBEQ1862 GenBank Acc|BM735064|Ver|BM735064.1  
GI:19056397|MONO1\_23\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:645

GBEQ1863 GenBank Acc|BM735062|Ver|BM735062.1  
GI:19056395|MONO1\_23\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:586

GBEQ1864 GenBank Acc|BM735057|Ver|BM735057.1  
GI:19056390|MONO1\_23\_D04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:15:Stop:610

GBEQ1865 GenBank Acc|BM735054|Ver|BM735054.1  
GI:19056387|MONO1\_23\_E06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:135:Stop:636

GBEQ1866 GenBank Acc|BM735035|Ver|BM735035.1  
GI:19056368|MONO1\_23\_F09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:302

GBEQ1867 GenBank Acc|BM735029|Ver|BM735029.1  
GI:19056362|MONO1\_23\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:571

GBEQ1868 GenBank Acc|BM735018|Ver|BM735018.1  
GI:19056351|MONO1\_23\_H01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:585

GBEQ1869 GenBank Acc|BM735017|Ver|BM735017.1  
GI:19056350|MONO1\_23\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:603

GBEQ1870 GenBank Acc|BM735016|Ver|BM735016.1  
GI:19056349|MONO1\_23\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:582

GBEQ1871 GenBank Acc|BM735011|Ver|BM735011.1  
GI:19056344|MONO1\_15\_A03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:602

GBEQ1872 GenBank Acc|BM735002|Ver|BM735002.1  
GI:19056335|MONO1\_15\_B04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:296

GBEQ1873 GenBank Acc|BM735001|Ver|BM735001.1  
GI:19056334|MONO1\_15\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:572

GBEQ1874 GenBank Acc|BM734996|Ver|BM734996.1  
GI:19056329|MONO1\_15\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:39:Stop:507

GBEQ1875 GenBank Acc|BM734995|Ver|BM734995.1  
GI:19056328|MONO1\_15\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:120:Stop:642

GBEQ1876 GenBank Acc|BM734988|Ver|BM734988.1  
GI:19056321|MONO1\_15\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:654

GBEQ1877 GenBank Acc|BM734975|Ver|BM734975.1  
GI:19056308|MONO1\_15\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:54:Stop:630

GBEQ1878 GenBank Acc|BM734972|Ver|BM734972.1  
GI:19056305|MONO1\_15\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:659

GBEQ1879 GenBank Acc|BM734969|Ver|BM734969.1  
GI:19056302|MONO1\_15\_F06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:416

GBEQ1880 GenBank Acc|BM734962|Ver|BM734962.1  
GI:19056295|MONO1\_15\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:37:Stop:532

GBEQ1881 GenBank Acc|BM734952|Ver|BM734952.1  
GI:19056285|MONO1\_15\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:649

GBEQ1882 GenBank Acc|BM734948|Ver|BM734948.1  
GI:19056281|MONO1\_15\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:540

GBEQ1883 GenBank Acc|BM734946|Ver|BM734946.1  
GI:19056279|MONO1\_14\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:34:Stop:597

GBEQ1884 GenBank Acc|BM734942|Ver|BM734942.1  
GI:19056275|MONO1\_14\_A04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:484

GBEQ1885 GenBank Acc|BM734940|Ver|BM734940.1  
GI:19056273|MONO1\_14\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:575

GBEQ1886 GenBank Acc|BM734936|Ver|BM734936.1  
GI:19056269|MONO1\_14\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:499

GBEQ1887 GenBank Acc|BM734933|Ver|BM734933.1  
GI:19056266|MONO1\_14\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:507

GBEQ1888 GenBank Acc|BM734932|Ver|BM734932.1  
GI:19056265|MONO1\_14\_B09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:650

GBEQ1889 GenBank Acc|BM734929|Ver|BM734929.1  
GI:19056262|MONO1\_14\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:615

GBEQ1890 GenBank Acc|BM734926|Ver|BM734926.1  
GI:19056259|MONO1\_14\_B12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:430

GBEQ1891 GenBank Acc|BM734924|Ver|BM734924.1  
GI:19056257|MONO1\_14\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:595

GBEQ1892 GenBank Acc|BM734923|Ver|BM734923.1  
GI:19056256|MONO1\_14\_C07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:654

GBEQ1893 GenBank Acc|BM734919|Ver|BM734919.1  
GI:19056252|MONO1\_14\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:573

GBEQ1894 GenBank Acc|BM734918|Ver|BM734918.1  
GI:19056251|MONO1\_14\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:663

GBEQ1895 GenBank Acc|BM734911|Ver|BM734911.1  
GI:19056244|MONO1\_14\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:15:Stop:612

GBEQ1896 GenBank Acc|BM734907|Ver|BM734907.1  
GI:19056240|MONO1\_14\_D07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:614

GBEQ1897 GenBank Acc|BM734901|Ver|BM734901.1  
GI:19056234|MONO1\_14\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:33:Stop:645

GBEQ1898 GenBank Acc|BM734900|Ver|BM734900.1  
GI:19056233|MONO1\_14\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:102:Stop:665

GBEQ1899 GenBank Acc|BM734896|Ver|BM734896.1  
GI:19056229|MONO1\_14\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:121:Stop:670

GBEQ1900 GenBank Acc|BM734890|Ver|BM734890.1  
GI:19056223|MONO1\_14\_F04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:55:Stop:592

GBEQ1901 GenBank Acc|BM734883|Ver|BM734883.1  
GI:19056216|MONO1\_14\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:52:Stop:642

GBEQ1902 GenBank Acc|BM734880|Ver|BM734880.1  
GI:19056213|MONO1\_14\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:636

GBEQ1903 GenBank Acc|BM734874|Ver|BM734874.1  
GI:19056207|MONO1\_14\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:101:Stop:554

GBEQ1904 GenBank Acc|BM734873|Ver|BM734873.1  
GI:19056206|MONO1\_14\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:17:Stop:645

GBEQ1905 GenBank Acc|BM734866|Ver|BM734866.1  
GI:19056199|MONO1\_14\_H12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:499

GBEQ1906 GenBank Acc|BM734862|Ver|BM734862.1  
GI:19056195|MONO1\_13\_A03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:46:Stop:663

GBEQ1907 GenBank Acc|BM734857|Ver|BM734857.1  
GI:19056190|MONO1\_13\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:401



GBEQ1908 GenBank Acc|BM734856|Ver|BM734856.1  
GI:19056189|MONO1\_13\_A05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:547

GBEQ1909 GenBank Acc|BM734855|Ver|BM734855.1  
GI:19056188|MONO1\_13\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:29:Stop:639

GBEQ1910 GenBank Acc|BM734850|Ver|BM734850.1  
GI:19056183|MONO1\_13\_B04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:474

GBEQ1911 GenBank Acc|BM734848|Ver|BM734848.1  
GI:19056181|MONO1\_13\_B02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:77:Stop:681

GBEQ1912 GenBank Acc|BM734845|Ver|BM734845.1  
GI:19056178|MONO1\_13\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:500

GBEQ1913 GenBank Acc|BM734843|Ver|BM734843.1  
GI:19056176|MONO1\_13\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:531

GBEQ1914 GenBank Acc|BM734839|Ver|BM734839.1  
GI:19056172|MONO1\_13\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:26:Stop:621

GBEQ1915 GenBank Acc|BM734837|Ver|BM734837.1  
GI:19056170|MONO1\_13\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:45:Stop:394

GBEQ1916 GenBank Acc|BM734834|Ver|BM734834.1  
GI:19056167|MONO1\_13\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:575

GBEQ1917 GenBank Acc|BM734832|Ver|BM734832.1  
GI:19056165|MONO1\_13\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:474

GBEQ1918 GenBank Acc|BM734829|Ver|BM734829.1  
GI:19056162|MONO1\_13\_D07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:30:Stop:602

GBEQ1919 GenBank Acc|BM734828|Ver|BM734828.1  
GI:19056161|MONO1\_13\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:79:Stop:583

GBEQ1920 GenBank Acc|BM734825|Ver|BM734825.1  
GI:19056158|MONO1\_13\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:642

GBEQ1921 GenBank Acc|BM734817|Ver|BM734817.1  
GI:19056150|MONO1\_13\_E10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:492

GBEQ1922 GenBank Acc|BM734812|Ver|BM734812.1  
GI:19056145|MONO1\_13\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:532

GBEQ1923 GenBank Acc|BM734804|Ver|BM734804.1  
GI:19056137|MONO1\_13\_G05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:678

GBEQ1924 GenBank Acc|BM734800|Ver|BM734800.1  
GI:19056133|MONO1\_13\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:30:Stop:550

GBEQ1925 GenBank Acc|BM734795|Ver|BM734795.1  
GI:19056128|MONO1\_13\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:603

GBEQ1926 GenBank Acc|BM734793|Ver|BM734793.1  
GI:19056126|MONO1\_13\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:386

GBEQ1927 GenBank Acc|BM734780|Ver|BM734780.1  
GI:19056113|MONO1\_12\_A02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:645

GBEQ1928 GenBank Acc|BM734777|Ver|BM734777.1  
GI:19056110|MONO1\_12\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:21:Stop:652

GBEQ1929 GenBank Acc|BM734770|Ver|BM734770.1  
GI:19056103|MONO1\_12\_B01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:72:Stop:546

GBEQ1930 GenBank Acc|BM734766|Ver|BM734766.1  
GI:19056099|MONO1\_12\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:514

GBEQ1931 GenBank Acc|BM734760|Ver|BM734760.1  
GI:19056093|MONO1\_12\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:590

GBEQ1932 GenBank Acc|BM734756|Ver|BM734756.1  
GI:19056089|MONO1\_12\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:559

GBEQ1933 GenBank Acc|BM734751|Ver|BM734751.1  
GI:19056084|MONO1\_12\_C07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:69:Stop:660

GBEQ1934 GenBank Acc|BM734745|Ver|BM734745.1  
GI:19056078|MONO1\_12\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:8:Stop:122

GBEQ1935 GenBank Acc|BM734744|Ver|BM734744.1  
GI:19056077|MONO1\_12\_D04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:479

GBEQ1936 GenBank Acc|BM734742|Ver|BM734742.1  
GI:19056075|MONO1\_12\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:499

GBEQ1937 GenBank Acc|BM734719|Ver|BM734719.1  
GI:19056052|MONO1\_12\_F12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:28:Stop:640

GBEQ1938 GenBank Acc|BM734718|Ver|BM734718.1  
GI:19056051|MONO1\_12\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:477

GBEQ1939 GenBank Acc|BM734713|Ver|BM734713.1  
GI:19056046|MONO1\_12\_G08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:517

GBEQ1940 GenBank Acc|BM734705|Ver|BM734705.1  
GI:19056038|MONO1\_12\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:631

GBEQ1941 GenBank Acc|BM734700|Ver|BM734700.1  
GI:19056033|MONO1\_12\_H12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:35:Stop:630

GBEQ1942 GenBank Acc|BM734697|Ver|BM734697.1  
GI:19056030|MONO1\_11\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:25:Stop:625

GBEQ1943 GenBank Acc|BM734696|Ver|BM734696.1  
GI:19056029|MONO1\_11\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:54:Stop:640

GBEQ1944 GenBank Acc|BM734694|Ver|BM734694.1  
GI:19056027|MONO1\_11\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:88:Stop:645

GBEQ1945 GenBank Acc|BM734692|Ver|BM734692.1  
GI:19056025|MONO1\_11\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:30:Stop:611

GBEQ1946 GenBank Acc|BM734690|Ver|BM734690.1  
GI:19056023|MONO1\_11\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:57:Stop:548

GBEQ1947 GenBank Acc|BM734681|Ver|BM734681.1  
GI:19056014|MONO1\_11\_G01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:78:Stop:542

GBEQ1948 GenBank Acc|BM734678|Ver|BM734678.1  
GI:19056011|MONO1\_11\_F08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:551

GBEQ1949 GenBank Acc|BM734676|Ver|BM734676.1  
GI:19056009|MONO1\_11\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:517

GBEQ1950 GenBank Acc|BM734671|Ver|BM734671.1  
GI:19056004|MONO1\_11\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:19:Stop:592

GBEQ1951 GenBank Acc|BM734666|Ver|BM734666.1  
GI:19055999|MONO1\_11\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:501

GBEQ1952 GenBank Acc|BM734661|Ver|BM734661.1  
GI:19055994|MONO1\_11\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:8:Stop:546

GBEQ1953 GenBank Acc|BM734658|Ver|BM734658.1  
GI:19055991|MONO1\_11\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:45:Stop:647

GBEQ1954 GenBank Acc|BM734656|Ver|BM734656.1  
GI:19055989|MONO1\_11\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:539

GBEQ1955 GenBank Acc|BM734653|Ver|BM734653.1  
GI:19055986|MONO1\_11\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:98:Stop:505

GBEQ1956 GenBank Acc|BM734647|Ver|BM734647.1  
GI:19055980|MONO1\_11\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:395

GBEQ1957 GenBank Acc|BM734646|Ver|BM734646.1  
GI:19055979|MONO1\_11\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:588

GBEQ1958 GenBank Acc|BM734645|Ver|BM734645.1  
GI:19055978|MONO1\_11\_C04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:540

GBEQ1959 GenBank Acc|BM734639|Ver|BM734639.1  
GI:19055972|MONO1\_11\_B09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:585

GBEQ1960 GenBank Acc|BM734638|Ver|BM734638.1  
GI:19055971|MONO1\_11\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:387

GBEQ1961 GenBank Acc|BM734634|Ver|BM734634.1  
GI:19055967|MONO1\_11\_B02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:315

GBEQ1962 GenBank Acc|BM734614|Ver|BM734614.1  
GI:19055947|MONO1\_10\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:579

GBEQ1963 GenBank Acc|BM734607|Ver|BM734607.1  
GI:19055940|MONO1\_10\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:543

GBEQ1964 GenBank Acc|BM734604|Ver|BM734604.1  
GI:19055937|MONO1\_10\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:555

GBEQ1965 GenBank Acc|BM734602|Ver|BM734602.1  
GI:19055935|MONO1\_10\_F12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:671

GBEQ1966 GenBank Acc|BM734599|Ver|BM734599.1  
GI:19055932|MONO1\_10\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:628

GBEQ1967 GenBank Acc|BM734596|Ver|BM734596.1  
GI:19055929|MONO1\_10\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:219

GBEQ1968 GenBank Acc|BM734593|Ver|BM734593.1  
GI:19055926|MONO1\_10\_E11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:643

GBEQ1969 GenBank Acc|BM734591|Ver|BM734591.1  
GI:19055924|MONO1\_10\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:496

GBEQ1970 GenBank Acc|BM734578|Ver|BM734578.1  
GI:19055911|MONO1\_10\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:516

GBEQ1971 GenBank Acc|BM734573|Ver|BM734573.1  
GI:19055906|MONO1\_10\_C11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:37:Stop:641

GBEQ1972 GenBank Acc|BM734567|Ver|BM734567.1  
GI:19055900|MONO1\_10\_C04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:550

GBEQ1973 GenBank Acc|BM734564|Ver|BM734564.1  
GI:19055897|MONO1\_10\_C01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:519

GBEQ1974 GenBank Acc|BM734559|Ver|BM734559.1  
GI:19055892|MONO1\_10\_B07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:246

GBEQ1975 GenBank Acc|BM734556|Ver|BM734556.1  
GI:19055889|MONO1\_10\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:362

GBEQ1976 GenBank Acc|BM734553|Ver|BM734553.1  
GI:19055886|MONO1\_10\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:128:Stop:525

GBEQ1977 GenBank Acc|BM734545|Ver|BM734545.1  
GI:19055878|MONO1\_9\_H12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:124

GBEQ1978 GenBank Acc|BM734540|Ver|BM734540.1  
GI:19055873|MONO1\_9\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:603

GBEQ1979 GenBank Acc|BM734534|Ver|BM734534.1  
GI:19055867|MONO1\_9\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:557

GBEQ1980 GenBank Acc|BM734515|Ver|BM734515.1  
 GI:19055848|MONO1\_9\_E11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:319

GBEQ1981 GenBank Acc|BM734513|Ver|BM734513.1  
 GI:19055846|MONO1\_9\_E09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:8:Stop:634

GBEQ1982 GenBank Acc|BM734511|Ver|BM734511.1  
 GI:19055844|MONO1\_9\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:8:Stop:557

GBEQ1983 GenBank Acc|BM734510|Ver|BM734510.1  
 GI:19055843|MONO1\_9\_E06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:452

GBEQ1984 GenBank Acc|BM734508|Ver|BM734508.1  
 GI:19055841|MONO1\_9\_E04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:8:Stop:522

GBEQ1985 GenBank Acc|BM734506|Ver|BM734506.1  
 GI:19055839|MONO1\_9\_E02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:47:Stop:604

GBEQ1986 GenBank Acc|BM734501|Ver|BM734501.1  
 GI:19055834|MONO1\_9\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:622

GBEQ1987 GenBank Acc|BM734464|Ver|BM734464.1  
 GI:19055811|MONO1\_9\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:249

GBEQ1988 GenBank Acc|BM734463|Ver|BM734463.1  
 GI:19055810|MONO1\_9\_B07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:673

GBEQ1989 GenBank Acc|BM734475|Ver|BM734475.1  
 GI:19055793|MONO1\_8\_D03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:652

GBEQ1990 GenBank Acc|BM734453|Ver|BM734453.1  
 GI:19055786|MONO1\_6\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:9:Stop:620

GBEQ1991 GenBank Acc|BM734452|Ver|BM734452.1  
 GI:19055785|MONO1\_6\_G07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:7:Stop:554

GBEQ1992 GenBank Acc|BM734442|Ver|BM734442.1  
 GI:19055775|MONO1\_6\_G07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:463

GBEQ1993 GenBank Acc|BI961950|Ver|BI961950.1  
 GI:16320153|MONO1\_8\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:530

GBEQ1994 GenBank Acc|BI961945|Ver|BI961945.1  
 GI:16320148|MONO1\_8\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:78:Stop:725

GBEQ1995 GenBank Acc|BI961940|Ver|BI961940.1  
 GI:16320143|MONO1\_8\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:423

GBEQ1996 GenBank Acc|BI961938|Ver|BI961938.1  
 GI:16320141|MONO1\_8\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:107:Stop:666

GBEQ1997 GenBank Acc|BI961931|Ver|BI961931.1  
 GI:16320134|MONO1\_8\_F04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:62:Stop:179

GBEQ1998 GenBank Acc|BI961930|Ver|BI961930.1  
 GI:16320133|MONO1\_8\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:657

GBEQ1999 GenBank Acc|BI961924|Ver|BI961924.1  
 GI:16320127|MONO1\_8\_E04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:575

GBEQ2000 GenBank Acc|BI961923|Ver|BI961923.1  
 GI:16320126|MONO1\_8\_E02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:544

GBEQ2001 GenBank Acc|BI961922|Ver|BI961922.1  
 GI:16320125|MONO1\_8\_D12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:735

GBEQ2002 GenBank Acc|BI961916|Ver|BI961916.1  
 GI:16320119|MONO1\_8\_D06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:7:Stop:557

GBEQ2003 GenBank Acc|BI961913|Ver|BI961913.1  
 GI:16320116|MONO1\_8\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:707



GBEQ2004 GenBank Acc|BI961910|Ver|BI961910.1  
 GI:16320113|MONO1\_8\_C07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:520

GBEQ2005 GenBank Acc|BI961907|Ver|BI961907.1  
 GI:16320110|MONO1\_8\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:91:Stop:602

GBEQ2006 GenBank Acc|BI961904|Ver|BI961904.1  
 GI:16320107|MONO1\_8\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:82:Stop:714

GBEQ2007 GenBank Acc|BI961900|Ver|BI961900.1  
 GI:16320103|MONO1\_8\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:59:Stop:697

GBEQ2008 GenBank Acc|BI961891|Ver|BI961891.1  
 GI:16320094|MONO1\_8\_A02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:7:Stop:555

GBEQ2009 GenBank Acc|BI961890|Ver|BI961890.1  
 GI:16320093|MONO1\_7\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:122:Stop:717

GBEQ2010 GenBank Acc|BI961879|Ver|BI961879.1  
 GI:16320082|MONO1\_7\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:63:Stop:608

GBEQ2011 GenBank Acc|BI961876|Ver|BI961876.1  
 GI:16320079|MONO1\_7\_G05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:100:Stop:557

GBEQ2012 GenBank Acc|BI961871|Ver|BI961871.1  
 GI:16320074|MONO1\_7\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:42:Stop:693

GBEQ2013 GenBank Acc|BI961870|Ver|BI961870.1  
 GI:16320073|MONO1\_7\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:23:Stop:640

GBEQ2014 GenBank Acc|BI961869|Ver|BI961869.1  
 GI:16320072|MONO1\_7\_F09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:56:Stop:652

GBEQ2015 GenBank Acc|BI961865|Ver|BI961865.1  
 GI:16320068|MONO1\_7\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:649

GBEQ2016 GenBank Acc|BI961864|Ver|BI961864.1  
 GI:16320067|MONO1\_7\_F04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:65:Stop:673

GBEQ2017 GenBank Acc|BI961862|Ver|BI961862.1  
 GI:16320065|MONO1\_7\_F01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:30:Stop:558

GBEQ2018 GenBank Acc|BI961860|Ver|BI961860.1  
 GI:16320063|MONO1\_7\_E11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:653

GBEQ2019 GenBank Acc|BI961854|Ver|BI961854.1  
 GI:16320057|MONO1\_7\_E01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:56:Stop:575

GBEQ2020 GenBank Acc|BI961853|Ver|BI961853.1  
 GI:16320056|MONO1\_7\_D12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:583

GBEQ2021 GenBank Acc|BI961850|Ver|BI961850.1  
 GI:16320053|MONO1\_7\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:123:Stop:703

GBEQ2022 GenBank Acc|BI961849|Ver|BI961849.1  
 GI:16320052|MONO1\_7\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:28:Stop:548

GBEQ2023 GenBank Acc|BI961842|Ver|BI961842.1  
 GI:16320045|MONO1\_7\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:96:Stop:631

GBEQ2024 GenBank Acc|BI961840|Ver|BI961840.1  
 GI:16320043|MONO1\_7\_C11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:10:Stop:708

GBEQ2025 GenBank Acc|BI961838|Ver|BI961838.1  
 GI:16320041|MONO1\_7\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:519

GBEQ2026 GenBank Acc|BI961835|Ver|BI961835.1  
 GI:16320038|MONO1\_7\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:83:Stop:543

GBEQ2027 GenBank Acc|BI961825|Ver|BI961825.1  
 GI:16320028|MONO1\_7\_B01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:521

GBEQ2028 GenBank Acc|BI961824|Ver|BI961824.1  
 GI:16320027|MONO1\_7\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:669

GBEQ2029 GenBank Acc|BI961823|Ver|BI961823.1  
 GI:16320026|MONO1\_7\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:105:Stop:662

GBEQ2030 GenBank Acc|BI961820|Ver|BI961820.1  
 GI:16320023|MONO1\_7\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:31:Stop:545

GBEQ2031 GenBank Acc|BI961818|Ver|BI961818.1  
 GI:16320021|MONO1\_7\_A03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:451

GBEQ2032 GenBank Acc|BI961817|Ver|BI961817.1  
 GI:16320020|MONO1\_7\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:61:Stop:573

GBEQ2033 GenBank Acc|BI961805|Ver|BI961805.1  
 GI:16320008|MONO1\_4\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:86:Stop:703

GBEQ2034 GenBank Acc|BI961803|Ver|BI961803.1  
 GI:16320006|MONO1\_4\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:72:Stop:627

GBEQ2035 GenBank Acc|BI961799|Ver|BI961799.1  
 GI:16320002|MONO1\_4\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:69:Stop:610

GBEQ2036 GenBank Acc|BI961798|Ver|BI961798.1  
 GI:16320001|MONO1\_4\_G01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:35:Stop:554

GBEQ2037 GenBank Acc|BI961795|Ver|BI961795.1  
 GI:16319998|MONO1\_4\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:35:Stop:652

GBEQ2038 GenBank Acc|BI961792|Ver|BI961792.1  
 GI:16319995|MONO1\_4\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:547

GBEQ2039 GenBank Acc|BI961789|Ver|BI961789.1  
 GI:16319992|MONO1\_4\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:9:Stop:676

GBEQ2040 GenBank Acc|BI961786|Ver|BI961786.1  
 GI:16319989|MONO1\_4\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:14:Stop:608

GBEQ2041 GenBank Acc|BI961774|Ver|BI961774.1  
 GI:16319977|MONO1\_4\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:500

GBEQ2042 GenBank Acc|BI961761|Ver|BI961761.1  
 GI:16319964|MONO1\_4\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:600

GBEQ2043 GenBank Acc|BI961759|Ver|BI961759.1  
 GI:16319962|MONO1\_4\_C04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:68:Stop:572

GBEQ2044 GenBank Acc|BI961750|Ver|BI961750.1  
 GI:16319953|MONO1\_4\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:443

GBEQ2045 GenBank Acc|BI961745|Ver|BI961745.1  
 GI:16319948|MONO1\_4\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:57:Stop:575

GBEQ2046 GenBank Acc|BI961743|Ver|BI961743.1  
 GI:16319946|MONO1\_4\_A08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:451

GBEQ2047 GenBank Acc|BI961742|Ver|BI961742.1  
 GI:16319945|MONO1\_4\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:62:Stop:480

GBEQ2048 GenBank Acc|BI961739|Ver|BI961739.1  
 GI:16319942|MONO1\_4\_A03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:443

GBEQ2049 GenBank Acc|BI961735|Ver|BI961735.1  
 GI:16319938|MONO1\_3\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:88:Stop:250

GBEQ2050 GenBank Acc|BI961732|Ver|BI961732.1  
 GI:16319935|MONO1\_3\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:22:Stop:365

GBEQ2051 GenBank Acc|BI961731|Ver|BI961731.1  
 GI:16319934|MONO1\_3\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:447

GBEQ2052 GenBank Acc|BI961725|Ver|BI961725.1  
 GI:16319928|MONO1\_3\_G05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:34:Stop:272

GBEQ2053 GenBank Acc|BI961722|Ver|BI961722.1  
 GI:16319925|MONO1\_3\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:109

GBEQ2054 GenBank Acc|BI961719|Ver|BI961719.1  
 GI:16319922|MONO1\_3\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:28:Stop:655

GBEQ2055 GenBank Acc|BI961718|Ver|BI961718.1  
 GI:16319921|MONO1\_3\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:487

GBEQ2056 GenBank Acc|BI961715|Ver|BI961715.1  
 GI:16319918|MONO1\_3\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:23:Stop:612

GBEQ2057 GenBank Acc|BI961709|Ver|BI961709.1  
 GI:16319912|MONO1\_3\_F01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:29:Stop:593

GBEQ2058 GenBank Acc|BI961708|Ver|BI961708.1  
 GI:16319911|MONO1\_3\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:589

GBEQ2059 GenBank Acc|BI961683|Ver|BI961683.1  
 GI:16319886|MONO1\_3\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:9:Stop:698

GBEQ2060 GenBank Acc|BI961682|Ver|BI961682.1  
 GI:16319885|MONO1\_3\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:455

GBEQ2061 GenBank Acc|BI961678|Ver|BI961678.1  
 GI:16319881|MONO1\_3\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:34:Stop:660

GBEQ2062 GenBank Acc|BI961674|Ver|BI961674.1  
 GI:16319877|MONO1\_3\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:492

GBEQ2063 GenBank Acc|BI961673|Ver|BI961673.1  
 GI:16319876|MONO1\_3\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:547

GBEQ2064 GenBank Acc|BI961671|Ver|BI961671.1  
 GI:16319874|MONO1\_3\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:665

GBEQ2065 GenBank Acc|BI961664|Ver|BI961664.1  
 GI:16319867|MONO1\_2\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:463

GBEQ2066 GenBank Acc|BI961661|Ver|BI961661.1  
 GI:16319864|MONO1\_2\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:690

GBEQ2067 GenBank Acc|BI961651|Ver|BI961651.1  
 GI:16319854|MONO1\_2\_F08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:11:Stop:501

GBEQ2068 GenBank Acc|BI961635|Ver|BI961635.1  
 GI:16319838|MONO1\_2\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:68:Stop:686

GBEQ2069 GenBank Acc|BI961633|Ver|BI961633.1  
 GI:16319836|MONO1\_2\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:48:Stop:594

GBEQ2070 GenBank Acc|BI961612|Ver|BI961612.1  
 GI:16319815|MONO1\_2\_A11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:38:Stop:653

GBEQ2071 GenBank Acc|BI961608|Ver|BI961608.1  
 GI:16319811|MONO1\_2\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:194:Stop:461

GBEQ2072 GenBank Acc|BI961607|Ver|BI961607.1  
 GI:16319810|MONO1\_2\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:63:Stop:619

GBEQ2073 GenBank Acc|BI961602|Ver|BI961602.1  
 GI:16319805|MONO1\_1\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:62:Stop:731

GBEQ2074 GenBank Acc|BI961600|Ver|BI961600.1  
 GI:16319803|MONO1\_1\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:561

GBEQ2075 GenBank Acc|BI961594|Ver|BI961594.1  
 GI:16319797|MONO1\_1\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:76:Stop:743

GBEQ2076 GenBank Acc|BI961590|Ver|BI961590.1  
 GI:16319793|MONO1\_1\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:33:Stop:729

GBEQ2077 GenBank Acc|BI961575|Ver|BI961575.1  
 GI:16319778|MONO1\_1\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:33:Stop:619

GBEQ2078 GenBank Acc|BI961571|Ver|BI961571.1  
 GI:16319774|MONO1\_1\_E02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:43:Stop:561

GBEQ2079 GenBank Acc|BI961570|Ver|BI961570.1  
 GI:16319773|MONO1\_1\_D12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:629

GBEQ2080 GenBank Acc|BI961567|Ver|BI961567.1  
 GI:16319770|MONO1\_1\_D08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:45:Stop:632

GBEQ2081 GenBank Acc|BI961566|Ver|BI961566.1  
 GI:16319769|MONO1\_1\_D07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:10:Stop:529

GBEQ2082 GenBank Acc|BI961564|Ver|BI961564.1  
 GI:16319767|MONO1\_1\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:714

GBEQ2083 GenBank Acc|BI961561|Ver|BI961561.1  
 GI:16319764|MONO1\_1\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:621

GBEQ2084 GenBank Acc|BI961560|Ver|BI961560.1  
 GI:16319763|MONO1\_1\_C11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:691

GBEQ2085 GenBank Acc|BI961559|Ver|BI961559.1  
 GI:16319762|MONO1\_1\_C10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:148:Stop:695

GBEQ2086 GenBank Acc|BI961557|Ver|BI961557.1  
 GI:16319760|MONO1\_1\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:586

GBEQ2087 GenBank Acc|BI961555|Ver|BI961555.1  
 GI:16319758|MONO1\_1\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:7:Stop:705

GBEQ2088 GenBank Acc|BI961518|Ver|BI961518.1  
 GI:16319735|MONO1\_6\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:179

GBEQ2089 GenBank Acc|BI961516|Ver|BI961516.1  
 GI:16319733|MONO1\_6\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:76:Stop:569

GBEQ2090 GenBank Acc|BI961513|Ver|BI961513.1  
 GI:16319730|MONO1\_6\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:40:Stop:659

GBEQ2091 GenBank Acc|BI961538|Ver|BI961538.1  
 GI:16319727|MONO1\_6\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:8:Stop:647

GBEQ2092 GenBank Acc|BI961535|Ver|BI961535.1  
 GI:16319724|MONO1\_6\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:629

GBEQ2093 GenBank Acc|BI961532|Ver|BI961532.1  
 GI:16319721|MONO1\_6\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:647

GBEQ2094 GenBank Acc|BI961508|Ver|BI961508.1  
 GI:16319711|MONO1\_6\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:11:Stop:545

GBEQ2095 GenBank Acc|BI961500|Ver|BI961500.1  
 GI:16319703|MONO1\_6\_D09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:31:Stop:630

GBEQ2096 GenBank Acc|BI961494|Ver|BI961494.1  
 GI:16319697|MONO1\_6\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:12:Stop:503

GBEQ2097 GenBank Acc|BI961491|Ver|BI961491.1  
 GI:16319694|MONO1\_6\_C11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:36:Stop:716

GBEQ2098 GenBank Acc|BI961486|Ver|BI961486.1  
 GI:16319689|MONO1\_6\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:572

GBEQ2099 GenBank Acc|BI961470|Ver|BI961470.1  
 GI:16319673|MONO1\_6\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:579



GBEQ2100 GenBank Acc|BI961467|Ver|BI961467.1  
GI:16319670|MONO1\_5\_H12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:105:Stop:694

GBEQ2101 GenBank Acc|BI961466|Ver|BI961466.1  
GI:16319669|MONO1\_5\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:678

GBEQ2102 GenBank Acc|BI961465|Ver|BI961465.1  
GI:16319668|MONO1\_5\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:611

GBEQ2103 GenBank Acc|BI961460|Ver|BI961460.1  
GI:16319663|MONO1\_5\_H01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:594

GBEQ2104 GenBank Acc|BI961459|Ver|BI961459.1  
GI:16319662|MONO1\_5\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:50:Stop:675

GBEQ2105 GenBank Acc|BI961458|Ver|BI961458.1  
GI:16319661|MONO1\_5\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:13:Stop:669

GBEQ2106 GenBank Acc|BI961456|Ver|BI961456.1  
GI:16319659|MONO1\_5\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:699

GBEQ2107 GenBank Acc|BI961455|Ver|BI961455.1  
GI:16319658|MONO1\_5\_G07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:264:Stop:581

GBEQ2108 GenBank Acc|BI961453|Ver|BI961453.1  
GI:16319656|MONO1\_5\_G05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:660

GBEQ2109 GenBank Acc|BI961451|Ver|BI961451.1  
GI:16319654|MONO1\_5\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:8:Stop:599

GBEQ2110 GenBank Acc|BI961447|Ver|BI961447.1  
GI:16319650|MONO1\_5\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:304

GBEQ2111 GenBank Acc|BI961443|Ver|BI961443.1  
GI:16319646|MONO1\_5\_F02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:31:Stop:611

GBEQ2112 GenBank Acc|BI961440|Ver|BI961440.1  
 GI:16319643|MONO1\_5\_E11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:120:Stop:624

GBEQ2113 GenBank Acc|BI961439|Ver|BI961439.1  
 GI:16319642|MONO1\_5\_E10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:11:Stop:600

GBEQ2114 GenBank Acc|BI961426|Ver|BI961426.1  
 GI:16319629|MONO1\_5\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:30:Stop:738

GBEQ2115 GenBank Acc|BI961422|Ver|BI961422.1  
 GI:16319625|MONO1\_5\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:63:Stop:737

GBEQ2116 GenBank Acc|BI961418|Ver|BI961418.1  
 GI:16319621|MONO1\_5\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:43:Stop:616

GBEQ2117 GenBank Acc|BI961414|Ver|BI961414.1  
 GI:16319617|MONO1\_5\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:17:Stop:499

GBEQ2118 GenBank Acc|BI961413|Ver|BI961413.1  
 GI:16319616|MONO1\_5\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:46:Stop:628

GBEQ2119 GenBank Acc|BI961412|Ver|BI961412.1  
 GI:16319615|MONO1\_5\_B12.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:547

GBEQ2120 GenBank Acc|BI961411|Ver|BI961411.1  
 GI:16319614|MONO1\_5\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:571

GBEQ2121 GenBank Acc|BI961410|Ver|BI961410.1  
 GI:16319613|MONO1\_5\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:42:Stop:656

GBEQ2122 GenBank Acc|BI961408|Ver|BI961408.1  
 GI:16319611|MONO1\_5\_B08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:11:Stop:547

GBEQ2123 GenBank Acc|BI961403|Ver|BI961403.1  
 GI:16319606|MONO1\_5\_B01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:432

GBEQ2124 GenBank Acc|BI961400|Ver|BI961400.1  
 GI:16319603|MONO1\_5\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:525

GBEQ2125 GenBank Acc|BI961389|Ver|BI961389.1  
 GI:16319592|MONO1\_4\_H04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:470

GBEQ2126 GenBank Acc|BI961386|Ver|BI961386.1  
 GI:16319589|MONO1\_4\_G12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:499

GBEQ2127 GenBank Acc|BI961376|Ver|BI961376.1  
 GI:16319579|MONO1\_4\_F10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:432

GBEQ2128 GenBank Acc|BI961370|Ver|BI961370.1  
 GI:16319573|MONO1\_4\_F03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:441

GBEQ2129 GenBank Acc|BI961367|Ver|BI961367.1  
 GI:16319570|MONO1\_4\_E12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:520

GBEQ2130 GenBank Acc|BI961361|Ver|BI961361.1  
 GI:16319564|MONO1\_4\_E05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:382

GBEQ2131 GenBank Acc|BI961352|Ver|BI961352.1  
 GI:16319555|MONO1\_4\_D07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:463

GBEQ2132 GenBank Acc|BI961347|Ver|BI961347.1  
 GI:16319550|MONO1\_4\_D02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:336

GBEQ2133 GenBank Acc|BI961340|Ver|BI961340.1  
 GI:16319543|MONO1\_4\_C06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:478

GBEQ2134 GenBank Acc|BI961323|Ver|BI961323.1  
 GI:16319526|MONO1\_4\_A08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:448

GBEQ2135 GenBank Acc|BI961317|Ver|BI961317.1  
 GI:16319520|MONO1\_8\_H06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:593

GBEQ2136 GenBank Acc|BI961312|Ver|BI961312.1  
 GI:16319515|MONO1\_8\_G12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:258

GBEQ2137 GenBank Acc|BI961310|Ver|BI961310.1  
 GI:16319513|MONO1\_8\_G08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:486

GBEQ2138 GenBank Acc|BI961307|Ver|BI961307.1  
 GI:16319510|MONO1\_8\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:523

GBEQ2139 GenBank Acc|BI961305|Ver|BI961305.1  
 GI:16319508|MONO1\_8\_G01.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:403

GBEQ2140 GenBank Acc|BI961304|Ver|BI961304.1  
 GI:16319507|MONO1\_8\_F11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:551

GBEQ2141 GenBank Acc|BI961294|Ver|BI961294.1  
 GI:16319497|MONO1\_8\_E12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:528

GBEQ2142 GenBank Acc|BI961286|Ver|BI961286.1  
 GI:16319489|MONO1\_8\_E02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:513

GBEQ2143 GenBank Acc|BI961284|Ver|BI961284.1  
 GI:16319487|MONO1\_8\_D12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:579

GBEQ2144 GenBank Acc|BI961283|Ver|BI961283.1  
 GI:16319486|MONO1\_8\_D11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:566

GBEQ2145 GenBank Acc|BI961282|Ver|BI961282.1  
 GI:16319485|MONO1\_8\_D10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:512

GBEQ2146 GenBank Acc|BI961269|Ver|BI961269.1  
 GI:16319472|MONO1\_8\_C06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:513

GBEQ2147 GenBank Acc|BI961259|Ver|BI961259.1  
 GI:16319462|MONO1\_8\_B05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:216

GBEQ2148 GenBank Acc|BI961258|Ver|BI961258.1  
GI:16319461|MONO1\_8\_B03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:428

GBEQ2149 GenBank Acc|BI961256|Ver|BI961256.1  
GI:16319459|MONO1\_8\_A12.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:536

GBEQ2150 GenBank Acc|BI961251|Ver|BI961251.1  
GI:16319454|MONO1\_8\_A07.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:546

GBEQ2151 GenBank Acc|BI961250|Ver|BI961250.1  
GI:16319453|MONO1\_8\_A03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:90:Stop:202

GBEQ2152 GenBank Acc|BI961242|Ver|BI961242.1  
GI:16319445|MONO1\_7\_G12.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:541

GBEQ2153 GenBank Acc|BI961238|Ver|BI961238.1  
GI:16319441|MONO1\_7\_G08.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:512

GBEQ2154 GenBank Acc|BI961237|Ver|BI961237.1  
GI:16319440|MONO1\_7\_G07.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:379

GBEQ2155 GenBank Acc|BI961236|Ver|BI961236.1  
GI:16319439|MONO1\_7\_G06.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:562

GBEQ2156 GenBank Acc|BI961235|Ver|BI961235.1  
GI:16319438|MONO1\_7\_G05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:445

GBEQ2157 GenBank Acc|BI961233|Ver|BI961233.1  
GI:16319436|MONO1\_7\_G03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:482

GBEQ2158 GenBank Acc|BI961227|Ver|BI961227.1  
GI:16319430|MONO1\_7\_F09.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:569

GBEQ2159 GenBank Acc|BI961220|Ver|BI961220.1  
GI:16319423|MONO1\_7\_F01.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:373

GBEQ2160 GenBank Acc|BI961218|Ver|BI961218.1  
 GI:16319421|MONO1\_7\_E11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:544

GBEQ2161 GenBank Acc|BI961217|Ver|BI961217.1  
 GI:16319420|MONO1\_7\_E10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:538

GBEQ2162 GenBank Acc|BI961208|Ver|BI961208.1  
 GI:16319411|MONO1\_7\_D09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:541

GBEQ2163 GenBank Acc|BI961207|Ver|BI961207.1  
 GI:16319410|MONO1\_7\_D08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:526

GBEQ2164 GenBank Acc|BI961206|Ver|BI961206.1  
 GI:16319409|MONO1\_7\_D07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:511

GBEQ2165 GenBank Acc|BI961199|Ver|BI961199.1  
 GI:16319402|MONO1\_7\_C11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:525

GBEQ2166 GenBank Acc|BI961198|Ver|BI961198.1  
 GI:16319401|MONO1\_7\_C09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:12:Stop:493

GBEQ2167 GenBank Acc|BI961196|Ver|BI961196.1  
 GI:16319399|MONO1\_7\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:540

GBEQ2168 GenBank Acc|BI961183|Ver|BI961183.1  
 GI:16319386|MONO1\_7\_B02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:450

GBEQ2169 GenBank Acc|BI961181|Ver|BI961181.1  
 GI:16319384|MONO1\_7\_A12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:571

GBEQ2170 GenBank Acc|BI961172|Ver|BI961172.1  
 GI:16319375|MONO1\_7\_A03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:399

GBEQ2171 GenBank Acc|BI961168|Ver|BI961168.1  
 GI:16319371|MONO1\_6\_H10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:346

GBEQ2172 GenBank Acc|BI961167|Ver|BI961167.1  
 GI:16319370|MONO1\_6\_H07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:38:Stop:503

GBEQ2173 GenBank Acc|BI961166|Ver|BI961166.1  
 GI:16319369|MONO1\_6\_H06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:547

GBEQ2174 GenBank Acc|BI961165|Ver|BI961165.1  
 GI:16319368|MONO1\_6\_H03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:529

GBEQ2175 GenBank Acc|BI961159|Ver|BI961159.1  
 GI:16319362|MONO1\_6\_G06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:449

GBEQ2176 GenBank Acc|BI961158|Ver|BI961158.1  
 GI:16319361|MONO1\_6\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:15:Stop:501

GBEQ2177 GenBank Acc|BI961156|Ver|BI961156.1  
 GI:16319359|MONO1\_6\_G02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:476

GBEQ2178 GenBank Acc|BI961152|Ver|BI961152.1  
 GI:16319355|MONO1\_6\_F10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:556

GBEQ2179 GenBank Acc|BI961146|Ver|BI961146.1  
 GI:16319349|MONO1\_6\_F04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:521

GBEQ2180 GenBank Acc|BI961126|Ver|BI961126.1  
 GI:16319329|MONO1\_6\_D02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:431

GBEQ2181 GenBank Acc|BI961121|Ver|BI961121.1  
 GI:16319324|MONO1\_6\_C09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:319

GBEQ2182 GenBank Acc|BI961117|Ver|BI961117.1  
 GI:16319320|MONO1\_6\_C04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:443

GBEQ2183 GenBank Acc|BI961114|Ver|BI961114.1  
 GI:16319317|MONO1\_6\_C01.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:124

GBEQ2184 GenBank Acc|BI961112|Ver|BI961112.1  
 GI:16319315|MONO1\_6\_B11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:571

GBEQ2185 GenBank Acc|BI961109|Ver|BI961109.1  
 GI:16319312|MONO1\_6\_B07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:590

GBEQ2186 GenBank Acc|BI961106|Ver|BI961106.1  
 GI:16319309|MONO1\_6\_B04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:450

GBEQ2187 GenBank Acc|BI961105|Ver|BI961105.1  
 GI:16319308|MONO1\_6\_B03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:447

GBEQ2188 GenBank Acc|BI961101|Ver|BI961101.1  
 GI:16319304|MONO1\_6\_A10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:545

GBEQ2189 GenBank Acc|BI961095|Ver|BI961095.1  
 GI:16319298|MONO1\_6\_A04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:517

GBEQ2190 GenBank Acc|BI961094|Ver|BI961094.1  
 GI:16319297|MONO1\_6\_A03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:411

GBEQ2191 GenBank Acc|BI961093|Ver|BI961093.1  
 GI:16319296|MONO1\_6\_A02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:321

GBEQ2192 GenBank Acc|BI961090|Ver|BI961090.1  
 GI:16319293|MONO1\_5\_H11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:605

GBEQ2193 GenBank Acc|BI961084|Ver|BI961084.1  
 GI:16319287|MONO1\_5\_H03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:525

GBEQ2194 GenBank Acc|BI961081|Ver|BI961081.1  
 GI:16319284|MONO1\_5\_G12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:484

GBEQ2195 GenBank Acc|BI961080|Ver|BI961080.1  
 GI:16319283|MONO1\_5\_G11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:599



GBEQ2196 GenBank Acc|BI961078|Ver|BI961078.1  
GI:16319281|MONO1\_5\_G09.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:511

GBEQ2197 GenBank Acc|BI961076|Ver|BI961076.1  
GI:16319279|MONO1\_5\_G07.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:479

GBEQ2198 GenBank Acc|BI961074|Ver|BI961074.1  
GI:16319277|MONO1\_5\_G05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:501

GBEQ2199 GenBank Acc|BI961069|Ver|BI961069.1  
GI:16319272|MONO1\_5\_F10.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:360

GBEQ2200 GenBank Acc|BI961063|Ver|BI961063.1  
GI:16319266|MONO1\_5\_F02.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:470

GBEQ2201 GenBank Acc|BI961062|Ver|BI961062.1  
GI:16319265|MONO1\_5\_F01.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:394

GBEQ2202 GenBank Acc|BI961061|Ver|BI961061.1  
GI:16319264|MONO1\_5\_E12.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:520

GBEQ2203 GenBank Acc|BI961054|Ver|BI961054.1  
GI:16319257|MONO1\_5\_E04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:564

GBEQ2204 GenBank Acc|BI961045|Ver|BI961045.1  
GI:16319248|MONO1\_5\_D05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:548

GBEQ2205 GenBank Acc|BI961038|Ver|BI961038.1  
GI:16319241|MONO1\_5\_C09.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:465

GBEQ2206 GenBank Acc|BI961037|Ver|BI961037.1  
GI:16319240|MONO1\_5\_C08.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:602

GBEQ2207 GenBank Acc|BI961033|Ver|BI961033.1  
GI:16319236|MONO1\_5\_C04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:446

GBEQ2208 GenBank Acc|BI961032|Ver|BI961032.1  
 GI:16319235|MONO1\_5\_C03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:497

GBEQ2209 GenBank Acc|BI961030|Ver|BI961030.1  
 GI:16319233|MONO1\_5\_C01.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:307

GBEQ2210 GenBank Acc|BI961029|Ver|BI961029.1  
 GI:16319232|MONO1\_5\_B12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:522

GBEQ2211 GenBank Acc|BI961025|Ver|BI961025.1  
 GI:16319228|MONO1\_5\_B08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:482

GBEQ2212 GenBank Acc|BI961024|Ver|BI961024.1  
 GI:16319227|MONO1\_5\_B06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:583

GBEQ2213 GenBank Acc|BI961018|Ver|BI961018.1  
 GI:16319221|MONO1\_5\_A11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:556

GBEQ2214 GenBank Acc|BI961016|Ver|BI961016.1  
 GI:16319219|MONO1\_5\_A09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:557

GBEQ2215 GenBank Acc|BI961015|Ver|BI961015.1  
 GI:16319218|MONO1\_5\_A08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:496

GBEQ2216 GenBank Acc|BI961012|Ver|BI961012.1  
 GI:16319215|MONO1\_5\_A05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:484

GBEQ2217 GenBank Acc|BI960997|Ver|BI960997.1  
 GI:16319200|MONO1\_3\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:545

GBEQ2218 GenBank Acc|BI960980|Ver|BI960980.1  
 GI:16319183|MONO1\_3\_E05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:532

GBEQ2219 GenBank Acc|BI960960|Ver|BI960960.1  
 GI:16319163|MONO1\_3\_B09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:576

GBEQ2220 GenBank Acc|BI960953|Ver|BI960953.1  
 GI:16319156|MONO1\_3\_A12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:542

GBEQ2221 GenBank Acc|BI960951|Ver|BI960951.1  
 GI:16319154|MONO1\_3\_A10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:445

GBEQ2222 GenBank Acc|BI960942|Ver|BI960942.1  
 GI:16319145|MONO1\_2\_H05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:40:Stop:438

GBEQ2223 GenBank Acc|BI960939|Ver|BI960939.1  
 GI:16319142|MONO1\_2\_G12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:530

GBEQ2224 GenBank Acc|BI960938|Ver|BI960938.1  
 GI:16319141|MONO1\_2\_G11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:532

GBEQ2225 GenBank Acc|BI960933|Ver|BI960933.1  
 GI:16319136|MONO1\_2\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:485

GBEQ2226 GenBank Acc|BI960922|Ver|BI960922.1  
 GI:16319125|MONO1\_2\_F03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:360

GBEQ2227 GenBank Acc|BI960919|Ver|BI960919.1  
 GI:16319122|MONO1\_2\_E12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:526

GBEQ2228 GenBank Acc|BI960906|Ver|BI960906.1  
 GI:16319109|MONO1\_2\_D05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:543

GBEQ2229 GenBank Acc|BI960901|Ver|BI960901.1  
 GI:16319104|MONO1\_2\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:611

GBEQ2230 GenBank Acc|BI960899|Ver|BI960899.1  
 GI:16319102|MONO1\_2\_C04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:314

GBEQ2231 GenBank Acc|BI960894|Ver|BI960894.1  
 GI:16319097|MONO1\_2\_B08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:509

GBEQ2232 GenBank Acc|BI960891|Ver|BI960891.1  
 GI:16319094|MONO1\_2\_B05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:158

GBEQ2233 GenBank Acc|BI960886|Ver|BI960886.1  
 GI:16319089|MONO1\_2\_A11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:589

GBEQ2234 GenBank Acc|BI960883|Ver|BI960883.1  
 GI:16319086|MONO1\_2\_A07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:132:Stop:453

GBEQ2235 GenBank Acc|BI960882|Ver|BI960882.1  
 GI:16319085|MONO1\_2\_A06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:279

GBEQ2236 GenBank Acc|BI960878|Ver|BI960878.1  
 GI:16319081|MONO1\_2\_A02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:205

GBEQ2237 GenBank Acc|BI960872|Ver|BI960872.1  
 GI:16319075|MONO1\_1\_H08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:500

GBEQ2238 GenBank Acc|BI960871|Ver|BI960871.1  
 GI:16319074|MONO1\_1\_H07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:422

GBEQ2239 GenBank Acc|BI960865|Ver|BI960865.1  
 GI:16319068|MONO1\_1\_H01.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:426

GBEQ2240 GenBank Acc|BI960863|Ver|BI960863.1  
 GI:16319066|MONO1\_1\_G11.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:552

GBEQ2241 GenBank Acc|BI960860|Ver|BI960860.1  
 GI:16319063|MONO1\_1\_G08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:513

GBEQ2242 GenBank Acc|BI960858|Ver|BI960858.1  
 GI:16319061|MONO1\_1\_G06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:493

GBEQ2243 GenBank Acc|BI960856|Ver|BI960856.1  
 GI:16319059|MONO1\_1\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:557

GBEQ2244 GenBank Acc|BI960854|Ver|BI960854.1  
 GI:16319057|MONO1\_1\_G02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:415

GBEQ2245 GenBank Acc|BI960849|Ver|BI960849.1  
 GI:16319052|MONO1\_1\_F07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:493

GBEQ2246 GenBank Acc|BI960846|Ver|BI960846.1  
 GI:16319049|MONO1\_1\_F04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:445

GBEQ2247 GenBank Acc|BI960840|Ver|BI960840.1  
 GI:16319043|MONO1\_1\_E09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:555

GBEQ2248 GenBank Acc|BI960839|Ver|BI960839.1  
 GI:16319042|MONO1\_1\_E08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:523

GBEQ2249 GenBank Acc|BI960834|Ver|BI960834.1  
 GI:16319037|MONO1\_1\_E02.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:425

GBEQ2250 GenBank Acc|BI960833|Ver|BI960833.1  
 GI:16319036|MONO1\_1\_E01.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:323

GBEQ2251 GenBank Acc|BI960832|Ver|BI960832.1  
 GI:16319035|MONO1\_1\_D12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:587

GBEQ2252 GenBank Acc|BI960830|Ver|BI960830.1  
 GI:16319033|MONO1\_1\_D10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:512

GBEQ2253 GenBank Acc|BI960826|Ver|BI960826.1  
 GI:16319029|MONO1\_1\_D06.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:542

GBEQ2254 GenBank Acc|BI960824|Ver|BI960824.1  
 GI:16319027|MONO1\_1\_D04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:551

GBEQ2255 GenBank Acc|BI960821|Ver|BI960821.1  
 GI:16319024|MONO1\_1\_C09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:510

GBEQ2256 GenBank Acc|BI960819|Ver|BI960819.1  
GI:16319022|MONO1\_1\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:570

GBEQ2257 GenBank Acc|BI960809|Ver|BI960809.1  
GI:16319012|MONO1\_1\_B05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:551

GBEQ2258 GenBank Acc|BI960808|Ver|BI960808.1  
GI:16319011|MONO1\_1\_B04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:503

GBEQ2259 GenBank Acc|BI960804|Ver|BI960804.1  
GI:16319007|MONO1\_1\_A11.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:528

GBEQ2260 GenBank Acc|BI960803|Ver|BI960803.1  
GI:16319006|MONO1\_1\_A09.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:570

GBEQ2261 GenBank Acc|BI960802|Ver|BI960802.1  
GI:16319005|MONO1\_1\_A08.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:534

GBEQ2262 GenBank Acc|BI960800|Ver|BI960800.1  
GI:16319003|MONO1\_1\_A05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:533

GBEQ2263 GenBank Acc|AW735740|Ver|AW735740.1  
GI:12000952|HEST012 Horse INRA cDNA Library Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:464

GBEQ2264 GenBank Acc|AW735737|Ver|AW735737.1  
GI:12000949|HESTG07 Horse INRA cDNA Library Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:491

GBEQ2265 GenBank Acc|CD536613|Ver|CD536613.1  
GI:31579028|LeukoN6\_5\_E09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E09\_A028 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ2266 GenBank Acc|CD536607|Ver|CD536607.1  
GI:31579022|LeukoN6\_5\_B02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_B02\_A028 3',  
mRNA sequence.:Start:1:Stop:480

GBEQ2267 GenBank Acc|CD536482|Ver|CD536482.1  
GI:31578897|LeukoN6\_8\_E07.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E07\_A028 3',  
mRNA sequence.:Start:1:Stop:537

GBEQ2268 GenBank Acc|CD536476|Ver|CD536476.1  
GI:31578891|LeukoN6\_8\_G03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G03\_A028 3',  
mRNA sequence.:Start:1:Stop:477

GBEQ2269 GenBank Acc|CD536337|Ver|CD536337.1  
GI:31578752|LeukoN6\_7\_D07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D07\_A028 3',  
mRNA sequence.:Start:1:Stop:543

GBEQ2270 GenBank Acc|CD536216|Ver|CD536216.1  
GI:31578631|LeukoN6\_4\_E03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E03\_A028 3',  
mRNA sequence.:Start:1:Stop:685

GBEQ2271 GenBank Acc|CD536121|Ver|CD536121.1  
GI:31578536|LeukoN6\_3\_H04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ2272 GenBank Acc|CD536101|Ver|CD536101.1  
GI:31578516|LeukoN6\_3\_D02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D02\_A028 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ2273 GenBank Acc|CD536086|Ver|CD536086.1  
GI:31578501|LeukoN6\_3\_D05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D05\_A028 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ2274 GenBank Acc|CD536075|Ver|CD536075.1  
GI:31578490|LeukoN6\_3\_G03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G03\_A028 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ2275 GenBank Acc|CD535967|Ver|CD535967.1  
GI:31578382|LeukoN6\_2\_G05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_G05\_A028 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ2276 GenBank Acc|CD535935|Ver|CD535935.1  
GI:31578350|LeukoN6\_2\_B11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B11\_A028 3',  
mRNA sequence.:Start:1:Stop:529

GBEQ2277 GenBank Acc|CD535869|Ver|CD535869.1  
GI:31578284|LeukoN5\_5\_C04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_C04\_A027 3',  
mRNA sequence.:Start:1:Stop:606

GBEQ2278 GenBank Acc|CD535860|Ver|CD535860.1  
GI:31578275|LeukoN5\_5\_D04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_D04\_A027 3',  
mRNA sequence.:Start:1:Stop:508

GBEQ2279 GenBank Acc|CD535760|Ver|CD535760.1  
GI:31578175|LeukoN5\_8\_A03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A03\_A027 3',  
mRNA sequence.:Start:1:Stop:425

GBEQ2280 GenBank Acc|CD535582|Ver|CD535582.1  
GI:31577997|LeukoN5\_6\_G07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G07\_A027 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ2281 GenBank Acc|CD535172|Ver|CD535172.1  
GI:31577587|LeukoN5\_1\_B03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B03\_A027 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ2282 GenBank Acc|CD535167|Ver|CD535167.1  
GI:31577582|LeukoN5\_1\_E05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ2283 GenBank Acc|CD535164|Ver|CD535164.1  
GI:31577579|LeukoN5\_1\_A08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A08\_A027 3',  
mRNA sequence.:Start:1:Stop:415

GBEQ2284 GenBank Acc|CD535158|Ver|CD535158.1  
GI:31577573|LeukoN5\_1\_C08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C08\_A027 3',  
mRNA sequence.:Start:1:Stop:716

GBEQ2285 GenBank Acc|CD535154|Ver|CD535154.1  
GI:31577569|LeukoN5\_1\_C04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C04\_A027 3',  
mRNA sequence.:Start:1:Stop:644

GBEQ2286 GenBank Acc|CD535072|Ver|CD535072.1  
GI:31577487|LeukoN5\_3\_A10.b1\_A027 Unstimulated peripheral blood



leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A10\_A027 3',  
mRNA sequence.:Start:1:Stop:475

GBEQ2287 GenBank Acc|CD528910|Ver|CD528910.1  
GI:31567532|LeukoN3\_8\_C03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_C03\_A025 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ2288 GenBank Acc|CD528850|Ver|CD528850.1  
GI:31567472|LeukoN3\_5\_F03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:811

GBEQ2289 GenBank Acc|CD528774|Ver|CD528774.1  
GI:31567396|LeukoN3\_7\_F07.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_F07\_A025 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ2290 GenBank Acc|CD528759|Ver|CD528759.1  
GI:31567381|LeukoN3\_7\_C08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C08\_A025 3',  
mRNA sequence.:Start:1:Stop:639

GBEQ2291 GenBank Acc|CD528723|Ver|CD528723.1  
GI:31567345|LeukoN3\_7\_B10.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_B10\_A025 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ2292 GenBank Acc|CD528608|Ver|CD528608.1  
GI:31567230|LeukoN3\_3\_C11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C11\_A025 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ2293 GenBank Acc|CD528606|Ver|CD528606.1  
GI:31567228|LeukoN3\_3\_G09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_G09\_A025 3',  
mRNA sequence.:Start:1:Stop:682

GBEQ2294 GenBank Acc|CD528596|Ver|CD528596.1  
GI:31567218|LeukoN3\_3\_F11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F11\_A025 3',  
mRNA sequence.:Start:1:Stop:759

GBEQ2295 GenBank Acc|CD528582|Ver|CD528582.1  
GI:31567204|LeukoN3\_3\_D12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ2296 GenBank Acc|CD528576|Ver|CD528576.1  
GI:31567198|LeukoN3\_3\_B09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ2297 GenBank Acc|CD528422|Ver|CD528422.1  
GI:31567044|LeukoN3\_2\_F04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F04\_A025 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ2298 GenBank Acc|CD528418|Ver|CD528418.1  
GI:31567040|LeukoN3\_2\_D09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D09\_A025 3',  
mRNA sequence.:Start:1:Stop:467

GBEQ2299 GenBank Acc|CD528324|Ver|CD528324.1  
GI:31566946|LeukoN3\_1\_A06.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A06\_A025 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ2300 GenBank Acc|CD528304|Ver|CD528304.1  
GI:31566926|LeukoN3\_1\_F08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F08\_A025 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ2301 GenBank Acc|CD528300|Ver|CD528300.1  
GI:31566922|LeukoN3\_1\_F11.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F11\_A025 3',  
mRNA sequence.:Start:1:Stop:554

GBEQ2302 GenBank Acc|CD528299|Ver|CD528299.1  
GI:31566921|LeukoN3\_1\_G08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_G08\_A025 3',  
mRNA sequence.:Start:1:Stop:504

GBEQ2303 GenBank Acc|CD528294|Ver|CD528294.1  
GI:31566916|LeukoN3\_1\_H08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H08\_A025 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ2304 GenBank Acc|CD528289|Ver|CD528289.1  
GI:31566911|LeukoN3\_1\_B12.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B12\_A025 3',  
mRNA sequence.:Start:1:Stop:493

GBEQ2305 GenBank Acc|CD528275|Ver|CD528275.1  
GI:31566897|LeukoN3\_1\_D12.b2\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ2306 GenBank Acc|CD528173|Ver|CD528173.1  
GI:31566795|LeukoN3\_4\_D11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_D11\_A025 3',  
mRNA sequence.:Start:1:Stop:812

GBEQ2307 GenBank Acc|CD528147|Ver|CD528147.1  
GI:31566769|LeukoN3\_4\_H05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H05\_A025 3',  
mRNA sequence.:Start:1:Stop:716

GBEQ2308 GenBank Acc|CD528131|Ver|CD528131.1  
GI:31566753|LeukoN3\_4\_C11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_C11\_A025 3',  
mRNA sequence.:Start:1:Stop:360

GBEQ2309 GenBank Acc|CD472301|Ver|CD472301.1  
GI:31393569|LeukoS6\_5\_E07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E07\_A028 3',  
mRNA sequence.:Start:1:Stop:430

GBEQ2310 GenBank Acc|CD472176|Ver|CD472176.1  
GI:31393444|LeukoS6\_1\_H05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_H05\_A028 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ2311 GenBank Acc|CD472147|Ver|CD472147.1  
GI:31393415|LeukoS6\_1\_B12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B12\_A028 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ2312 GenBank Acc|CD472121|Ver|CD472121.1  
GI:31393389|LeukoS6\_1\_D07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_D07\_A028 3',  
mRNA sequence.:Start:1:Stop:535

GBEQ2313 GenBank Acc|CD471986|Ver|CD471986.1  
GI:31393254|LeukoS6\_3\_E05.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_E05\_A028 3',  
mRNA sequence.:Start:1:Stop:570

GBEQ2314 GenBank Acc|CD471791|Ver|CD471791.1  
GI:31393059|LeukoS6\_2\_G10.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_G10\_A028 3',  
mRNA sequence.:Start:1:Stop:477

GBEQ2315 GenBank Acc|CD471790|Ver|CD471790.1  
GI:31393058|LeukoS6\_2\_H12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H12\_A028 3',  
mRNA sequence.:Start:1:Stop:416

GBEQ2316 GenBank Acc|CD471486|Ver|CD471486.1  
GI:31392754|LeukoS5\_6\_F04.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F04\_A027 3',  
mRNA sequence.:Start:1:Stop:425

GBEQ2317 GenBank Acc|CD471074|Ver|CD471074.1  
GI:31392342|LeukoS5\_4\_C01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_C01\_A027 3',  
mRNA sequence.:Start:1:Stop:371

GBEQ2318 GenBank Acc|CD471031|Ver|CD471031.1  
GI:31392299|LeukoS5\_4\_H07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_H07\_A027 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ2319 GenBank Acc|CD470888|Ver|CD470888.1  
GI:31392156|LeukoS5\_3\_C08.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_C08\_A027 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ2320 GenBank Acc|CD470744|Ver|CD470744.1  
GI:31392012|LeukoS5\_2\_B09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_B09\_A027 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ2321 GenBank Acc|CD470616|Ver|CD470616.1  
GI:31391884|LeukoS4\_6\_B04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_B04\_A026 3',  
mRNA sequence.:Start:1:Stop:475

GBEQ2322 GenBank Acc|CD470614|Ver|CD470614.1  
GI:31391882|LeukoS4\_6\_C11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_C11\_A026 3',  
mRNA sequence.:Start:1:Stop:543

GBEQ2323 GenBank Acc|CD470603|Ver|CD470603.1  
GI:31391871|LeukoS4\_6\_B09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_B09\_A026 3',  
mRNA sequence.:Start:1:Stop:483

GBEQ2324 GenBank Acc|CD470602|Ver|CD470602.1  
GI:31391870|LeukoS4\_6\_G06.b1\_A026 Stimulated peripheral blood

leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_G06\_A026 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ2325 GenBank Acc|CD470382|Ver|CD470382.1  
GI:31391650|LeukoS4\_4\_E08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E08\_A026 3',  
mRNA sequence.:Start:1:Stop:623

GBEQ2326 GenBank Acc|CD470381|Ver|CD470381.1  
GI:31391649|LeukoS4\_4\_E11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E11\_A026 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ2327 GenBank Acc|CD470352|Ver|CD470352.1  
GI:31391620|LeukoS4\_4\_H12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H12\_A026 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ2328 GenBank Acc|CD470216|Ver|CD470216.1  
GI:31391484|LeukoS4\_3\_H12.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H12\_A026 3',  
mRNA sequence.:Start:1:Stop:588

GBEQ2329 GenBank Acc|CD470200|Ver|CD470200.1  
GI:31391468|LeukoS4\_3\_F04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_F04\_A026 3',  
mRNA sequence.:Start:1:Stop:438

GBEQ2330 GenBank Acc|CD470192|Ver|CD470192.1  
GI:31391460|LeukoS4\_3\_G02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_G02\_A026 3',  
mRNA sequence.:Start:1:Stop:507

GBEQ2331 GenBank Acc|CD470074|Ver|CD470074.1  
GI:31391342|LeukoS4\_1\_D01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_D01\_A026 3',  
mRNA sequence.:Start:1:Stop:476

GBEQ2332 GenBank Acc|CD470071|Ver|CD470071.1  
GI:31391339|LeukoS4\_1\_G07.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G07\_A026 3',  
mRNA sequence.:Start:1:Stop:479

GBEQ2333 GenBank Acc|CD470031|Ver|CD470031.1  
GI:31391299|LeukoS4\_1\_E05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E05\_A026 3',  
mRNA sequence.:Start:1:Stop:648

GBEQ2334 GenBank Acc|CD470013|Ver|CD470013.1  
GI:31391281|LeukoS4\_1\_G08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G08\_A026 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ2335 GenBank Acc|CD469929|Ver|CD469929.1  
GI:31391197|LeukoS4\_2\_H06.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H06\_A026 3',  
mRNA sequence.:Start:1:Stop:350

GBEQ2336 GenBank Acc|CD469901|Ver|CD469901.1  
GI:31391169|LeukoS4\_2\_A09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A09\_A026 3',  
mRNA sequence.:Start:1:Stop:513

GBEQ2337 GenBank Acc|CD469893|Ver|CD469893.1  
GI:31391161|LeukoS4\_2\_B07.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B07\_A026 3',  
mRNA sequence.:Start:1:Stop:558

GBEQ2338 GenBank Acc|CD469787|Ver|CD469787.1  
GI:31391055|LeukoS2\_5\_H03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:627

GBEQ2339 GenBank Acc|CD469591|Ver|CD469591.1  
GI:31390859|LeukoS2\_7\_H02.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H02\_A024 3',  
mRNA sequence.:Start:1:Stop:445

GBEQ2340 GenBank Acc|CD469492|Ver|CD469492.1  
GI:31390760|LeukoS2\_4\_D12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D12\_A024 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ2341 GenBank Acc|CD469472|Ver|CD469472.1  
GI:31390740|LeukoS2\_4\_B12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:516

GBEQ2342 GenBank Acc|CD469451|Ver|CD469451.1  
GI:31390719|LeukoS2\_4\_G08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_G08\_A024 3',  
mRNA sequence.:Start:1:Stop:526

GBEQ2343 GenBank Acc|CD469445|Ver|CD469445.1  
GI:31390713|LeukoS2\_4\_G09.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_G09\_A024 3',  
mRNA sequence.:Start:1:Stop:456

GBEQ2344 GenBank Acc|CD469335|Ver|CD469335.1  
GI:31390603|LeukoS2\_3\_H05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_H05\_A024 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ2345 GenBank Acc|CD469330|Ver|CD469330.1  
GI:31390598|LeukoS2\_3\_C04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C04\_A024 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ2346 GenBank Acc|CD469326|Ver|CD469326.1  
GI:31390594|LeukoS2\_3\_E12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_E12\_A024 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ2347 GenBank Acc|CD469189|Ver|CD469189.1  
GI:31390457|LeukoS2\_2\_G02.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G02\_A024 3',  
mRNA sequence.:Start:1:Stop:377

GBEQ2348 GenBank Acc|CD469040|Ver|CD469040.1  
GI:31390308|LeukoS2\_1\_F05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F05\_A024 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ2349 GenBank Acc|CD468990|Ver|CD468990.1  
GI:31390258|LeukoS2\_1\_H12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H12\_A024 3',  
mRNA sequence.:Start:1:Stop:537

GBEQ2350 GenBank Acc|CD468907|Ver|CD468907.1  
GI:31390175|LeukoS3\_8\_H02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H02\_A025 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ2351 GenBank Acc|CD468887|Ver|CD468887.1  
GI:31390155|LeukoS3\_8\_G05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G05\_A025 3',  
mRNA sequence.:Start:1:Stop:757

GBEQ2352 GenBank Acc|CD468800|Ver|CD468800.1  
GI:31390068|LeukoS3\_7\_A05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A05\_A025 3',  
mRNA sequence.:Start:1:Stop:696

GBEQ2353 GenBank Acc|CD468570|Ver|CD468570.1  
GI:31389838|LeukoS3\_4\_C10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C10\_A025 3',  
mRNA sequence.:Start:1:Stop:344

GBEQ2354 GenBank Acc|CD468561|Ver|CD468561.1  
GI:31389829|LeukoS3\_4\_F12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_F12\_A025 3',  
mRNA sequence.:Start:1:Stop:774

GBEQ2355 GenBank Acc|CD468548|Ver|CD468548.1  
GI:31389816|LeukoS3\_4\_G05.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G05\_A025 3',  
mRNA sequence.:Start:1:Stop:736

GBEQ2356 GenBank Acc|CD468420|Ver|CD468420.1  
GI:31389688|LeukoS3\_3\_F01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F01\_A025 3',  
mRNA sequence.:Start:1:Stop:559

GBEQ2357 GenBank Acc|CD468394|Ver|CD468394.1  
GI:31389662|LeukoS3\_3\_A03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_A03\_A025 3',  
mRNA sequence.:Start:1:Stop:376

GBEQ2358 GenBank Acc|CD468301|Ver|CD468301.1  
GI:31389569|LeukoS3\_2\_D09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D09\_A025 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ2359 GenBank Acc|CD468245|Ver|CD468245.1  
GI:31389513|LeukoS3\_2\_C06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C06\_A025 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ2360 GenBank Acc|CD468135|Ver|CD468135.1  
GI:31389403|LeukoS3\_1\_G10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G10\_A025 3',  
mRNA sequence.:Start:1:Stop:673

GBEQ2361 GenBank Acc|CD467971|Ver|CD467971.1  
GI:31389239|LeukoS1\_8\_G08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G08\_A023 3',  
mRNA sequence.:Start:1:Stop:657

GBEQ2362 GenBank Acc|CD467963|Ver|CD467963.1  
GI:31389231|LeukoS1\_8\_H02.b1\_A023 Stimulated peripheral blood



leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H02\_A023 3',  
mRNA sequence.:Start:1:Stop:436

GBEQ2363 GenBank Acc|CD467961|Ver|CD467961.1  
GI:31389229|LeukoS1\_8\_C03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C03\_A023 3',  
mRNA sequence.:Start:1:Stop:510

GBEQ2364 GenBank Acc|CD467839|Ver|CD467839.1  
GI:31389107|LeukoS1\_7\_B06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:668

GBEQ2365 GenBank Acc|CD467832|Ver|CD467832.1  
GI:31389100|LeukoS1\_7\_D02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D02\_A023 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ2366 GenBank Acc|CD467828|Ver|CD467828.1  
GI:31389096|LeukoS1\_7\_F02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F02\_A023 3',  
mRNA sequence.:Start:1:Stop:734

GBEQ2367 GenBank Acc|CD467819|Ver|CD467819.1  
GI:31389087|LeukoS1\_7\_F09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F09\_A023 3',  
mRNA sequence.:Start:1:Stop:574

GBEQ2368 GenBank Acc|CD467700|Ver|CD467700.1  
GI:31388968|LeukoS1\_6\_A04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_A04\_A023 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ2369 GenBank Acc|CD467646|Ver|CD467646.1  
GI:31388914|LeukoS1\_6\_G02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G02\_A023 3',  
mRNA sequence.:Start:1:Stop:308

GBEQ2370 GenBank Acc|CD467522|Ver|CD467522.1  
GI:31388790|LeukoS1\_5\_B08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B08\_A023 3',  
mRNA sequence.:Start:1:Stop:606

GBEQ2371 GenBank Acc|CD467519|Ver|CD467519.1  
GI:31388787|LeukoS1\_5\_G03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G03\_A023 3',  
mRNA sequence.:Start:1:Stop:392

GBEQ2372 GenBank Acc|CD467500|Ver|CD467500.1  
GI:31388768|LeukoS1\_5\_B06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B06\_A023 3',  
mRNA sequence.:Start:1:Stop:693

GBEQ2373 GenBank Acc|CD467409|Ver|CD467409.1  
GI:31388677|LeukoS1\_4\_H01.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_H01\_A023 3',  
mRNA sequence.:Start:1:Stop:485

GBEQ2374 GenBank Acc|CD467407|Ver|CD467407.1  
GI:31388675|LeukoS1\_4\_C06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C06\_A023 3',  
mRNA sequence.:Start:1:Stop:269

GBEQ2375 GenBank Acc|CD467397|Ver|CD467397.1  
GI:31388665|LeukoS1\_4\_H12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_H12\_A023 3',  
mRNA sequence.:Start:1:Stop:660

GBEQ2376 GenBank Acc|CD467395|Ver|CD467395.1  
GI:31388663|LeukoS1\_4\_G03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_G03\_A023 3',  
mRNA sequence.:Start:1:Stop:414

GBEQ2377 GenBank Acc|CD467382|Ver|CD467382.1  
GI:31388650|LeukoS1\_4\_G07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ2378 GenBank Acc|CD467238|Ver|CD467238.1  
GI:31388506|LeukoS1\_3\_F05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F05\_A023 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ2379 GenBank Acc|CD467209|Ver|CD467209.1  
GI:31388477|LeukoS1\_3\_G05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_G05\_A023 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ2380 GenBank Acc|CD467114|Ver|CD467114.1  
GI:31388382|LeukoS1\_2\_C05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_C05\_A023 3',  
mRNA sequence.:Start:1:Stop:433

GBEQ2381 GenBank Acc|CD467107|Ver|CD467107.1  
GI:31388375|LeukoS1\_2\_F10.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F10\_A023 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ2382 GenBank Acc|CD467068|Ver|CD467068.1  
GI:31388336|LeukoS1\_2\_D10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_D10\_A023 3',  
mRNA sequence.:Start:1:Stop:339

GBEQ2383 GenBank Acc|CD466929|Ver|CD466929.1  
GI:31388197|LeukoS1\_1\_E08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E08\_A023 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ2384 GenBank Acc|CD466820|Ver|CD466820.1  
GI:31388088|LeukoN2\_8\_F04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F04\_A024 3',  
mRNA sequence.:Start:1:Stop:503

GBEQ2385 GenBank Acc|CD466696|Ver|CD466696.1  
GI:31387964|LeukoN2\_5\_D03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D03\_A024 3',  
mRNA sequence.:Start:1:Stop:183

GBEQ2386 GenBank Acc|CD466594|Ver|CD466594.1  
GI:31387862|LeukoN2\_7\_E12.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E12\_A024 3',  
mRNA sequence.:Start:1:Stop:597

GBEQ2387 GenBank Acc|CD466581|Ver|CD466581.1  
GI:31387849|LeukoN2\_7\_B08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:683

GBEQ2388 GenBank Acc|CD466560|Ver|CD466560.1  
GI:31387828|LeukoN2\_7\_D02.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D02\_A024 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ2389 GenBank Acc|CD466551|Ver|CD466551.1  
GI:31387819|LeukoN2\_7\_H08.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H08\_A024 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ2390 GenBank Acc|CD466446|Ver|CD466446.1  
GI:31387714|LeukoN2\_4\_F05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_F05\_A024 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ2391 GenBank Acc|CD466277|Ver|CD466277.1  
GI:31387545|LeukoN2\_3\_E06.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E06\_A024 3',  
mRNA sequence.:Start:1:Stop:520

GBEQ2392 GenBank Acc|CD466237|Ver|CD466237.1  
GI:31387505|LeukoN2\_3\_F01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F01\_A024 3',  
mRNA sequence.:Start:1:Stop:525

GBEQ2393 GenBank Acc|CD466078|Ver|CD466078.1  
GI:31387346|LeukoN2\_2\_H01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H01\_A024 3',  
mRNA sequence.:Start:1:Stop:333

GBEQ2394 GenBank Acc|CD465959|Ver|CD465959.1  
GI:31387227|LeukoN2\_1\_A10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A10\_A024 3',  
mRNA sequence.:Start:1:Stop:399

GBEQ2395 GenBank Acc|CD465944|Ver|CD465944.1  
GI:31387212|LeukoN2\_1\_H08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H08\_A024 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ2396 GenBank Acc|CD465942|Ver|CD465942.1  
GI:31387210|LeukoN2\_1\_H01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H01\_A024 3',  
mRNA sequence.:Start:1:Stop:667

GBEQ2397 GenBank Acc|CD465932|Ver|CD465932.1  
GI:31387200|LeukoN2\_1\_F12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_F12\_A024 3',  
mRNA sequence.:Start:1:Stop:718

GBEQ2398 GenBank Acc|CD465869|Ver|CD465869.1  
GI:31387137|LeukoN1\_8\_D05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:587

GBEQ2399 GenBank Acc|CD465851|Ver|CD465851.1  
GI:31387119|LeukoN1\_8\_H03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_H03\_A023 3',  
mRNA sequence.:Start:1:Stop:676

GBEQ2400 GenBank Acc|CD465845|Ver|CD465845.1  
GI:31387113|LeukoN1\_8\_B12.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:564

GBEQ2401 GenBank Acc|CD465749|Ver|CD465749.1  
GI:31387017|LeukoN1\_7\_H07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H07\_A023 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ2402 GenBank Acc|CD465744|Ver|CD465744.1  
GI:31387012|LeukoN1\_7\_F02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F02\_A023 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ2403 GenBank Acc|CD465736|Ver|CD465736.1  
GI:31387004|LeukoN1\_7\_H05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:489

GBEQ2404 GenBank Acc|CD465725|Ver|CD465725.1  
GI:31386993|LeukoN1\_7\_D03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ2405 GenBank Acc|CD465651|Ver|CD465651.1  
GI:31386919|LeukoN1\_6\_H11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H11\_A023 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ2406 GenBank Acc|CD465650|Ver|CD465650.1  
GI:31386918|LeukoN1\_6\_D03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:505

GBEQ2407 GenBank Acc|CD465428|Ver|CD465428.1  
GI:31386696|LeukoN1\_4\_E07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E07\_A023 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ2408 GenBank Acc|CD465392|Ver|CD465392.1  
GI:31386660|LeukoN1\_4\_E10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:466

GBEQ2409 GenBank Acc|CD465277|Ver|CD465277.1  
GI:31386545|LeukoN1\_3\_B10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_B10\_A023 3',  
mRNA sequence.:Start:1:Stop:442

GBEQ2410 GenBank Acc|CD465157|Ver|CD465157.1  
GI:31386425|LeukoN1\_2\_E02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E02\_A023 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ2411 GenBank Acc|CD464874|Ver|CD464874.1  
GI:31386142|LeukoN4\_5\_F05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F05\_A026 3',  
mRNA sequence.:Start:1:Stop:580

GBEQ2412 GenBank Acc|CD464201|Ver|CD464201.1  
GI:31385469|LeukoN4\_2\_H08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H08\_A026 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ2413 GenBank Acc|BM781389|Ver|BM781389.1  
GI:19129621|MLN1\_8\_G06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:599

GBEQ2414 GenBank Acc|BM781385|Ver|BM781385.1  
GI:19129617|MLN1\_8\_H07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:647

GBEQ2415 GenBank Acc|BM781212|Ver|BM781212.1  
GI:19129444|MLN1\_5\_G09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:588

GBEQ2416 GenBank Acc|BM781026|Ver|BM781026.1  
GI:19129258|MLN1\_3\_B08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:58:Stop:664

GBEQ2417 GenBank Acc|BM781022|Ver|BM781022.1  
GI:19129254|MLN1\_3\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:74:Stop:666

GBEQ2418 GenBank Acc|BM781007|Ver|BM781007.1  
GI:19129239|MLN1\_3\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:641

GBEQ2419 GenBank Acc|BM780986|Ver|BM780986.1  
GI:19129218|MLN1\_2\_C04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:37:Stop:639

GBEQ2420 GenBank Acc|BM780935|Ver|BM780935.1  
GI:19129167|MLN1\_1\_B05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:84:Stop:454

GBEQ2421 GenBank Acc|BM780911|Ver|BM780911.1  
GI:19129143|MLN1\_1\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:42:Stop:363

GBEQ2422 GenBank Acc|BM780883|Ver|BM780883.1  
GI:19129115|MLN1\_1\_H02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:38:Stop:499

GBEQ2423 GenBank Acc|BM780854|Ver|BM780854.1  
GI:19129086|APL1\_9\_G03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:18:Stop:600

GBEQ2424 GenBank Acc|BM780841|Ver|BM780841.1  
GI:19129073|APL1\_9\_H05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:19:Stop:532

GBEQ2425 GenBank Acc|BM780813|Ver|BM780813.1  
GI:19129045|APL1\_9\_B10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:108:Stop:602

GBEQ2426 GenBank Acc|BM780784|Ver|BM780784.1  
GI:19129016|APL1\_9\_D12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:52:Stop:644

GBEQ2427 GenBank Acc|BM780769|Ver|BM780769.1  
GI:19129001|APL1\_8\_B03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:536

GBEQ2428 GenBank Acc|BM780750|Ver|BM780750.1  
GI:19128982|APL1\_8\_D02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:412

GBEQ2429 GenBank Acc|BM780728|Ver|BM780728.1  
GI:19128960|APL1\_8\_F05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:586

GBEQ2430 GenBank Acc|BM780696|Ver|BM780696.1  
GI:19128928|APL1\_6\_A03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:88:Stop:633

GBEQ2431 GenBank Acc|BM780664|Ver|BM780664.1  
GI:19128896|APL1\_6\_D01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:37:Stop:606

GBEQ2432 GenBank Acc|BM780639|Ver|BM780639.1  
GI:19128871|APL1\_6\_F07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:8:Stop:647

GBEQ2433 GenBank Acc|BM780625|Ver|BM780625.1  
GI:19128857|APL1\_6\_G09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:549

GBEQ2434 GenBank Acc|BM780623|Ver|BM780623.1  
GI:19128855|APL1\_6\_H04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:35:Stop:652

GBEQ2435 GenBank Acc|BM780622|Ver|BM780622.1  
GI:19128854|APL1\_6\_G12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:86:Stop:563

GBEQ2436 GenBank Acc|BM780616|Ver|BM780616.1  
GI:19128848|APL1\_6\_H08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:27:Stop:631

GBEQ2437 GenBank Acc|BM780596|Ver|BM780596.1  
GI:19128828|APL1\_4\_B02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:172

GBEQ2438 GenBank Acc|BM780571|Ver|BM780571.1  
GI:19128803|APL1\_4\_D06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:72:Stop:467

GBEQ2439 GenBank Acc|BM780557|Ver|BM780557.1  
GI:19128789|APL1\_4\_E11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:16:Stop:612

GBEQ2440 GenBank Acc|BM780539|Ver|BM780539.1  
GI:19128771|APL1\_4\_G12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:610

GBEQ2441 GenBank Acc|BM780523|Ver|BM780523.1  
GI:19128755|APL1\_3\_A11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:50:Stop:657

GBEQ2442 GenBank Acc|BM780514|Ver|BM780514.1  
GI:19128746|APL1\_3\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:265

GBEQ2443 GenBank Acc|BM780507|Ver|BM780507.1  
GI:19128739|APL1\_3\_C02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:588

GBEQ2444 GenBank Acc|BM780467|Ver|BM780467.1  
GI:19128714|APL1\_3\_D11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:17:Stop:586



GBEQ2445 GenBank Acc|BM780427|Ver|BM780427.1  
GI:19128659|APL1\_2\_A11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:669

GBEQ2446 GenBank Acc|BM780420|Ver|BM780420.1  
GI:19128652|APL1\_2\_B07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:92:Stop:677

GBEQ2447 GenBank Acc|BM780419|Ver|BM780419.1  
GI:19128651|APL1\_2\_B06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:99:Stop:616

GBEQ2448 GenBank Acc|BM780418|Ver|BM780418.1  
GI:19128650|APL1\_2\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:520

GBEQ2449 GenBank Acc|BM780411|Ver|BM780411.1  
GI:19128643|APL1\_2\_B12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:112:Stop:217

GBEQ2450 GenBank Acc|BM780410|Ver|BM780410.1  
GI:19128642|APL1\_2\_D02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:6:Stop:571

GBEQ2451 GenBank Acc|BM780405|Ver|BM780405.1  
GI:19128637|APL1\_2\_C08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:302

GBEQ2452 GenBank Acc|BM780402|Ver|BM780402.1  
GI:19128634|APL1\_2\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:26:Stop:247

GBEQ2453 GenBank Acc|BM780399|Ver|BM780399.1  
GI:19128631|APL1\_2\_D05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:451

GBEQ2454 GenBank Acc|BM780382|Ver|BM780382.1  
GI:19128614|APL1\_2\_F10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:543

GBEQ2455 GenBank Acc|BM780361|Ver|BM780361.1  
GI:19128593|APL1\_2\_H03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:9:Stop:310

GBEQ2456 GenBank Acc|BM780340|Ver|BM780340.1  
GI:19128572|APL1\_1\_A11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:34:Stop:569

GBEQ2457 GenBank Acc|BM780331|Ver|BM780331.1  
GI:19128563|APL1\_1\_A02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:281

GBEQ2458 GenBank Acc|BM780320|Ver|BM780320.1  
GI:19128552|APL1\_1\_C05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:123:Stop:626

GBEQ2459 GenBank Acc|BM735487|Ver|BM735487.1  
GI:19056820|MONO1\_19\_E01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:375

GBEQ2460 GenBank Acc|BM735455|Ver|BM735455.1  
GI:19056788|MONO1\_19\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:60:Stop:614

GBEQ2461 GenBank Acc|BM735439|Ver|BM735439.1  
GI:19056772|MONO1\_20\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:105:Stop:678

GBEQ2462 GenBank Acc|BM735336|Ver|BM735336.1  
GI:19056669|MONO1\_18\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:598

GBEQ2463 GenBank Acc|BM735331|Ver|BM735331.1  
GI:19056664|MONO1\_18\_C03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:99:Stop:595

GBEQ2464 GenBank Acc|BM735329|Ver|BM735329.1  
GI:19056662|MONO1\_18\_D04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:28:Stop:508

GBEQ2465 GenBank Acc|BM735323|Ver|BM735323.1  
GI:19056656|MONO1\_18\_C10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:263

GBEQ2466 GenBank Acc|BM735282|Ver|BM735282.1  
GI:19056615|MONO1\_18\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:657

GBEQ2467 GenBank Acc|BM735202|Ver|BM735202.1  
GI:19056535|MONO1\_17\_G12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:685

GBEQ2468 GenBank Acc|BM735162|Ver|BM735162.1  
GI:19056495|MONO1\_16\_B10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:627

GBEQ2469 GenBank Acc|BM735109|Ver|BM735109.1  
GI:19056442|MONO1\_16\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:496

GBEQ2470 GenBank Acc|BM735100|Ver|BM735100.1  
GI:19056433|MONO1\_16\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:248

GBEQ2471 GenBank Acc|BM735096|Ver|BM735096.1  
GI:19056429|MONO1\_16\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:9:Stop:643

GBEQ2472 GenBank Acc|BM735094|Ver|BM735094.1  
GI:19056427|MONO1\_23\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:21:Stop:569

GBEQ2473 GenBank Acc|BM735089|Ver|BM735089.1  
GI:19056422|MONO1\_23\_A06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:327

GBEQ2474 GenBank Acc|BM735081|Ver|BM735081.1  
GI:19056414|MONO1\_23\_B04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:270

GBEQ2475 GenBank Acc|BM735056|Ver|BM735056.1  
GI:19056389|MONO1\_23\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:57:Stop:641

GBEQ2476 GenBank Acc|BM735024|Ver|BM735024.1  
GI:19056357|MONO1\_23\_H06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:24:Stop:635

GBEQ2477 GenBank Acc|BM735019|Ver|BM735019.1  
GI:19056352|MONO1\_23\_H02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:34:Stop:565

GBEQ2478 GenBank Acc|BM734928|Ver|BM734928.1  
GI:19056261|MONO1\_14\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:475

GBEQ2479 GenBank Acc|BM734870|Ver|BM734870.1  
GI:19056203|MONO1\_14\_H06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:516

GBEQ2480 GenBank Acc|BM734864|Ver|BM734864.1  
GI:19056197|MONO1\_14\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:641

GBEQ2481 GenBank Acc|BM734836|Ver|BM734836.1  
GI:19056169|MONO1\_13\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:496

GBEQ2482 GenBank Acc|BM734814|Ver|BM734814.1  
GI:19056147|MONO1\_13\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:657

GBEQ2483 GenBank Acc|BM734754|Ver|BM734754.1  
GI:19056087|MONO1\_12\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:451

GBEQ2484 GenBank Acc|BM734677|Ver|BM734677.1  
GI:19056010|MONO1\_11\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:653

GBEQ2485 GenBank Acc|BM734615|Ver|BM734615.1  
GI:19055948|MONO1\_10\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:393

GBEQ2486 GenBank Acc|BM734528|Ver|BM734528.1  
GI:19055861|MONO1\_9\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:576

GBEQ2487 GenBank Acc|BM734516|Ver|BM734516.1  
GI:19055849|MONO1\_9\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:121:Stop:657

GBEQ2488 GenBank Acc|BM734461|Ver|BM734461.1  
GI:19055808|MONO1\_9\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:464

GBEQ2489 GenBank Acc|BI961949|Ver|BI961949.1  
GI:16320152|MONO1\_8\_H03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:568

GBEQ2490 GenBank Acc|BI961897|Ver|BI961897.1  
GI:16320100|MONO1\_8\_A12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:42:Stop:646

GBEQ2491 GenBank Acc|BI961737|Ver|BI961737.1  
GI:16319940|MONO1\_4\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:544

GBEQ2492 GenBank Acc|BI961689|Ver|BI961689.1  
GI:16319892|MONO1\_3\_C06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:509

GBEQ2493 GenBank Acc|BI961670|Ver|BI961670.1  
GI:16319873|MONO1\_3\_A05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:33:Stop:614

GBEQ2494 GenBank Acc|BI961665|Ver|BI961665.1  
GI:16319868|MONO1\_2\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:38:Stop:581

GBEQ2495 GenBank Acc|BI961658|Ver|BI961658.1  
GI:16319861|MONO1\_2\_G08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:601

GBEQ2496 GenBank Acc|BI961652|Ver|BI961652.1  
GI:16319855|MONO1\_2\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:170

GBEQ2497 GenBank Acc|BI961649|Ver|BI961649.1  
GI:16319852|MONO1\_2\_F06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:65:Stop:541

GBEQ2498 GenBank Acc|BI961647|Ver|BI961647.1  
GI:16319850|MONO1\_2\_F04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:573

GBEQ2499 GenBank Acc|BI961621|Ver|BI961621.1  
GI:16319824|MONO1\_2\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:658

GBEQ2500 GenBank Acc|BI961616|Ver|BI961616.1  
GI:16319819|MONO1\_2\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:34:Stop:495

GBEQ2501 GenBank Acc|BI961587|Ver|BI961587.1  
GI:16319790|MONO1\_1\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:59:Stop:628

GBEQ2502 GenBank Acc|BI961580|Ver|BI961580.1  
GI:16319783|MONO1\_1\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:576

GBEQ2503 GenBank Acc|BI961578|Ver|BI961578.1  
GI:16319781|MONO1\_1\_F01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:16:Stop:536

GBEQ2504 GenBank Acc|BI961526|Ver|BI961526.1  
GI:16319743|MONO1\_1\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:569

GBEQ2505 GenBank Acc|BI961520|Ver|BI961520.1  
 GI:16319737|MONO1\_6\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:75:Stop:600

GBEQ2506 GenBank Acc|BI961406|Ver|BI961406.1  
 GI:16319609|MONO1\_5\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:507

GBEQ2507 GenBank Acc|BI961341|Ver|BI961341.1  
 GI:16319544|MONO1\_4\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:283

GBEQ2508 GenBank Acc|BI961319|Ver|BI961319.1  
 GI:16319522|MONO1\_8\_H08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:507

GBEQ2509 GenBank Acc|BI961271|Ver|BI961271.1  
 GI:16319474|MONO1\_8\_C08.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:512

GBEQ2510 GenBank Acc|BI961270|Ver|BI961270.1  
 GI:16319473|MONO1\_8\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:594

GBEQ2511 GenBank Acc|BI961120|Ver|BI961120.1  
 GI:16319323|MONO1\_6\_C07.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:522

GBEQ2512 GenBank Acc|BI961111|Ver|BI961111.1  
 GI:16319314|MONO1\_6\_B10.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:314

GBEQ2513 GenBank Acc|BI961023|Ver|BI961023.1  
 GI:16319226|MONO1\_5\_B05.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:553

GBEQ2514 GenBank Acc|BI960956|Ver|BI960956.1  
 GI:16319159|MONO1\_3\_B04.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:465

GBEQ2515 GenBank Acc|BI960945|Ver|BI960945.1  
 GI:16319148|MONO1\_3\_A03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:480

GBEQ2516 GenBank Acc|BI960903|Ver|BI960903.1  
 GI:16319106|MONO1\_2\_C12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:588

GBEQ2517 GenBank Acc|BI960801|Ver|BI960801.1  
GI:16319004|MONO1\_1\_A06.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:164

GBEQ2518 GenBank RC|Acc|CD536611|Ver|CD536611.1  
GI:31579026|LeukoN6\_5\_E01.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E01\_A028 3',  
mRNA sequence.:Start:1:Stop:112

GBEQ2519 GenBank RC|Acc|CD536093|Ver|CD536093.1  
GI:31578508|LeukoN6\_3\_B12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B12\_A028 3',  
mRNA sequence.:Start:1:Stop:645

GBEQ2520 GenBank RC|Acc|CD535984|Ver|CD535984.1  
GI:31578399|LeukoN6\_2\_H11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H11\_A028 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ2521 GenBank RC|Acc|CD535936|Ver|CD535936.1  
GI:31578351|LeukoN6\_2\_F01.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F01\_A028 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ2522 GenBank RC|Acc|CD535875|Ver|CD535875.1  
GI:31578290|LeukoN5\_5\_H03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_H03\_A027 3',  
mRNA sequence.:Start:1:Stop:440

GBEQ2523 GenBank RC|Acc|CD535857|Ver|CD535857.1  
GI:31578272|LeukoN5\_5\_E11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:533

GBEQ2524 GenBank RC|Acc|CD535695|Ver|CD535695.1  
GI:31578110|LeukoN5\_7\_H01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H01\_A027 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ2525 GenBank RC|Acc|CD535674|Ver|CD535674.1  
GI:31578089|LeukoN5\_7\_B08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_B08\_A027 3',  
mRNA sequence.:Start:1:Stop:542

GBEQ2526 GenBank RC|Acc|CD535456|Ver|CD535456.1  
GI:31577871|LeukoN5\_4\_F02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F02\_A027 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ2527 GenBank RC|Acc|CD535336|Ver|CD535336.1  
GI:31577751|LeukoN5\_2\_A10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_A10\_A027 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ2528 GenBank RC|Acc|CD535330|Ver|CD535330.1  
GI:31577745|LeukoN5\_2\_B05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B05\_A027 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ2529 GenBank RC|Acc|CD528911|Ver|CD528911.1  
GI:31567533|LeukoN3\_8\_D12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:717

GBEQ2530 GenBank RC|Acc|CD528763|Ver|CD528763.1  
GI:31567385|LeukoN3\_7\_A11.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A11\_A025 3',  
mRNA sequence.:Start:1:Stop:587

GBEQ2531 GenBank RC|Acc|CD528749|Ver|CD528749.1  
GI:31567371|LeukoN3\_7\_H01.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H01\_A025 3',  
mRNA sequence.:Start:1:Stop:398

GBEQ2532 GenBank RC|Acc|CD528479|Ver|CD528479.1  
GI:31567101|LeukoN3\_2\_F10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F10\_A025 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ2533 GenBank RC|Acc|CD528469|Ver|CD528469.1  
GI:31567091|LeukoN3\_2\_A07.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A07\_A025 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ2534 GenBank RC|Acc|CD528317|Ver|CD528317.1  
GI:31566939|LeukoN3\_1\_B11.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B11\_A025 3',  
mRNA sequence.:Start:1:Stop:509

GBEQ2535 GenBank RC|Acc|CD528279|Ver|CD528279.1  
GI:31566901|LeukoN3\_1\_B03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B03\_A025 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ2536 GenBank RC|Acc|CD472120|Ver|CD472120.1  
GI:31393388|LeukoS6\_1\_E09.b1\_A028 Stimulated peripheral blood



leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E09\_A028 3',  
mRNA sequence.:Start:1:Stop:247

GBEQ2537 GenBank RC|Acc|CD471073|Ver|CD471073.1  
GI:31392341|LeukoS5\_4\_D03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D03\_A027 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ2538 GenBank RC|Acc|CD470032|Ver|CD470032.1  
GI:31391300|LeukoS4\_1\_D03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_D03\_A026 3',  
mRNA sequence.:Start:1:Stop:649

GBEQ2539 GenBank RC|Acc|CD467679|Ver|CD467679.1  
GI:31388947|LeukoS1\_6\_C07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C07\_A023 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ2540 GenBank RC|Acc|CD467211|Ver|CD467211.1  
GI:31388479|LeukoS1\_3\_C05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C05\_A023 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ2541 GenBank RC|Acc|CD466937|Ver|CD466937.1  
GI:31388205|LeukoS1\_1\_C02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C02\_A023 3',  
mRNA sequence.:Start:1:Stop:703

GBEQ2542 GenBank RC|Acc|CD466601|Ver|CD466601.1  
GI:31387869|LeukoN2\_7\_D07.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D07\_A024 3',  
mRNA sequence.:Start:1:Stop:553

GBEQ2543 GenBank RC|Acc|CD465648|Ver|CD465648.1  
GI:31386916|LeukoN1\_6\_G09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G09\_A023 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ2544 GenBank RC|Acc|CD465526|Ver|CD465526.1  
GI:31386794|LeukoN1\_5\_C05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C05\_A023 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ2545 GenBank RC|Acc|CD465427|Ver|CD465427.1  
GI:31386695|LeukoN1\_4\_F09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F09\_A023 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ2546 GenBank RC|Acc|CD465397|Ver|CD465397.1  
GI:31386665|LeukoN1\_4\_C01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_C01\_A023 3',  
mRNA sequence.:Start:1:Stop:510

GBEQ2547 GenBank RC|Acc|CD464982|Ver|CD464982.1  
GI:31386250|LeukoN1\_1\_A04.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_A04\_A023 3',  
mRNA sequence.:Start:1:Stop:464

GBEQ2548 GenBank RC|Acc|CD464842|Ver|CD464842.1  
GI:31386110|LeukoN4\_5\_F10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F10\_A026 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ2549 GenBank RC|Acc|CD464699|Ver|CD464699.1  
GI:31385967|LeukoN4\_6\_G12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_G12\_A026 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ2550 GenBank RC|Acc|CD464616|Ver|CD464616.1  
GI:31385884|LeukoN4\_1\_D04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D04\_A026 3',  
mRNA sequence.:Start:1:Stop:660

GBEQ2551 GenBank RC|Acc|CD464475|Ver|CD464475.1  
GI:31385743|LeukoN4\_4\_G03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_G03\_A026 3',  
mRNA sequence.:Start:1:Stop:656

GBEQ2552 GenBank RC|Acc|CD464469|Ver|CD464469.1  
GI:31385737|LeukoN4\_4\_H01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_H01\_A026 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ2553 GenBank RC|Acc|CD464340|Ver|CD464340.1  
GI:31385608|LeukoN4\_3\_H04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H04\_A026 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ2554 GenBank RC|Acc|CD464307|Ver|CD464307.1  
GI:31385575|LeukoN4\_3\_A03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_A03\_A026 3',  
mRNA sequence.:Start:1:Stop:384

GBEQ2555 GenBank RC|Acc|BM781439|Ver|BM781439.1  
GI:19129671|MLN1\_8\_B02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:10:Stop:641

GBEQ2556 GenBank RC|Acc|BM781438|Ver|BM781438.1  
GI:19129670|MLN1\_8\_B01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:29:Stop:652

GBEQ2557 GenBank RC|Acc|BM781436|Ver|BM781436.1  
GI:19129668|MLN1\_8\_B12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:565

GBEQ2558 GenBank RC|Acc|BM781435|Ver|BM781435.1  
GI:19129667|MLN1\_8\_B04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:517

GBEQ2559 GenBank RC|Acc|BM781429|Ver|BM781429.1  
GI:19129661|MLN1\_8\_B05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:645

GBEQ2560 GenBank RC|Acc|BM781422|Ver|BM781422.1  
GI:19129654|MLN1\_8\_C02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:641

GBEQ2561 GenBank RC|Acc|BM781418|Ver|BM781418.1  
GI:19129650|MLN1\_8\_D02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:570

GBEQ2562 GenBank RC|Acc|BM781413|Ver|BM781413.1  
GI:19129645|MLN1\_8\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:634

GBEQ2563 GenBank RC|Acc|BM781409|Ver|BM781409.1  
GI:19129641|MLN1\_8\_E02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:24:Stop:618

GBEQ2564 GenBank RC|Acc|BM781408|Ver|BM781408.1  
GI:19129640|MLN1\_8\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:641

GBEQ2565 GenBank RC|Acc|BM781404|Ver|BM781404.1  
GI:19129636|MLN1\_8\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:654

GBEQ2566 GenBank RC|Acc|BM781400|Ver|BM781400.1  
GI:19129632|MLN1\_8\_F03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:73:Stop:616

GBEQ2567 GenBank RC|Acc|BM781396|Ver|BM781396.1  
GI:19129628|MLN1\_8\_G02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:12:Stop:299

GBEQ2568 GenBank RC|Acc|BM781391|Ver|BM781391.1  
GI:19129623|MLN1\_8\_G08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:648

GBEQ2569 GenBank RC|Acc|BM781388|Ver|BM781388.1  
GI:19129620|MLN1\_8\_G05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:636

GBEQ2570 GenBank RC|Acc|BM781387|Ver|BM781387.1  
GI:19129619|MLN1\_8\_G04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:574

GBEQ2571 GenBank RC|Acc|BM781386|Ver|BM781386.1  
GI:19129618|MLN1\_8\_G12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:292

GBEQ2572 GenBank RC|Acc|BM781378|Ver|BM781378.1  
GI:19129610|MLN1\_8\_H11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:150:Stop:614

GBEQ2573 GenBank RC|Acc|BM781376|Ver|BM781376.1  
GI:19129608|MLN1\_8\_H09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:542

GBEQ2574 GenBank RC|Acc|BM781372|Ver|BM781372.1  
GI:19129604|MLN1\_7\_A09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:578

GBEQ2575 GenBank RC|Acc|BM781369|Ver|BM781369.1  
GI:19129601|MLN1\_7\_B01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:614

GBEQ2576 GenBank RC|Acc|BM781365|Ver|BM781365.1  
GI:19129597|MLN1\_7\_B10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:579

GBEQ2577 GenBank RC|Acc|BM781363|Ver|BM781363.1  
GI:19129595|MLN1\_7\_B08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:557

GBEQ2578 GenBank RC|Acc|BM781362|Ver|BM781362.1  
GI:19129594|MLN1\_7\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:17:Stop:659

GBEQ2579 GenBank RC|Acc|BM781351|Ver|BM781351.1  
GI:19129583|MLN1\_7\_D07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:577

GBEQ2580 GenBank RC|Acc|BM781347|Ver|BM781347.1  
GI:19129579|MLN1\_7\_D04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:28:Stop:651

GBEQ2581 GenBank RC|Acc|BM781335|Ver|BM781335.1  
GI:19129567|MLN1\_7\_E10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:395

GBEQ2582 GenBank RC|Acc|BM781334|Ver|BM781334.1  
GI:19129566|MLN1\_7\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:553

GBEQ2583 GenBank RC|Acc|BM781332|Ver|BM781332.1  
GI:19129564|MLN1\_7\_E07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:13:Stop:647

GBEQ2584 GenBank RC|Acc|BM781329|Ver|BM781329.1  
GI:19129561|MLN1\_7\_F08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:619

GBEQ2585 GenBank RC|Acc|BM781326|Ver|BM781326.1  
GI:19129558|MLN1\_7\_F05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:473

GBEQ2586 GenBank RC|Acc|BM781319|Ver|BM781319.1  
GI:19129551|MLN1\_7\_G02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:603

GBEQ2587 GenBank RC|Acc|BM781318|Ver|BM781318.1  
GI:19129550|MLN1\_7\_G01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:611

GBEQ2588 GenBank RC|Acc|BM781314|Ver|BM781314.1  
GI:19129546|MLN1\_7\_G06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:38:Stop:649

GBEQ2589 GenBank RC|Acc|BM781311|Ver|BM781311.1  
GI:19129543|MLN1\_7\_G11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:514

GBEQ2590 GenBank RC|Acc|BM781303|Ver|BM781303.1  
GI:19129535|MLN1\_6\_A02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:58:Stop:609

GBEQ2591 GenBank RC|Acc|BM781297|Ver|BM781297.1  
GI:19129529|MLN1\_6\_B05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:78:Stop:670

GBEQ2592 GenBank RC|Acc|BM781295|Ver|BM781295.1  
GI:19129527|MLN1\_6\_B03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:73:Stop:571

GBEQ2593 GenBank RC|Acc|BM781293|Ver|BM781293.1  
GI:19129525|MLN1\_6\_A11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:653

GBEQ2594 GenBank RC|Acc|BM781287|Ver|BM781287.1  
GI:19129519|MLN1\_6\_B09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:535

GBEQ2595 GenBank RC|Acc|BM781285|Ver|BM781285.1  
GI:19129517|MLN1\_6\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:109:Stop:510

GBEQ2596 GenBank RC|Acc|BM781284|Ver|BM781284.1  
GI:19129516|MLN1\_6\_C09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:655

GBEQ2597 GenBank RC|Acc|BM781282|Ver|BM781282.1  
GI:19129514|MLN1\_6\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:640

GBEQ2598 GenBank RC|Acc|BM781280|Ver|BM781280.1  
GI:19129512|MLN1\_6\_C06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:107:Stop:647

GBEQ2599 GenBank RC|Acc|BM781278|Ver|BM781278.1  
GI:19129510|MLN1\_6\_C04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:66:Stop:595

GBEQ2600 GenBank RC|Acc|BM781277|Ver|BM781277.1  
GI:19129509|MLN1\_6\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:42:Stop:607

GBEQ2601 GenBank RC|Acc|BM781275|Ver|BM781275.1  
GI:19129507|MLN1\_6\_D04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:47:Stop:555

GBEQ2602 GenBank RC|Acc|BM781274|Ver|BM781274.1  
GI:19129506|MLN1\_6\_C10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:612

GBEQ2603 GenBank RC|Acc|BM781272|Ver|BM781272.1  
GI:19129504|MLN1\_6\_D02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:42:Stop:630

GBEQ2604 GenBank RC|Acc|BM781265|Ver|BM781265.1  
GI:19129497|MLN1\_6\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:651

GBEQ2605 GenBank RC|Acc|BM781263|Ver|BM781263.1  
GI:19129495|MLN1\_6\_E08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:297

GBEQ2606 GenBank RC|Acc|BM781260|Ver|BM781260.1  
GI:19129492|MLN1\_6\_E03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:66:Stop:626

GBEQ2607 GenBank RC|Acc|BM781256|Ver|BM781256.1  
GI:19129488|MLN1\_6\_F03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:61:Stop:582

GBEQ2608 GenBank RC|Acc|BM781252|Ver|BM781252.1  
GI:19129484|MLN1\_6\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:38:Stop:648

GBEQ2609 GenBank RC|Acc|BM781244|Ver|BM781244.1  
GI:19129476|MLN1\_6\_G07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:669

GBEQ2610 GenBank RC|Acc|BM781240|Ver|BM781240.1  
GI:19129472|MLN1\_6\_G10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:656

GBEQ2611 GenBank RC|Acc|BM781236|Ver|BM781236.1  
GI:19129468|MLN1\_6\_G11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:11:Stop:658

GBEQ2612 GenBank RC|Acc|BM781232|Ver|BM781232.1  
GI:19129464|MLN1\_6\_H10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:627

GBEQ2613 GenBank RC|Acc|BM781226|Ver|BM781226.1  
GI:19129458|MLN1\_5\_F10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:581

GBEQ2614 GenBank RC|Acc|BM781224|Ver|BM781224.1  
GI:19129456|MLN1\_5\_F08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:35:Stop:634

GBEQ2615 GenBank RC|Acc|BM781221|Ver|BM781221.1  
GI:19129453|MLN1\_5\_F05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:15:Stop:614

GBEQ2616 GenBank RC|Acc|BM781219|Ver|BM781219.1  
GI:19129451|MLN1\_5\_G07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:61:Stop:665

GBEQ2617 GenBank RC|Acc|BM781216|Ver|BM781216.1  
GI:19129448|MLN1\_5\_G03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:25:Stop:538

GBEQ2618 GenBank RC|Acc|BM781207|Ver|BM781207.1  
GI:19129439|MLN1\_5\_H05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:503

GBEQ2619 GenBank RC|Acc|BM781203|Ver|BM781203.1  
GI:19129435|MLN1\_5\_H09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:59:Stop:547

GBEQ2620 GenBank RC|Acc|BM781201|Ver|BM781201.1  
GI:19129433|MLN1\_5\_H07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:628

GBEQ2621 GenBank RC|Acc|BM781197|Ver|BM781197.1  
GI:19129429|MLN1\_5\_A02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:547

GBEQ2622 GenBank RC|Acc|BM781193|Ver|BM781193.1  
GI:19129425|MLN1\_5\_B01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:556

GBEQ2623 GenBank RC|Acc|BM781189|Ver|BM781189.1  
GI:19129421|MLN1\_5\_A09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:365

GBEQ2624 GenBank RC|Acc|BM781181|Ver|BM781181.1  
GI:19129413|MLN1\_5\_B12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:13:Stop:625

GBEQ2625 GenBank RC|Acc|BM781168|Ver|BM781168.1  
GI:19129400|MLN1\_5\_C10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:641

GBEQ2626 GenBank RC|Acc|BM781166|Ver|BM781166.1  
GI:19129398|MLN1\_5\_D04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:517

GBEQ2627 GenBank RC|Acc|BM781165|Ver|BM781165.1  
GI:19129397|MLN1\_5\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:617



GBEQ2628 GenBank RC|Acc|BM781164|Ver|BM781164.1  
GI:19129396|MLN1\_5\_D10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:619

GBEQ2629 GenBank RC|Acc|BM781158|Ver|BM781158.1  
GI:19129390|MLN1\_5\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:658

GBEQ2630 GenBank RC|Acc|BM781157|Ver|BM781157.1  
GI:19129389|MLN1\_5\_E06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:50:Stop:652

GBEQ2631 GenBank RC|Acc|BM781145|Ver|BM781145.1  
GI:19129377|MLN1\_4\_A06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:26:Stop:622

GBEQ2632 GenBank RC|Acc|BM781143|Ver|BM781143.1  
GI:19129375|MLN1\_4\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:499

GBEQ2633 GenBank RC|Acc|BM781142|Ver|BM781142.1  
GI:19129374|MLN1\_4\_A03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:557

GBEQ2634 GenBank RC|Acc|BM781139|Ver|BM781139.1  
GI:19129371|MLN1\_4\_A08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:12:Stop:671

GBEQ2635 GenBank RC|Acc|BM781131|Ver|BM781131.1  
GI:19129363|MLN1\_4\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:604

GBEQ2636 GenBank RC|Acc|BM781127|Ver|BM781127.1  
GI:19129359|MLN1\_4\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:63:Stop:666

GBEQ2637 GenBank RC|Acc|BM781126|Ver|BM781126.1  
GI:19129358|MLN1\_4\_C06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:24:Stop:584

GBEQ2638 GenBank RC|Acc|BM781108|Ver|BM781108.1  
GI:19129340|MLN1\_4\_E05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:66:Stop:632

GBEQ2639 GenBank RC|Acc|BM781102|Ver|BM781102.1  
GI:19129334|MLN1\_4\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:27:Stop:654

GBEQ2640 GenBank RC|Acc|BM781097|Ver|BM781097.1  
GI:19129329|MLN1\_4\_E08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:570

GBEQ2641 GenBank RC|Acc|BM781095|Ver|BM781095.1  
GI:19129327|MLN1\_4\_F10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:433

GBEQ2642 GenBank RC|Acc|BM781094|Ver|BM781094.1  
GI:19129326|MLN1\_4\_F09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:660

GBEQ2643 GenBank RC|Acc|BM781092|Ver|BM781092.1  
GI:19129324|MLN1\_4\_F07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:646

GBEQ2644 GenBank RC|Acc|BM781091|Ver|BM781091.1  
GI:19129323|MLN1\_4\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:624

GBEQ2645 GenBank RC|Acc|BM781089|Ver|BM781089.1  
GI:19129321|MLN1\_4\_F12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:653

GBEQ2646 GenBank RC|Acc|BM781085|Ver|BM781085.1  
GI:19129317|MLN1\_4\_G03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:62:Stop:627

GBEQ2647 GenBank RC|Acc|BM781082|Ver|BM781082.1  
GI:19129314|MLN1\_4\_G08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:638

GBEQ2648 GenBank RC|Acc|BM781069|Ver|BM781069.1  
GI:19129301|MLN1\_3\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:643

GBEQ2649 GenBank RC|Acc|BM781067|Ver|BM781067.1  
GI:19129299|MLN1\_3\_E10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:562

GBEQ2650 GenBank RC|Acc|BM781066|Ver|BM781066.1  
GI:19129298|MLN1\_3\_F11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:602

GBEQ2651 GenBank RC|Acc|BM781061|Ver|BM781061.1  
GI:19129293|MLN1\_3\_G07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:49:Stop:670

GBEQ2652 GenBank RC|Acc|BM781049|Ver|BM781049.1  
GI:19129281|MLN1\_3\_H07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:640

GBEQ2653 GenBank RC|Acc|BM781048|Ver|BM781048.1  
GI:19129280|MLN1\_3\_H05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:13:Stop:663

GBEQ2654 GenBank RC|Acc|BM781041|Ver|BM781041.1  
GI:19129273|MLN1\_3\_A06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:630

GBEQ2655 GenBank RC|Acc|BM781037|Ver|BM781037.1  
GI:19129269|MLN1\_3\_B05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:599

GBEQ2656 GenBank RC|Acc|BM781033|Ver|BM781033.1  
GI:19129265|MLN1\_3\_A12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:12:Stop:655

GBEQ2657 GenBank RC|Acc|BM781032|Ver|BM781032.1  
GI:19129264|MLN1\_3\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:538

GBEQ2658 GenBank RC|Acc|BM781025|Ver|BM781025.1  
GI:19129257|MLN1\_3\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:12:Stop:519

GBEQ2659 GenBank RC|Acc|BM781014|Ver|BM781014.1  
GI:19129246|MLN1\_3\_D01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:565

GBEQ2660 GenBank RC|Acc|BM781013|Ver|BM781013.1  
GI:19129245|MLN1\_3\_C12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:671

GBEQ2661 GenBank RC|Acc|BM781005|Ver|BM781005.1  
GI:19129237|MLN1\_3\_E06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:46:Stop:654

GBEQ2662 GenBank RC|Acc|BM781004|Ver|BM781004.1  
GI:19129236|MLN1\_3\_E05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:93:Stop:659

GBEQ2663 GenBank RC|Acc|BM780987|Ver|BM780987.1  
GI:19129219|MLN1\_2\_B10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:144:Stop:435

GBEQ2664 GenBank RC|Acc|BM780984|Ver|BM780984.1  
GI:19129216|MLN1\_2\_C08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:21:Stop:635

GBEQ2665 GenBank RC|Acc|BM780978|Ver|BM780978.1  
GI:19129210|MLN1\_2\_E01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:573

GBEQ2666 GenBank RC|Acc|BM780977|Ver|BM780977.1  
GI:19129209|MLN1\_2\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:24:Stop:645

GBEQ2667 GenBank RC|Acc|BM780971|Ver|BM780971.1  
GI:19129203|MLN1\_2\_E07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:46:Stop:604

GBEQ2668 GenBank RC|Acc|BM780968|Ver|BM780968.1  
GI:19129200|MLN1\_2\_E03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:29:Stop:586

GBEQ2669 GenBank RC|Acc|BM780950|Ver|BM780950.1  
GI:19129182|MLN1\_2\_H01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:551

GBEQ2670 GenBank RC|Acc|BM780949|Ver|BM780949.1  
GI:19129181|MLN1\_2\_G12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:554

GBEQ2671 GenBank RC|Acc|BM780947|Ver|BM780947.1  
GI:19129179|MLN1\_2\_H09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:548

GBEQ2672 GenBank RC|Acc|BM780946|Ver|BM780946.1  
GI:19129178|MLN1\_1\_A03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:515

GBEQ2673 GenBank RC|Acc|BM780940|Ver|BM780940.1  
GI:19129172|MLN1\_1\_A07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:345

GBEQ2674 GenBank RC|Acc|BM780932|Ver|BM780932.1  
GI:19129164|MLN1\_1\_C01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:31:Stop:418

GBEQ2675 GenBank RC|Acc|BM780928|Ver|BM780928.1  
GI:19129160|MLN1\_1\_B09.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:33:Stop:464

GBEQ2676 GenBank RC|Acc|BM780921|Ver|BM780921.1  
GI:19129153|MLN1\_1\_C04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:473

GBEQ2677 GenBank RC|Acc|BM780917|Ver|BM780917.1  
GI:19129149|MLN1\_1\_D03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:476

GBEQ2678 GenBank RC|Acc|BM780915|Ver|BM780915.1  
GI:19129147|MLN1\_1\_D01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:14:Stop:454

GBEQ2679 GenBank RC|Acc|BM780912|Ver|BM780912.1  
GI:19129144|MLN1\_1\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:65:Stop:401

GBEQ2680 GenBank RC|Acc|BM780905|Ver|BM780905.1  
GI:19129137|MLN1\_1\_E04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:65:Stop:494

GBEQ2681 GenBank RC|Acc|BM780904|Ver|BM780904.1  
GI:19129136|MLN1\_1\_E03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:486

GBEQ2682 GenBank RC|Acc|BM780902|Ver|BM780902.1  
GI:19129134|MLN1\_1\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:27:Stop:488

GBEQ2683 GenBank RC|Acc|BM780898|Ver|BM780898.1  
GI:19129130|MLN1\_1\_F11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:102:Stop:399

GBEQ2684 GenBank RC|Acc|BM780897|Ver|BM780897.1  
GI:19129129|MLN1\_1\_F10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:65:Stop:402

GBEQ2685 GenBank RC|Acc|BM780886|Ver|BM780886.1  
GI:19129118|MLN1\_1\_H06.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:421

GBEQ2686 GenBank RC|Acc|BM780882|Ver|BM780882.1  
GI:19129114|MLN1\_1\_H07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:116:Stop:431

GBEQ2687 GenBank RC|Acc|BM735592|Ver|BM735592.1  
GI:19056925|MONO1\_21\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:25:Stop:696

GBEQ2688 GenBank RC|Acc|BM735570|Ver|BM735570.1  
 GI:19056903|MONO1\_21\_E07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:10:Stop:535

GBEQ2689 GenBank RC|Acc|BM735528|Ver|BM735528.1  
 GI:19056861|MONO1\_19\_A05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:536

GBEQ2690 GenBank RC|Acc|BM735474|Ver|BM735474.1  
 GI:19056807|MONO1\_19\_F08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:483

GBEQ2691 GenBank RC|Acc|BM735394|Ver|BM735394.1  
 GI:19056727|MONO1\_20\_B09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:2:Stop:685

GBEQ2692 GenBank RC|Acc|BM735373|Ver|BM735373.1  
 GI:19056706|MONO1\_20\_C08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:533

GBEQ2693 GenBank RC|Acc|BM735295|Ver|BM735295.1  
 GI:19056628|MONO1\_18\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:10:Stop:653

GBEQ2694 GenBank RC|Acc|BM735209|Ver|BM735209.1  
 GI:19056542|MONO1\_17\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:645

GBEQ2695 GenBank RC|Acc|BM735195|Ver|BM735195.1  
 GI:19056528|MONO1\_17\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:8:Stop:621

GBEQ2696 GenBank RC|Acc|BM735111|Ver|BM735111.1  
 GI:19056444|MONO1\_16\_G02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:10:Stop:646

GBEQ2697 GenBank RC|Acc|BM734994|Ver|BM734994.1  
 GI:19056327|MONO1\_15\_C02.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:7:Stop:601

GBEQ2698 GenBank RC|Acc|BM734971|Ver|BM734971.1  
 GI:19056304|MONO1\_15\_E06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:661

GBEQ2699 GenBank RC|Acc|BM734968|Ver|BM734968.1  
 GI:19056301|MONO1\_15\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:154

GBEQ2700 GenBank RC|Acc|BM734902|Ver|BM734902.1  
GI:19056235|MONO1\_14\_E04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:33:Stop:686

GBEQ2701 GenBank RC|Acc|BM734876|Ver|BM734876.1  
GI:19056209|MONO1\_14\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:673

GBEQ2702 GenBank RC|Acc|BM734868|Ver|BM734868.1  
GI:19056201|MONO1\_14\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:585

GBEQ2703 GenBank RC|Acc|BM734851|Ver|BM734851.1  
GI:19056184|MONO1\_13\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:40:Stop:682

GBEQ2704 GenBank RC|Acc|BM734844|Ver|BM734844.1  
GI:19056177|MONO1\_13\_B07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:697

GBEQ2705 GenBank RC|Acc|BM734807|Ver|BM734807.1  
GI:19056140|MONO1\_13\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:700

GBEQ2706 GenBank RC|Acc|BM734803|Ver|BM734803.1  
GI:19056136|MONO1\_13\_G01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:266

GBEQ2707 GenBank RC|Acc|BM734736|Ver|BM734736.1  
GI:19056069|MONO1\_12\_E05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:686

GBEQ2708 GenBank RC|Acc|BM734729|Ver|BM734729.1  
GI:19056062|MONO1\_12\_F03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:617

GBEQ2709 GenBank RC|Acc|BM734708|Ver|BM734708.1  
GI:19056041|MONO1\_12\_H01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:607

GBEQ2710 GenBank RC|Acc|BM734702|Ver|BM734702.1  
GI:19056035|MONO1\_12\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:673

GBEQ2711 GenBank RC|Acc|BM734701|Ver|BM734701.1  
GI:19056034|MONO1\_12\_H10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:651

GBEQ2712 GenBank RC|Acc|BM734543|Ver|BM734543.1  
 GI:19055876|MONO1\_9\_H08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:28:Stop:647

GBEQ2713 GenBank RC|Acc|BM734465|Ver|BM734465.1  
 GI:19055812|MONO1\_9\_B09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:650

GBEQ2714 GenBank RC|Acc|BM734474|Ver|BM734474.1  
 GI:19055792|MONO1\_8\_A04.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:5:Stop:467

GBEQ2715 GenBank RC|Acc|BI961888|Ver|BI961888.1  
 GI:16320091|MONO1\_7\_H09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:539

GBEQ2716 GenBank RC|Acc|BI961814|Ver|BI961814.1  
 GI:16320017|MONO1\_4\_H09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:475

GBEQ2717 GenBank RC|Acc|BI961810|Ver|BI961810.1  
 GI:16320013|MONO1\_4\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:316

GBEQ2718 GenBank RC|Acc|BI961723|Ver|BI961723.1  
 GI:16319926|MONO1\_3\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:127:Stop:643

GBEQ2719 GenBank RC|Acc|BI961326|Ver|BI961326.1  
 GI:16319529|MONO1\_4\_A12.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:454

GBEQ2720 GenBank RC|Acc|BI961248|Ver|BI961248.1  
 GI:16319451|MONO1\_7\_H09.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:426

GBEQ2721 GenBank RC|Acc|AW735739|Ver|AW735739.1  
 GI:12000951|HEST007 Horse INRA cDNA Library Equus caballus cDNA,  
 mRNA sequence.:Start:1:Stop:573

GBEQ2722 GenBank RC|Acc|AW735736|Ver|AW735736.1  
 GI:12000948|HESTG05 Horse INRA cDNA Library Equus caballus cDNA,  
 mRNA sequence.:Start:1:Stop:516

GBEQ2723 GenBank RC|Acc|AW735735|Ver|AW735735.1  
 GI:12000947|HESTG03 Horse INRA cDNA Library Equus caballus cDNA,  
 mRNA sequence.:Start:1:Stop:491



GBEQ2724 GenBank RC|Acc|CD536500|Ver|CD536500.1  
GI:31578915|LeukoN6\_8\_D07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_D07\_A028 3',  
mRNA sequence.:Start:1:Stop:590

GBEQ2725 GenBank RC|Acc|CD536392|Ver|CD536392.1  
GI:31578807|LeukoN6\_7\_D12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D12\_A028 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ2726 GenBank RC|Acc|CD535466|Ver|CD535466.1  
GI:31577881|LeukoN5\_4\_H07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H07\_A027 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ2727 GenBank RC|Acc|CD535454|Ver|CD535454.1  
GI:31577869|LeukoN5\_4\_G04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:506

GBEQ2728 GenBank RC|Acc|CD535333|Ver|CD535333.1  
GI:31577748|LeukoN5\_2\_G04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_G04\_A027 3',  
mRNA sequence.:Start:1:Stop:736

GBEQ2729 GenBank RC|Acc|CD535173|Ver|CD535173.1  
GI:31577588|LeukoN5\_1\_A01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A01\_A027 3',  
mRNA sequence.:Start:1:Stop:408

GBEQ2730 GenBank RC|Acc|CD535170|Ver|CD535170.1  
GI:31577585|LeukoN5\_1\_D07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_D07\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ2731 GenBank RC|Acc|CD472153|Ver|CD472153.1  
GI:31393421|LeukoS6\_1\_G01.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_G01\_A028 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ2732 GenBank RC|Acc|CD468996|Ver|CD468996.1  
GI:31390264|LeukoS2\_1\_D05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_D05\_A024 3',  
mRNA sequence.:Start:1:Stop:675

GBEQ2733 GenBank RC|Acc|CD468284|Ver|CD468284.1  
GI:31389552|LeukoS3\_2\_C08.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C08\_A025 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ2734 GenBank RC|Acc|CD467673|Ver|CD467673.1  
GI:31388941|LeukoS1\_6\_E10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2735 GenBank RC|Acc|CD467536|Ver|CD467536.1  
GI:31388804|LeukoS1\_5\_A10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A10\_A023 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ2736 GenBank RC|Acc|CD467507|Ver|CD467507.1  
GI:31388775|LeukoS1\_5\_C12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_C12\_A023 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ2737 GenBank RC|Acc|CD467361|Ver|CD467361.1  
GI:31388629|LeukoS1\_4\_C09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C09\_A023 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ2738 GenBank RC|Acc|CD465294|Ver|CD465294.1  
GI:31386562|LeukoN1\_3\_A06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_A06\_A023 3',  
mRNA sequence.:Start:1:Stop:467

GBEQ2739 GenBank RC|Acc|BM781440|Ver|BM781440.1  
GI:19129672|MLN1\_8\_B03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:452

GBEQ2740 GenBank RC|Acc|BM781403|Ver|BM781403.1  
GI:19129635|MLN1\_8\_E11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:633

GBEQ2741 GenBank RC|Acc|BM781382|Ver|BM781382.1  
GI:19129614|MLN1\_8\_H03.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:26:Stop:637

GBEQ2742 GenBank RC|Acc|BM781375|Ver|BM781375.1  
GI:19129607|MLN1\_7\_A01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:8:Stop:620

GBEQ2743 GenBank RC|Acc|BM781323|Ver|BM781323.1  
GI:19129555|MLN1\_7\_G05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:609

GBEQ2744 GenBank RC|Acc|BM781288|Ver|BM781288.1  
GI:19129520|MLN1\_6\_B10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:4:Stop:670

GBEQ2745 GenBank RC|Acc|BM781286|Ver|BM781286.1  
GI:19129518|MLN1\_6\_B08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:22:Stop:668

GBEQ2746 GenBank RC|Acc|BM781246|Ver|BM781246.1  
GI:19129478|MLN1\_6\_F07.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:73:Stop:460

GBEQ2747 GenBank RC|Acc|BM781235|Ver|BM781235.1  
GI:19129467|MLN1\_6\_H12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:635

GBEQ2748 GenBank RC|Acc|BM781210|Ver|BM781210.1  
GI:19129442|MLN1\_5\_G12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:2:Stop:523

GBEQ2749 GenBank RC|Acc|BM781116|Ver|BM781116.1  
GI:19129348|MLN1\_4\_D10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:606

GBEQ2750 GenBank RC|Acc|BM781003|Ver|BM781003.1  
GI:19129235|MLN1\_3\_E04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:22:Stop:632

GBEQ2751 GenBank RC|Acc|BM780979|Ver|BM780979.1  
GI:19129211|MLN1\_2\_D01.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:37:Stop:425

GBEQ2752 GenBank RC|Acc|BM780896|Ver|BM780896.1  
GI:19129128|MLN1\_1\_F08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:29:Stop:456

GBEQ2753 GenBank RC|Acc|BM780889|Ver|BM780889.1  
GI:19129121|MLN1\_1\_G11.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:11:Stop:359

GBEQ2754 GenBank RC|Acc|BM780535|Ver|BM780535.1  
GI:19128767|APL1\_4\_H04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:32:Stop:569

GBEQ2755 GenBank RC|Acc|BM780415|Ver|BM780415.1  
GI:19128647|APL1\_2\_C04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:68:Stop:576

GBEQ2756 GenBank RC|Acc|BM735505|Ver|BM735505.1  
GI:19056838|MONO1\_19\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:52:Stop:658

GBEQ2757 GenBank RC|Acc|BM735289|Ver|BM735289.1  
GI:19056622|MONO1\_18\_F09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:649

GBEQ2758 GenBank RC|Acc|BM735023|Ver|BM735023.1  
GI:19056356|MONO1\_23\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:672

GBEQ2759 GenBank RC|Acc|BM734560|Ver|BM734560.1  
GI:19055893|MONO1\_10\_B09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:23:Stop:640

GBEQ2760 GenBank RC|Acc|BI961438|Ver|BI961438.1  
GI:16319641|MONO1\_5\_E09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:48:Stop:562

GBEQ2761 GenBank Acc|CD536744|Ver|CD536744.1  
GI:31579159|LeukoN6\_6\_F06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_F06\_A028 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ2762 GenBank Acc|CD536656|Ver|CD536656.1  
GI:31579071|LeukoN6\_5\_H04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:660

GBEQ2763 GenBank Acc|CD536388|Ver|CD536388.1  
GI:31578803|LeukoN6\_7\_E07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_E07\_A028 3',  
mRNA sequence.:Start:1:Stop:529

GBEQ2764 GenBank Acc|CD536095|Ver|CD536095.1  
GI:31578510|LeukoN6\_3\_A10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_A10\_A028 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ2765 GenBank Acc|CD535980|Ver|CD535980.1  
GI:31578395|LeukoN6\_2\_H04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H04\_A028 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ2766 GenBank Acc|CD535972|Ver|CD535972.1  
GI:31578387|LeukoN6\_2\_A08.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_A08\_A028 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ2767 GenBank Acc|CD535682|Ver|CD535682.1  
GI:31578097|LeukoN5\_7\_E08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:612

GBEQ2768 GenBank Acc|CD535670|Ver|CD535670.1  
GI:31578085|LeukoN5\_7\_H05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H05\_A027 3',  
mRNA sequence.:Start:1:Stop:662

GBEQ2769 GenBank Acc|CD535647|Ver|CD535647.1  
GI:31578062|LeukoN5\_7\_H09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H09\_A027 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ2770 GenBank Acc|CD535459|Ver|CD535459.1  
GI:31577874|LeukoN5\_4\_G08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G08\_A027 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ2771 GenBank Acc|CD535441|Ver|CD535441.1  
GI:31577856|LeukoN5\_4\_F05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F05\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ2772 GenBank Acc|CD535082|Ver|CD535082.1  
GI:31577497|LeukoN5\_3\_A04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A04\_A027 3',  
mRNA sequence.:Start:1:Stop:502

GBEQ2773 GenBank Acc|CD528771|Ver|CD528771.1  
GI:31567393|LeukoN3\_7\_A08.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A08\_A025 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ2774 GenBank Acc|CD528752|Ver|CD528752.1  
GI:31567374|LeukoN3\_7\_H03.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H03\_A025 3',  
mRNA sequence.:Start:1:Stop:678

GBEQ2775 GenBank Acc|CD528633|Ver|CD528633.1  
GI:31567255|LeukoN3\_3\_G05.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_G05\_A025 3',  
mRNA sequence.:Start:1:Stop:653

GBEQ2776 GenBank Acc|CD528570|Ver|CD528570.1  
GI:31567192|LeukoN3\_3\_H11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H11\_A025 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ2777 GenBank Acc|CD528302|Ver|CD528302.1  
GI:31566924|LeukoN3\_1\_E04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:509

GBEQ2778 GenBank Acc|CD528129|Ver|CD528129.1  
GI:31566751|LeukoN3\_4\_G06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_G06\_A025 3',  
mRNA sequence.:Start:1:Stop:494

GBEQ2779 GenBank Acc|CD472299|Ver|CD472299.1  
GI:31393567|LeukoS6\_5\_E12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E12\_A028 3',  
mRNA sequence.:Start:1:Stop:464

GBEQ2780 GenBank Acc|CD471234|Ver|CD471234.1  
GI:31392502|LeukoS5\_1\_A07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A07\_A027 3',  
mRNA sequence.:Start:1:Stop:579

GBEQ2781 GenBank Acc|CD471214|Ver|CD471214.1  
GI:31392482|LeukoS5\_1\_A12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A12\_A027 3',  
mRNA sequence.:Start:1:Stop:405

GBEQ2782 GenBank Acc|CD471191|Ver|CD471191.1  
GI:31392459|LeukoS5\_1\_B12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B12\_A027 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ2783 GenBank Acc|CD471180|Ver|CD471180.1  
GI:31392448|LeukoS5\_1\_A02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A02\_A027 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ2784 GenBank Acc|CD470886|Ver|CD470886.1  
GI:31392154|LeukoS5\_3\_E11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ2785 GenBank Acc|CD470751|Ver|CD470751.1  
GI:31392019|LeukoS5\_2\_F03.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_F03\_A027 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ2786 GenBank Acc|CD470737|Ver|CD470737.1  
GI:31392005|LeukoS5\_2\_E07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E07\_A027 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ2787 GenBank Acc|CD470227|Ver|CD470227.1  
GI:31391495|LeukoS4\_3\_B01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_B01\_A026 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ2788 GenBank Acc|CD469456|Ver|CD469456.1  
GI:31390724|LeukoS2\_4\_F10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ2789 GenBank Acc|CD468882|Ver|CD468882.1  
GI:31390150|LeukoS3\_8\_E08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_E08\_A025 3',  
mRNA sequence.:Start:1:Stop:742

GBEQ2790 GenBank Acc|CD468878|Ver|CD468878.1  
GI:31390146|LeukoS3\_8\_H06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H06\_A025 3',  
mRNA sequence.:Start:1:Stop:701

GBEQ2791 GenBank Acc|CD468782|Ver|CD468782.1  
GI:31390050|LeukoS3\_7\_H09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_H09\_A025 3',  
mRNA sequence.:Start:1:Stop:772

GBEQ2792 GenBank Acc|CD468568|Ver|CD468568.1  
GI:31389836|LeukoS3\_4\_B01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_B01\_A025 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ2793 GenBank Acc|CD468441|Ver|CD468441.1  
GI:31389709|LeukoS3\_3\_C04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C04\_A025 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ2794 GenBank Acc|CD468431|Ver|CD468431.1  
GI:31389699|LeukoS3\_3\_D01.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D01\_A025 3',  
mRNA sequence.:Start:1:Stop:386

GBEQ2795 GenBank Acc|CD468273|Ver|CD468273.1  
GI:31389541|LeukoS3\_2\_B02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_B02\_A025 3',  
mRNA sequence.:Start:1:Stop:552

GBEQ2796 GenBank Acc|CD468095|Ver|CD468095.1  
GI:31389363|LeukoS3\_1\_E03.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E03\_A025 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ2797 GenBank Acc|CD467641|Ver|CD467641.1  
GI:31388909|LeukoS1\_6\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:743

GBEQ2798 GenBank Acc|CD467414|Ver|CD467414.1  
GI:31388682|LeukoS1\_4\_C12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C12\_A023 3',  
mRNA sequence.:Start:1:Stop:717

GBEQ2799 GenBank Acc|CD467402|Ver|CD467402.1  
GI:31388670|LeukoS1\_4\_C05.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C05\_A023 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ2800 GenBank Acc|CD466701|Ver|CD466701.1  
GI:31387969|LeukoN2\_5\_A02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_A02\_A024 3',  
mRNA sequence.:Start:1:Stop:585

GBEQ2801 GenBank Acc|CD466287|Ver|CD466287.1  
GI:31387555|LeukoN2\_3\_E12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E12\_A024 3',  
mRNA sequence.:Start:1:Stop:751

GBEQ2802 GenBank Acc|CD466235|Ver|CD466235.1  
GI:31387503|LeukoN2\_3\_F03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F03\_A024 3',  
mRNA sequence.:Start:1:Stop:524

GBEQ2803 GenBank Acc|CD466094|Ver|CD466094.1  
GI:31387362|LeukoN2\_2\_H03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ2804 GenBank Acc|CD465983|Ver|CD465983.1  
GI:31387251|LeukoN2\_1\_A11.b1\_A024 Unstimulated peripheral blood



leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A11\_A024 3',  
mRNA sequence.:Start:1:Stop:699

GBEQ2805 GenBank Acc|CD465968|Ver|CD465968.1  
GI:31387236|LeukoN2\_1\_D10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D10\_A024 3',  
mRNA sequence.:Start:1:Stop:589

GBEQ2806 GenBank Acc|CD465732|Ver|CD465732.1  
GI:31387000|LeukoN1\_7\_F08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F08\_A023 3',  
mRNA sequence.:Start:1:Stop:571

GBEQ2807 GenBank Acc|CD465405|Ver|CD465405.1  
GI:31386673|LeukoN1\_4\_A11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2808 GenBank Acc|CD465394|Ver|CD465394.1  
GI:31386662|LeukoN1\_4\_F07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F07\_A023 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ2809 GenBank Acc|CD464722|Ver|CD464722.1  
GI:31385990|LeukoN4\_6\_D11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_D11\_A026 3',  
mRNA sequence.:Start:1:Stop:209

GBEQ2810 GenBank Acc|CD464606|Ver|CD464606.1  
GI:31385874|LeukoN4\_1\_H11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_H11\_A026 3',  
mRNA sequence.:Start:1:Stop:488

GBEQ2811 GenBank Acc|CD464572|Ver|CD464572.1  
GI:31385840|LeukoN4\_1\_D09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D09\_A026 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ2812 GenBank Acc|CD464435|Ver|CD464435.1  
GI:31385703|LeukoN4\_4\_A10.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_A10\_A026 3',  
mRNA sequence.:Start:1:Stop:312

GBEQ2813 GenBank Acc|CD464360|Ver|CD464360.1  
GI:31385628|LeukoN4\_3\_H12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H12\_A026 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ2814 GenBank Acc|CD464216|Ver|CD464216.1  
GI:31385484|LeukoN4\_2\_G03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_G03\_A026 3',  
mRNA sequence.:Start:1:Stop:616

GBEQ2815 GenBank Acc|BM780992|Ver|BM780992.1  
GI:19129224|MLN1\_2\_B08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:15:Stop:615

GBEQ2816 GenBank Acc|BM780777|Ver|BM780777.1  
GI:19129009|APL1\_8\_A04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:352

GBEQ2817 GenBank Acc|BM780724|Ver|BM780724.1  
GI:19128956|APL1\_8\_F10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:391

GBEQ2818 GenBank Acc|BM780543|Ver|BM780543.1  
GI:19128775|APL1\_4\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:689

GBEQ2819 GenBank Acc|BM780451|Ver|BM780451.1  
GI:19128683|APL1\_3\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:16:Stop:585

GBEQ2820 GenBank Acc|BM780388|Ver|BM780388.1  
GI:19128620|APL1\_2\_F01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:458

GBEQ2821 GenBank Acc|BM735556|Ver|BM735556.1  
GI:19056889|MONO1\_21\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:530

GBEQ2822 GenBank Acc|BM735445|Ver|BM735445.1  
GI:19056778|MONO1\_20\_E09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:544

GBEQ2823 GenBank Acc|BM735328|Ver|BM735328.1  
GI:19056661|MONO1\_18\_D03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:18:Stop:595

GBEQ2824 GenBank Acc|BM735063|Ver|BM735063.1  
GI:19056396|MONO1\_23\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:629

GBEQ2825 GenBank Acc|BM734930|Ver|BM734930.1  
GI:19056263|MONO1\_14\_B06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:649

GBEQ2826 GenBank Acc|BM734683|Ver|BM734683.1  
GI:19056016|MONO1\_11\_G03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:21:Stop:541

GBEQ2827 GenBank Acc|BM734649|Ver|BM734649.1  
GI:19055982|MONO1\_11\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:470

GBEQ2828 GenBank Acc|BM734619|Ver|BM734619.1  
GI:19055952|MONO1\_10\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:2:Stop:486

GBEQ2829 GenBank Acc|BM734550|Ver|BM734550.1  
GI:19055883|MONO1\_10\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:434

GBEQ2830 GenBank Acc|BM734529|Ver|BM734529.1  
GI:19055862|MONO1\_9\_G04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:99:Stop:496

GBEQ2831 GenBank Acc|BM734494|Ver|BM734494.1  
GI:19055827|MONO1\_9\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:262

GBEQ2832 GenBank Acc|BI960967|Ver|BI960967.1  
GI:16319170|MONO1\_3\_C08.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:539

GBEQ2833 GenBank RC|Acc|CD535826|Ver|CD535826.1  
GI:31578241|LeukoN5\_5\_A04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_A04\_A027 3',  
mRNA sequence.:Start:1:Stop:679

GBEQ2834 GenBank RC|Acc|CD528842|Ver|CD528842.1  
GI:31567464|LeukoN3\_5\_F06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:788

GBEQ2835 GenBank RC|Acc|CD470886|Ver|CD470886.1  
GI:31392154|LeukoS5\_3\_E11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ2836 GenBank RC|Acc|CD468240|Ver|CD468240.1  
GI:31389508|LeukoS3\_2\_F11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F11\_A025 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ2837 GenBank RC|Acc|CD467641|Ver|CD467641.1  
GI:31388909|LeukoS1\_6\_D07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:743

GBEQ2838 GenBank RC|Acc|BM781443|Ver|BM781443.1  
GI:19129675|MLN1\_8\_A02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:9:Stop:596

GBEQ2839 GenBank RC|Acc|BM781149|Ver|BM781149.1  
GI:19129381|MLN1\_5\_E12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:613

GBEQ2840 GenBank RC|Acc|BM781039|Ver|BM781039.1  
GI:19129271|MLN1\_3\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:558

GBEQ2841 GenBank RC|Acc|BM780909|Ver|BM780909.1  
GI:19129141|MLN1\_1\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:5:Stop:384

GBEQ2842 GenBank RC|Acc|BM780451|Ver|BM780451.1  
GI:19128683|APL1\_3\_G07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:16:Stop:585

GBEQ2843 GenBank RC|Acc|BM735557|Ver|BM735557.1  
GI:19056890|MONO1\_21\_G01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:451

GBEQ2844 GenBank RC|Acc|BM735555|Ver|BM735555.1  
GI:19056888|MONO1\_21\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:662

GBEQ2845 GenBank RC|Acc|BM735325|Ver|BM735325.1  
GI:19056658|MONO1\_18\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:17:Stop:654

GBEQ2846 GenBank RC|Acc|BM734649|Ver|BM734649.1  
GI:19055982|MONO1\_11\_C09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:470

GBEQ2847 GenBank RC|Acc|BM734446|Ver|BM734446.1  
GI:19055779|MONO1\_8\_F12.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:593

GBEQ2848 GenBank RC|Acc|BI961660|Ver|BI961660.1  
GI:16319863|MONO1\_2\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:724

GBEQ2849 GenBank RC|Acc|BI961082|Ver|BI961082.1  
GI:16319285|MONO1\_5\_H01.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:431

GBEQ2850 GenBank Acc|CD536809|Ver|CD536809.1  
GI:31579224|LeukoN6\_6\_A03.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A03\_A028 3',  
mRNA sequence.:Start:1:Stop:424

GBEQ2851 GenBank Acc|CD536796|Ver|CD536796.1  
GI:31579211|LeukoN6\_6\_E02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_E02\_A028 3',  
mRNA sequence.:Start:1:Stop:538

GBEQ2852 GenBank Acc|CD536659|Ver|CD536659.1  
GI:31579074|LeukoN6\_5\_B07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_B07\_A028 3',  
mRNA sequence.:Start:1:Stop:496

GBEQ2853 GenBank Acc|CD536522|Ver|CD536522.1  
GI:31578937|LeukoN6\_8\_F06.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F06\_A028 3',  
mRNA sequence.:Start:1:Stop:342

GBEQ2854 GenBank Acc|CD536499|Ver|CD536499.1  
GI:31578914|LeukoN6\_8\_E09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E09\_A028 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ2855 GenBank Acc|CD536481|Ver|CD536481.1  
GI:31578896|LeukoN6\_8\_F09.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F09\_A028 3',  
mRNA sequence.:Start:1:Stop:576

GBEQ2856 GenBank Acc|CD536479|Ver|CD536479.1  
GI:31578894|LeukoN6\_8\_B08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_B08\_A028 3',  
mRNA sequence.:Start:1:Stop:311

GBEQ2857 GenBank Acc|CD536475|Ver|CD536475.1  
GI:31578890|LeukoN6\_8\_D11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_D11\_A028 3',  
mRNA sequence.:Start:1:Stop:419

GBEQ2858 GenBank Acc|CD536364|Ver|CD536364.1  
GI:31578779|LeukoN6\_7\_D02.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D02\_A028 3',  
mRNA sequence.:Start:1:Stop:694

GBEQ2859 GenBank Acc|CD536355|Ver|CD536355.1  
GI:31578770|LeukoN6\_7\_F12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F12\_A028 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ2860 GenBank Acc|CD536350|Ver|CD536350.1  
GI:31578765|LeukoN6\_7\_B11.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B11\_A028 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ2861 GenBank Acc|CD536348|Ver|CD536348.1  
GI:31578763|LeukoN6\_7\_B04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B04\_A028 3',  
mRNA sequence.:Start:1:Stop:601

GBEQ2862 GenBank Acc|CD536330|Ver|CD536330.1  
GI:31578745|LeukoN6\_7\_C04.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C04\_A028 3',  
mRNA sequence.:Start:1:Stop:487

GBEQ2863 GenBank Acc|CD536245|Ver|CD536245.1  
GI:31578660|LeukoN6\_4\_A08.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_A08\_A028 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ2864 GenBank Acc|CD536233|Ver|CD536233.1  
GI:31578648|LeukoN6\_4\_A07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_A07\_A028 3',  
mRNA sequence.:Start:1:Stop:263

GBEQ2865 GenBank Acc|CD536227|Ver|CD536227.1  
GI:31578642|LeukoN6\_4\_C07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C07\_A028 3',  
mRNA sequence.:Start:1:Stop:374

GBEQ2866 GenBank Acc|CD536225|Ver|CD536225.1  
GI:31578640|LeukoN6\_4\_C10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C10\_A028 3',  
mRNA sequence.:Start:1:Stop:476

GBEQ2867 GenBank Acc|CD536083|Ver|CD536083.1  
GI:31578498|LeukoN6\_3\_E10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_E10\_A028 3'  
similar to Similarity to mitochondrial genome, mRNA  
sequence.:Start:1:Stop:506

GBEQ2868 GenBank Acc|CD535983|Ver|CD535983.1  
GI:31578398|LeukoN6\_2\_B10.b1\_A028 Unstimulated peripheral blood

leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B10\_A028 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ2869 GenBank Acc|CD535974|Ver|CD535974.1  
GI:31578389|LeukoN6\_2\_F07.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F07\_A028 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ2870 GenBank Acc|CD535970|Ver|CD535970.1  
GI:31578385|LeukoN6\_2\_G12.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_G12\_A028 3',  
mRNA sequence.:Start:1:Stop:617

GBEQ2871 GenBank Acc|CD535943|Ver|CD535943.1  
GI:31578358|LeukoN6\_2\_E10.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_E10\_A028 3',  
mRNA sequence.:Start:1:Stop:576

GBEQ2872 GenBank Acc|CD535941|Ver|CD535941.1  
GI:31578356|LeukoN6\_2\_F05.b1\_A028 Unstimulated peripheral blood  
leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F05\_A028 3',  
mRNA sequence.:Start:1:Stop:327

GBEQ2873 GenBank Acc|CD535884|Ver|CD535884.1  
GI:31578299|LeukoN5\_5\_C08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_C08\_A027 3',  
mRNA sequence.:Start:1:Stop:586

GBEQ2874 GenBank Acc|CD535780|Ver|CD535780.1  
GI:31578195|LeukoN5\_8\_H05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_H05\_A027 3',  
mRNA sequence.:Start:1:Stop:416

GBEQ2875 GenBank Acc|CD535777|Ver|CD535777.1  
GI:31578192|LeukoN5\_8\_E06.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_E06\_A027 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ2876 GenBank Acc|CD535773|Ver|CD535773.1  
GI:31578188|LeukoN5\_8\_C09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_C09\_A027 3',  
mRNA sequence.:Start:1:Stop:474

GBEQ2877 GenBank Acc|CD535768|Ver|CD535768.1  
GI:31578183|LeukoN5\_8\_G09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_G09\_A027 3',  
mRNA sequence.:Start:1:Stop:323

GBEQ2878 GenBank Acc|CD535736|Ver|CD535736.1  
GI:31578151|LeukoN5\_8\_F09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_F09\_A027 3',  
mRNA sequence.:Start:1:Stop:558

GBEQ2879 GenBank Acc|CD535688|Ver|CD535688.1  
GI:31578103|LeukoN5\_7\_A01.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A01\_A027 3',  
mRNA sequence.:Start:1:Stop:641

GBEQ2880 GenBank Acc|CD535675|Ver|CD535675.1  
GI:31578090|LeukoN5\_7\_F09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_F09\_A027 3',  
mRNA sequence.:Start:1:Stop:447

GBEQ2881 GenBank Acc|CD535644|Ver|CD535644.1  
GI:31578059|LeukoN5\_7\_D08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_D08\_A027 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ2882 GenBank Acc|CD535590|Ver|CD535590.1  
GI:31578005|LeukoN5\_6\_E11.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:136

GBEQ2883 GenBank Acc|CD535589|Ver|CD535589.1  
GI:31578004|LeukoN5\_6\_G08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G08\_A027 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2884 GenBank Acc|CD535588|Ver|CD535588.1  
GI:31578003|LeukoN5\_6\_A10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A10\_A027 3',  
mRNA sequence.:Start:1:Stop:679

GBEQ2885 GenBank Acc|CD535585|Ver|CD535585.1  
GI:31578000|LeukoN5\_6\_C07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C07\_A027 3',  
mRNA sequence.:Start:1:Stop:514

GBEQ2886 GenBank Acc|CD535581|Ver|CD535581.1  
GI:31577996|LeukoN5\_6\_H09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H09\_A027 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ2887 GenBank Acc|CD535560|Ver|CD535560.1  
GI:31577975|LeukoN5\_6\_E08.b1\_A027 Unstimulated peripheral blood



leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ2888 GenBank Acc|CD535470|Ver|CD535470.1  
GI:31577885|LeukoN5\_4\_G09.b1\_A027' Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G09\_A027 3',  
mRNA sequence.:Start:1:Stop:726

GBEQ2889 GenBank Acc|CD535458|Ver|CD535458.1  
GI:31577873|LeukoN5\_4\_B09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_B09\_A027 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ2890 GenBank Acc|CD535342|Ver|CD535342.1  
GI:31577757|LeukoN5\_2\_E08.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_E08\_A027 3',  
mRNA sequence.:Start:1:Stop:640

GBEQ2891 GenBank Acc|CD535327|Ver|CD535327.1  
GI:31577742|LeukoN5\_2\_C03.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C03\_A027 3',  
mRNA sequence.:Start:1:Stop:675

GBEQ2892 GenBank Acc|CD535324|Ver|CD535324.1  
GI:31577739|LeukoN5\_2\_F12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F12\_A027 3',  
mRNA sequence.:Start:1:Stop:531

GBEQ2893 GenBank Acc|CD535207|Ver|CD535207.1  
GI:31577622|LeukoN5\_1\_A10.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A10\_A027 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ2894 GenBank Acc|CD535190|Ver|CD535190.1  
GI:31577605|LeukoN5\_1\_A02.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A02\_A027 3',  
mRNA sequence.:Start:1:Stop:400

GBEQ2895 GenBank Acc|CD535189|Ver|CD535189.1  
GI:31577604|LeukoN5\_1\_B04.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B04\_A027 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ2896 GenBank Acc|CD535179|Ver|CD535179.1  
GI:31577594|LeukoN5\_1\_A05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A05\_A027 3',  
mRNA sequence.:Start:1:Stop:515

GBEQ2897 GenBank Acc|CD535166|Ver|CD535166.1  
GI:31577581|LeukoN5\_1\_F07.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:658

GBEQ2898 GenBank Acc|CD535083|Ver|CD535083.1  
GI:31577498|LeukoN5\_3\_G05.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_G05\_A027 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ2899 GenBank Acc|CD535065|Ver|CD535065.1  
GI:31577480|LeukoN5\_3\_D12.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_D12\_A027 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ2900 GenBank Acc|CD535039|Ver|CD535039.1  
GI:31577454|LeukoN5\_3\_E09.b1\_A027 Unstimulated peripheral blood  
leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_E09\_A027 3',  
mRNA sequence.:Start:1:Stop:700

GBEQ2901 GenBank Acc|CD528904|Ver|CD528904.1  
GI:31567526|LeukoN3\_8\_G10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G10\_A025 3',  
mRNA sequence.:Start:1:Stop:691

GBEQ2902 GenBank Acc|CD528866|Ver|CD528866.1  
GI:31567488|LeukoN3\_5\_F08.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F08\_A025 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2903 GenBank Acc|CD528858|Ver|CD528858.1  
GI:31567480|LeukoN3\_5\_C12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_C12\_A025 3',  
mRNA sequence.:Start:1:Stop:785

GBEQ2904 GenBank Acc|CD528840|Ver|CD528840.1  
GI:31567462|LeukoN3\_5\_B09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:631

GBEQ2905 GenBank Acc|CD528836|Ver|CD528836.1  
GI:31567458|LeukoN3\_5\_D12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D12\_A025 3',  
mRNA sequence.:Start:1:Stop:679

GBEQ2906 GenBank Acc|CD528772|Ver|CD528772.1  
GI:31567394|LeukoN3\_7\_D01.b2\_A025 Unstimulated peripheral blood

leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D01\_A025 3',  
mRNA sequence.:Start:1:Stop:380

GBEQ2907 GenBank Acc|CD528761|Ver|CD528761.1  
GI:31567383|LeukoN3\_7\_A04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A04\_A025 3',  
mRNA sequence.:Start:1:Stop:248

GBEQ2908 GenBank Acc|CD528719|Ver|CD528719.1  
GI:31567341|LeukoN3\_7\_H04.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H04\_A025 3',  
mRNA sequence.:Start:1:Stop:574

GBEQ2909 GenBank Acc|CD528603|Ver|CD528603.1  
GI:31567225|LeukoN3\_3\_E10.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E10\_A025 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ2910 GenBank Acc|CD528589|Ver|CD528589.1  
GI:31567211|LeukoN3\_3\_B12.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B12\_A025 3',  
mRNA sequence.:Start:1:Stop:729

GBEQ2911 GenBank Acc|CD528471|Ver|CD528471.1  
GI:31567093|LeukoN3\_2\_E04.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:221

GBEQ2912 GenBank Acc|CD528470|Ver|CD528470.1  
GI:31567092|LeukoN3\_2\_F06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ2913 GenBank Acc|CD528461|Ver|CD528461.1  
GI:31567083|LeukoN3\_2\_F03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:246

GBEQ2914 GenBank Acc|CD528447|Ver|CD528447.1  
GI:31567069|LeukoN3\_2\_A02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A02\_A025 3',  
mRNA sequence.:Start:1:Stop:454

GBEQ2915 GenBank Acc|CD528442|Ver|CD528442.1  
GI:31567064|LeukoN3\_2\_C09.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_C09\_A025 3',  
mRNA sequence.:Start:1:Stop:529

GBEQ2916 GenBank Acc|CD528266|Ver|CD528266.1  
GI:31566888|LeukoN3\_1\_E10.b2\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E10\_A025 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ2917 GenBank Acc|CD528171|Ver|CD528171.1  
GI:31566793|LeukoN3\_4\_A11.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A11\_A025 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ2918 GenBank Acc|CD528170|Ver|CD528170.1  
GI:31566792|LeukoN3\_4\_F03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F03\_A025 3',  
mRNA sequence.:Start:1:Stop:146

GBEQ2919 GenBank Acc|CD528165|Ver|CD528165.1  
GI:31566787|LeukoN3\_4\_E03.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E03\_A025 3',  
mRNA sequence.:Start:1:Stop:479

GBEQ2920 GenBank Acc|CD528153|Ver|CD528153.1  
GI:31566775|LeukoN3\_4\_H02.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H02\_A025 3',  
mRNA sequence.:Start:1:Stop:377

GBEQ2921 GenBank Acc|CD528144|Ver|CD528144.1  
GI:31566766|LeukoN3\_4\_C06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_C06\_A025 3',  
mRNA sequence.:Start:1:Stop:426

GBEQ2922 GenBank Acc|CD528135|Ver|CD528135.1  
GI:31566757|LeukoN3\_4\_B06.b1\_A025 Unstimulated peripheral blood  
leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B06\_A025 3',  
mRNA sequence.:Start:1:Stop:622

GBEQ2923 GenBank Acc|CD472330|Ver|CD472330.1  
GI:31393598|LeukoS6\_5\_A03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_A03\_A028 3',  
mRNA sequence.:Start:1:Stop:448

GBEQ2924 GenBank Acc|CD472310|Ver|CD472310.1  
GI:31393578|LeukoS6\_5\_D12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_D12\_A028 3',  
mRNA sequence.:Start:1:Stop:466

GBEQ2925 GenBank Acc|CD472287|Ver|CD472287.1  
GI:31393555|LeukoS6\_5\_E04.b1\_A028 Stimulated peripheral blood

leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E04\_A028 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ2926 GenBank Acc|CD472268|Ver|CD472268.1  
GI:31393536|LeukoS6\_5\_H07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_H07\_A028 3',  
mRNA sequence.:Start:1:Stop:164

GBEQ2927 GenBank Acc|CD472175|Ver|CD472175.1  
GI:31393443|LeukoS6\_1\_C02.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_C02\_A028 3',  
mRNA sequence.:Start:1:Stop:656

GBEQ2928 GenBank Acc|CD472171|Ver|CD472171.1  
GI:31393439|LeukoS6\_1\_A12.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_A12\_A028 3',  
mRNA sequence.:Start:1:Stop:132

GBEQ2929 GenBank Acc|CD472110|Ver|CD472110.1  
GI:31393378|LeukoS6\_1\_D06.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_D06\_A028 3',  
mRNA sequence.:Start:1:Stop:562

GBEQ2930 GenBank Acc|CD472010|Ver|CD472010.1  
GI:31393278|LeukoS6\_3\_C03.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C03\_A028 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ2931 GenBank Acc|CD471807|Ver|CD471807.1  
GI:31393075|LeukoS6\_2\_E08.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_E08\_A028 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ2932 GenBank Acc|CD471766|Ver|CD471766.1  
GI:31393034|LeukoS6\_2\_A04.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A04\_A028 3',  
mRNA sequence.:Start:1:Stop:334

GBEQ2933 GenBank Acc|CD471588|Ver|CD471588.1  
GI:31392856|LeukoS6\_4\_F07.b1\_A028 Stimulated peripheral blood  
leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F07\_A028 3',  
mRNA sequence.:Start:1:Stop:560

GBEQ2934 GenBank Acc|CD471502|Ver|CD471502.1  
GI:31392770|LeukoS5\_6\_A06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A06\_A027 3',  
mRNA sequence.:Start:1:Stop:481

GBEQ2935 GenBank Acc|CD471458|Ver|CD471458.1  
GI:31392726|LeukoS5\_6\_E11.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E11\_A027 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ2936 GenBank Acc|CD471372|Ver|CD471372.1  
GI:31392640|LeukoS5\_5\_A02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A02\_A027 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ2937 GenBank Acc|CD471352|Ver|CD471352.1  
GI:31392620|LeukoS5\_5\_B03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B03\_A027 3',  
mRNA sequence.:Start:1:Stop:508

GBEQ2938 GenBank Acc|CD471330|Ver|CD471330.1  
GI:31392598|LeukoS5\_5\_B09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B09\_A027 3',  
mRNA sequence.:Start:1:Stop:515

GBEQ2939 GenBank Acc|CD471243|Ver|CD471243.1  
GI:31392511|LeukoS5\_1\_D07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_D07\_A027 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ2940 GenBank Acc|CD471233|Ver|CD471233.1  
GI:31392501|LeukoS5\_1\_F02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F02\_A027 3',  
mRNA sequence.:Start:1:Stop:681

GBEQ2941 GenBank Acc|CD471229|Ver|CD471229.1  
GI:31392497|LeukoS5\_1\_C03.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C03\_A027 3',  
mRNA sequence.:Start:1:Stop:658

GBEQ2942 GenBank Acc|CD471206|Ver|CD471206.1  
GI:31392474|LeukoS5\_1\_E05.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E05\_A027 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ2943 GenBank Acc|CD471205|Ver|CD471205.1  
GI:31392473|LeukoS5\_1\_F07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F07\_A027 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ2944 GenBank Acc|CD471201|Ver|CD471201.1  
GI:31392469|LeukoS5\_1\_B06.b1\_A027 Stimulated peripheral blood

leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B06\_A027 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ2945 GenBank Acc|CD471193|Ver|CD471193.1  
GI:31392461|LeukoS5\_1\_F06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F06\_A027 3',  
mRNA sequence.:Start:1:Stop:529

GBEQ2946 GenBank Acc|CD471185|Ver|CD471185.1  
GI:31392453|LeukoS5\_1\_D01.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_D01\_A027 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ2947 GenBank Acc|CD471182|Ver|CD471182.1  
GI:31392450|LeukoS5\_1\_G07.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_G07\_A027 3',  
mRNA sequence.:Start:1:Stop:651

GBEQ2948 GenBank Acc|CD471056|Ver|CD471056.1  
GI:31392324|LeukoS5\_4\_F12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F12\_A027 3',  
mRNA sequence.:Start:1:Stop:403

GBEQ2949 GenBank Acc|CD471037|Ver|CD471037.1  
GI:31392305|LeukoS5\_4\_E09.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E09\_A027 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ2950 GenBank Acc|CD471024|Ver|CD471024.1  
GI:31392292|LeukoS5\_4\_F02.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F02\_A027 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2951 GenBank Acc|CD470919|Ver|CD470919.1  
GI:31392187|LeukoS5\_3\_D06.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D06\_A027 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ2952 GenBank Acc|CD470729|Ver|CD470729.1  
GI:31391997|LeukoS5\_2\_A12.b1\_A027 Stimulated peripheral blood  
leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_A12\_A027 3',  
mRNA sequence.:Start:1:Stop:401

GBEQ2953 GenBank Acc|CD470638|Ver|CD470638.1  
GI:31391906|LeukoS4\_6\_F09.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_F09\_A026 3',  
mRNA sequence.:Start:1:Stop:526

GBEQ2954 GenBank Acc|CD470494|Ver|CD470494.1  
GI:31391762|LeukoS4\_5\_A02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_A02\_A026 3',  
mRNA sequence.:Start:1:Stop:193

GBEQ2955 GenBank Acc|CD470466|Ver|CD470466.1  
GI:31391734|LeukoS4\_5\_H11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H11\_A026 3',  
mRNA sequence.:Start:1:Stop:495

GBEQ2956 GenBank Acc|CD470340|Ver|CD470340.1  
GI:31391608|LeukoS4\_4\_F04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F04\_A026 3',  
mRNA sequence.:Start:1:Stop:525

GBEQ2957 GenBank Acc|CD470337|Ver|CD470337.1  
GI:31391605|LeukoS4\_4\_A05.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A05\_A026 3',  
mRNA sequence.:Start:1:Stop:435

GBEQ2958 GenBank Acc|CD470335|Ver|CD470335.1  
GI:31391603|LeukoS4\_4\_H11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H11\_A026 3',  
mRNA sequence.:Start:1:Stop:605

GBEQ2959 GenBank Acc|CD470331|Ver|CD470331.1  
GI:31391599|LeukoS4\_4\_H04.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H04\_A026 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ2960 GenBank Acc|CD470246|Ver|CD470246.1  
GI:31391514|LeukoS4\_3\_C11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_C11\_A026 3',  
mRNA sequence.:Start:1:Stop:575

GBEQ2961 GenBank Acc|CD470183|Ver|CD470183.1  
GI:31391451|LeukoS4\_3\_C01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_C01\_A026 3',  
mRNA sequence.:Start:1:Stop:154

GBEQ2962 GenBank Acc|CD470082|Ver|CD470082.1  
GI:31391350|LeukoS4\_1\_H02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_H02\_A026 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ2963 GenBank Acc|CD470055|Ver|CD470055.1  
GI:31391323|LeukoS4\_1\_F08.b1\_A026 Stimulated peripheral blood



leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F08\_A026 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ2964 GenBank Acc|CD470049|Ver|CD470049.1  
GI:31391317|LeukoS4\_1\_G06.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G06\_A026 3',  
mRNA sequence.:Start:1:Stop:122

GBEQ2965 GenBank Acc|CD469939|Ver|CD469939.1  
GI:31391207|LeukoS4\_2\_D02.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_D02\_A026 3',  
mRNA sequence.:Start:1:Stop:690

GBEQ2966 GenBank Acc|CD469906|Ver|CD469906.1  
GI:31391174|LeukoS4\_2\_H01.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H01\_A026 3',  
mRNA sequence.:Start:1:Stop:638

GBEQ2967 GenBank Acc|CD469905|Ver|CD469905.1  
GI:31391173|LeukoS4\_2\_D11.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_D11\_A026 3',  
mRNA sequence.:Start:1:Stop:523

GBEQ2968 GenBank Acc|CD469895|Ver|CD469895.1  
GI:31391163|LeukoS4\_2\_H08.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H08\_A026 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ2969 GenBank Acc|CD469886|Ver|CD469886.1  
GI:31391154|LeukoS4\_2\_B03.b1\_A026 Stimulated peripheral blood  
leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B03\_A026 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ2970 GenBank Acc|CD469800|Ver|CD469800.1  
GI:31391068|LeukoS2\_5\_A05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A05\_A024 3',  
mRNA sequence.:Start:1:Stop:642

GBEQ2971 GenBank Acc|CD469793|Ver|CD469793.1  
GI:31391061|LeukoS2\_5\_D03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D03\_A024 3',  
mRNA sequence.:Start:1:Stop:653

GBEQ2972 GenBank Acc|CD469763|Ver|CD469763.1  
GI:31391031|LeukoS2\_5\_D04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D04\_A024 3',  
mRNA sequence.:Start:1:Stop:402

GBEQ2973 GenBank Acc|CD469683|Ver|CD469683.1  
GI:31390951|LeukoS2\_8\_C09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ2974 GenBank Acc|CD469671|Ver|CD469671.1  
GI:31390939|LeukoS2\_8\_H03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:630

GBEQ2975 GenBank Acc|CD469669|Ver|CD469669.1  
GI:31390937|LeukoS2\_8\_D06.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_D06\_A024 3',  
mRNA sequence.:Start:1:Stop:657

GBEQ2976 GenBank Acc|CD469668|Ver|CD469668.1  
GI:31390936|LeukoS2\_8\_E11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E11\_A024 3',  
mRNA sequence.:Start:1:Stop:427

GBEQ2977 GenBank Acc|CD469667|Ver|CD469667.1  
GI:31390935|LeukoS2\_8\_E04.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E04\_A024 3',  
mRNA sequence.:Start:1:Stop:604

GBEQ2978 GenBank Acc|CD469666|Ver|CD469666.1  
GI:31390934|LeukoS2\_8\_G08.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G08\_A024 3',  
mRNA sequence.:Start:1:Stop:471

GBEQ2979 GenBank Acc|CD469617|Ver|CD469617.1  
GI:31390885|LeukoS2\_7\_F06.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_F06\_A024 3',  
mRNA sequence.:Start:1:Stop:111

GBEQ2980 GenBank Acc|CD469603|Ver|CD469603.1  
GI:31390871|LeukoS2\_7\_H12.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H12\_A024 3',  
mRNA sequence.:Start:1:Stop:245

GBEQ2981 GenBank Acc|CD469587|Ver|CD469587.1  
GI:31390855|LeukoS2\_7\_E07.b2\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_E07\_A024 3',  
mRNA sequence.:Start:1:Stop:421

GBEQ2982 GenBank Acc|CD469503|Ver|CD469503.1  
GI:31390771|LeukoS2\_4\_G04.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_G04\_A024 3',  
mRNA sequence.:Start:1:Stop:277

GBEQ2983 GenBank Acc|CD469473|Ver|CD469473.1  
GI:31390741|LeukoS2\_4\_A10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_A10\_A024 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ2984 GenBank Acc|CD469458|Ver|CD469458.1  
GI:31390726|LeukoS2\_4\_H09.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H09\_A024 3',  
mRNA sequence.:Start:1:Stop:280

GBEQ2985 GenBank Acc|CD469455|Ver|CD469455.1  
GI:31390723|LeukoS2\_4\_C11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:525

GBEQ2986 GenBank Acc|CD469351|Ver|CD469351.1  
GI:31390619|LeukoS2\_3\_B05.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B05\_A024 3',  
mRNA sequence.:Start:1:Stop:540

GBEQ2987 GenBank Acc|CD469346|Ver|CD469346.1  
GI:31390614|LeukoS2\_3\_A10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_A10\_A024 3',  
mRNA sequence.:Start:1:Stop:741

GBEQ2988 GenBank Acc|CD469331|Ver|CD469331.1  
GI:31390599|LeukoS2\_3\_B02.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B02\_A024 3',  
mRNA sequence.:Start:1:Stop:473

GBEQ2989 GenBank Acc|CD469301|Ver|CD469301.1  
GI:31390569|LeukoS2\_3\_B06.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B06\_A024 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ2990 GenBank Acc|CD469291|Ver|CD469291.1  
GI:31390559|LeukoS2\_3\_H12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_H12\_A024 3',  
mRNA sequence.:Start:1:Stop:112

GBEQ2991 GenBank Acc|CD469183|Ver|CD469183.1  
GI:31390451|LeukoS2\_2\_G03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G03\_A024 3',  
mRNA sequence.:Start:1:Stop:516

GBEQ2992 GenBank Acc|CD469172|Ver|CD469172.1  
GI:31390440|LeukoS2\_2\_A11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_A11\_A024 3',  
mRNA sequence.:Start:1:Stop:603

GBEQ2993 GenBank Acc|CD469169|Ver|CD469169.1  
GI:31390437|LeukoS2\_2\_B10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B10\_A024 3',  
mRNA sequence.:Start:1:Stop:648

GBEQ2994 GenBank Acc|CD469166|Ver|CD469166.1  
GI:31390434|LeukoS2\_2\_F10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:677

GBEQ2995 GenBank Acc|CD469150|Ver|CD469150.1  
GI:31390418|LeukoS2\_2\_H07.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H07\_A024 3',  
mRNA sequence.:Start:1:Stop:632

GBEQ2996 GenBank Acc|CD469048|Ver|CD469048.1  
GI:31390316|LeukoS2\_1\_C06.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C06\_A024 3',  
mRNA sequence.:Start:1:Stop:392

GBEQ2997 GenBank Acc|CD469036|Ver|CD469036.1  
GI:31390304|LeukoS2\_1\_C12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C12\_A024 3',  
mRNA sequence.:Start:1:Stop:547

GBEQ2998 GenBank Acc|CD469033|Ver|CD469033.1  
GI:31390301|LeukoS2\_1\_F11.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F11\_A024 3',  
mRNA sequence.:Start:1:Stop:103

GBEQ2999 GenBank Acc|CD469015|Ver|CD469015.1  
GI:31390283|LeukoS2\_1\_H03.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:545

GBEQ3000 GenBank Acc|CD469000|Ver|CD469000.1  
GI:31390268|LeukoS2\_1\_B12.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:728

GBEQ3001 GenBank Acc|CD468992|Ver|CD468992.1  
GI:31390260|LeukoS2\_1\_B08.b1\_A024 Stimulated peripheral blood

leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B08\_A024 3',  
mRNA sequence.:Start:1:Stop:712

GBEQ3002 GenBank Acc|CD468991|Ver|CD468991.1  
GI:31390259|LeukoS2\_1\_G10.b1\_A024 Stimulated peripheral blood  
leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G10\_A024 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ3003 GenBank Acc|CD468912|Ver|CD468912.1  
GI:31390180|LeukoS3\_8\_F06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:689

GBEQ3004 GenBank Acc|CD468899|Ver|CD468899.1  
GI:31390167|LeukoS3\_8\_F04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_F04\_A025 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ3005 GenBank Acc|CD468898|Ver|CD468898.1  
GI:31390166|LeukoS3\_8\_G06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G06\_A025 3',  
mRNA sequence.:Start:1:Stop:729

GBEQ3006 GenBank Acc|CD468881|Ver|CD468881.1  
GI:31390149|LeukoS3\_8\_B09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_B09\_A025 3',  
mRNA sequence.:Start:1:Stop:746

GBEQ3007 GenBank Acc|CD468806|Ver|CD468806.1  
GI:31390074|LeukoS3\_7\_B08.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_B08\_A025 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ3008 GenBank Acc|CD468788|Ver|CD468788.1  
GI:31390056|LeukoS3\_7\_F06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:621

GBEQ3009 GenBank Acc|CD468784|Ver|CD468784.1  
GI:31390052|LeukoS3\_7\_E10.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E10\_A025 3',  
mRNA sequence.:Start:1:Stop:568

GBEQ3010 GenBank Acc|CD468774|Ver|CD468774.1  
GI:31390042|LeukoS3\_7\_E09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E09\_A025 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ3011 GenBank Acc|CD468596|Ver|CD468596.1  
GI:31389864|LeukoS3\_4\_G02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G02\_A025 3',  
mRNA sequence.:Start:1:Stop:335

GBEQ3012 GenBank Acc|CD468545|Ver|CD468545.1  
GI:31389813|LeukoS3\_4\_G12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G12\_A025 3',  
mRNA sequence.:Start:1:Stop:704

GBEQ3013 GenBank Acc|CD468537|Ver|CD468537.1  
GI:31389805|LeukoS3\_4\_E07.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E07\_A025 3',  
mRNA sequence.:Start:1:Stop:581

GBEQ3014 GenBank Acc|CD468425|Ver|CD468425.1  
GI:31389693|LeukoS3\_3\_F12.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F12\_A025 3',  
mRNA sequence.:Start:1:Stop:756

GBEQ3015 GenBank Acc|CD468411|Ver|CD468411.1  
GI:31389679|LeukoS3\_3\_E06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_E06\_A025 3',  
mRNA sequence.:Start:1:Stop:495

GBEQ3016 GenBank Acc|CD468257|Ver|CD468257.1  
GI:31389525|LeukoS3\_2\_G11.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_G11\_A025 3',  
mRNA sequence.:Start:1:Stop:448

GBEQ3017 GenBank Acc|CD468242|Ver|CD468242.1  
GI:31389510|LeukoS3\_2\_F09.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F09\_A025 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ3018 GenBank Acc|CD468123|Ver|CD468123.1  
GI:31389391|LeukoS3\_1\_D02.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D02\_A025 3',  
mRNA sequence.:Start:1:Stop:135

GBEQ3019 GenBank Acc|CD468122|Ver|CD468122.1  
GI:31389390|LeukoS3\_1\_E04.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E04\_A025 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ3020 GenBank Acc|CD468121|Ver|CD468121.1  
GI:31389389|LeukoS3\_1\_F06.b1\_A025 Stimulated peripheral blood

leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F06\_A025 3',  
mRNA sequence.:Start:1:Stop:625

GBEQ3021 GenBank Acc|CD468091|Ver|CD468091.1  
GI:31389359|LeukoS3\_1\_E06.b1\_A025 Stimulated peripheral blood  
leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E06\_A025 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ3022 GenBank Acc|CD467984|Ver|CD467984.1  
GI:31389252|LeukoS1\_8\_G12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G12\_A023 3',  
mRNA sequence.:Start:1:Stop:655

GBEQ3023 GenBank Acc|CD467970|Ver|CD467970.1  
GI:31389238|LeukoS1\_8\_A07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A07\_A023 3',  
mRNA sequence.:Start:1:Stop:151

GBEQ3024 GenBank Acc|CD467964|Ver|CD467964.1  
GI:31389232|LeukoS1\_8\_C07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C07\_A023 3',  
mRNA sequence.:Start:1:Stop:654

GBEQ3025 GenBank Acc|CD467954|Ver|CD467954.1  
GI:31389222|LeukoS1\_8\_G07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G07\_A023 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ3026 GenBank Acc|CD467944|Ver|CD467944.1  
GI:31389212|LeukoS1\_8\_C02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C02\_A023 3',  
mRNA sequence.:Start:1:Stop:481

GBEQ3027 GenBank Acc|CD467852|Ver|CD467852.1  
GI:31389120|LeukoS1\_7\_E12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E12\_A023 3',  
mRNA sequence.:Start:1:Stop:719

GBEQ3028 GenBank Acc|CD467846|Ver|CD467846.1  
GI:31389114|LeukoS1\_7\_A08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_A08\_A023 3',  
mRNA sequence.:Start:1:Stop:509

GBEQ3029 GenBank Acc|CD467841|Ver|CD467841.1  
GI:31389109|LeukoS1\_7\_H07.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_H07\_A023 3',  
mRNA sequence.:Start:1:Stop:667

GBEQ3030 GenBank Acc|CD467827|Ver|CD467827.1  
GI:31389095|LeukoS1\_7\_B12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:531

GBEQ3031 GenBank Acc|CD467823|Ver|CD467823.1  
GI:31389091|LeukoS1\_7\_D09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D09\_A023 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ3032 GenBank Acc|CD467812|Ver|CD467812.1  
GI:31389080|LeukoS1\_7\_B08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B08\_A023 3',  
mRNA sequence.:Start:1:Stop:707

GBEQ3033 GenBank Acc|CD467788|Ver|CD467788.1  
GI:31389056|LeukoS1\_7\_E09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:380

GBEQ3034 GenBank Acc|CD467685|Ver|CD467685.1  
GI:31388953|LeukoS1\_6\_G11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G11\_A023 3',  
mRNA sequence.:Start:1:Stop:618

GBEQ3035 GenBank Acc|CD467650|Ver|CD467650.1  
GI:31388918|LeukoS1\_6\_G06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G06\_A023 3',  
mRNA sequence.:Start:1:Stop:761

GBEQ3036 GenBank Acc|CD467644|Ver|CD467644.1  
GI:31388912|LeukoS1\_6\_H04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_H04\_A023 3',  
mRNA sequence.:Start:1:Stop:637

GBEQ3037 GenBank Acc|CD467546|Ver|CD467546.1  
GI:31388814|LeukoS1\_5\_H03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H03\_A023 3',  
mRNA sequence.:Start:1:Stop:461

GBEQ3038 GenBank Acc|CD467537|Ver|CD467537.1  
GI:31388805|LeukoS1\_5\_B09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B09\_A023 3',  
mRNA sequence.:Start:1:Stop:686

GBEQ3039 GenBank Acc|CD467527|Ver|CD467527.1  
GI:31388795|LeukoS1\_5\_E10.b1\_A023 Stimulated peripheral blood



leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_E10\_A023 3',  
mRNA sequence.:Start:1:Stop:276

GBEQ3040 GenBank Acc|CD467515|Ver|CD467515.1  
GI:31388783|LeukoS1\_5\_D08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_D08\_A023 3',  
mRNA sequence.:Start:1:Stop:248

GBEQ3041 GenBank Acc|CD467511|Ver|CD467511.1  
GI:31388779|LeukoS1\_5\_F04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_F04\_A023 3',  
mRNA sequence.:Start:1:Stop:480

GBEQ3042 GenBank Acc|CD467502|Ver|CD467502.1  
GI:31388770|LeukoS1\_5\_A11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:308

GBEQ3043 GenBank Acc|CD467499|Ver|CD467499.1  
GI:31388767|LeukoS1\_5\_C08.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_C08\_A023 3',  
mRNA sequence.:Start:1:Stop:252

GBEQ3044 GenBank Acc|CD467417|Ver|CD467417.1  
GI:31388685|LeukoS1\_4\_E02.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E02\_A023 3',  
mRNA sequence.:Start:1:Stop:574

GBEQ3045 GenBank Acc|CD467403|Ver|CD467403.1  
GI:31388671|LeukoS1\_4\_B03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B03\_A023 3',  
mRNA sequence.:Start:1:Stop:624

GBEQ3046 GenBank Acc|CD467383|Ver|CD467383.1  
GI:31388651|LeukoS1\_4\_E03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E03\_A023 3',  
mRNA sequence.:Start:1:Stop:505

GBEQ3047 GenBank Acc|CD467363|Ver|CD467363.1  
GI:31388631|LeukoS1\_4\_E11.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:567

GBEQ3048 GenBank Acc|CD467359|Ver|CD467359.1  
GI:31388627|LeukoS1\_4\_D10.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D10\_A023 3',  
mRNA sequence.:Start:1:Stop:428

GBEQ3049 GenBank Acc|CD467356|Ver|CD467356.1  
GI:31388624|LeukoS1\_4\_D03.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:175

GBEQ3050 GenBank Acc|CD467351|Ver|CD467351.1  
GI:31388619|LeukoS1\_4\_D04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D04\_A023 3',  
mRNA sequence.:Start:1:Stop:565

GBEQ3051 GenBank Acc|CD467111|Ver|CD467111.1  
GI:31388379|LeukoS1\_2\_G04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_G04\_A023 3',  
mRNA sequence.:Start:1:Stop:100

GBEQ3052 GenBank Acc|CD467096|Ver|CD467096.1  
GI:31388364|LeukoS1\_2\_F09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F09\_A023 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ3053 GenBank Acc|CD466979|Ver|CD466979.1  
GI:31388247|LeukoS1\_1\_E04.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E04\_A023 3',  
mRNA sequence.:Start:1:Stop:643

GBEQ3054 GenBank Acc|CD466966|Ver|CD466966.1  
GI:31388234|LeukoS1\_1\_B12.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B12\_A023 3',  
mRNA sequence.:Start:1:Stop:663

GBEQ3055 GenBank Acc|CD466950|Ver|CD466950.1  
GI:31388218|LeukoS1\_1\_G06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G06\_A023 3',  
mRNA sequence.:Start:1:Stop:572

GBEQ3056 GenBank Acc|CD466940|Ver|CD466940.1  
GI:31388208|LeukoS1\_1\_C09.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C09\_A023 3',  
mRNA sequence.:Start:1:Stop:635

GBEQ3057 GenBank Acc|CD466928|Ver|CD466928.1  
GI:31388196|LeukoS1\_1\_C06.b1\_A023 Stimulated peripheral blood  
leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C06\_A023 3',  
mRNA sequence.:Start:1:Stop:593

GBEQ3058 GenBank Acc|CD466920|Ver|CD466920.1  
GI:31388188|LeukoS1\_1\_H12.b1\_A023 Stimulated peripheral blood

leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H12\_A023 3',  
mRNA sequence.:Start:1:Stop:287

GBEQ3059 GenBank Acc|CD466803|Ver|CD466803.1  
GI:31388071|LeukoN2\_8\_H02.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H02\_A024 3',  
mRNA sequence.:Start:1:Stop:550

GBEQ3060 GenBank Acc|CD466801|Ver|CD466801.1  
GI:31388069|LeukoN2\_8\_C03.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C03\_A024 3',  
mRNA sequence.:Start:1:Stop:670

GBEQ3061 GenBank Acc|CD466791|Ver|CD466791.1  
GI:31388059|LeukoN2\_8\_F05.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F05\_A024 3',  
mRNA sequence.:Start:1:Stop:563

GBEQ3062 GenBank Acc|CD466790|Ver|CD466790.1  
GI:31388058|LeukoN2\_8\_F10.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:591

GBEQ3063 GenBank Acc|CD466789|Ver|CD466789.1  
GI:31388057|LeukoN2\_8\_G07.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_G07\_A024 3',  
mRNA sequence.:Start:1:Stop:602

GBEQ3064 GenBank Acc|CD466774|Ver|CD466774.1  
GI:31388042|LeukoN2\_8\_C11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:381

GBEQ3065 GenBank Acc|CD466614|Ver|CD466614.1  
GI:31387882|LeukoN2\_7\_C09.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C09\_A024 3',  
mRNA sequence.:Start:1:Stop:598

GBEQ3066 GenBank Acc|CD466607|Ver|CD466607.1  
GI:31387875|LeukoN2\_7\_C12.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C12\_A024 3',  
mRNA sequence.:Start:1:Stop:614

GBEQ3067 GenBank Acc|CD466605|Ver|CD466605.1  
GI:31387873|LeukoN2\_7\_H04.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H04\_A024 3',  
mRNA sequence.:Start:1:Stop:472

GBEQ3068 GenBank Acc|CD466604|Ver|CD466604.1  
GI:31387872|LeukoN2\_7\_A01.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A01\_A024 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ3069 GenBank Acc|CD466595|Ver|CD466595.1  
GI:31387863|LeukoN2\_7\_F09.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F09\_A024 3',  
mRNA sequence.:Start:1:Stop:608

GBEQ3070 GenBank Acc|CD466586|Ver|CD466586.1  
GI:31387854|LeukoN2\_7\_G07.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_G07\_A024 3',  
mRNA sequence.:Start:1:Stop:528

GBEQ3071 GenBank Acc|CD466573|Ver|CD466573.1  
GI:31387841|LeukoN2\_7\_B11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B11\_A024 3',  
mRNA sequence.:Start:1:Stop:561

GBEQ3072 GenBank Acc|CD466571|Ver|CD466571.1  
GI:31387839|LeukoN2\_7\_H10.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H10\_A024 3',  
mRNA sequence.:Start:1:Stop:600

GBEQ3073 GenBank Acc|CD466566|Ver|CD466566.1  
GI:31387834|LeukoN2\_7\_C11.b2\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C11\_A024 3',  
mRNA sequence.:Start:1:Stop:668

GBEQ3074 GenBank Acc|CD466419|Ver|CD466419.1  
GI:31387687|LeukoN2\_4\_F10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_F10\_A024 3',  
mRNA sequence.:Start:1:Stop:661

GBEQ3075 GenBank Acc|CD466417|Ver|CD466417.1  
GI:31387685|LeukoN2\_4\_E01.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E01\_A024 3',  
mRNA sequence.:Start:1:Stop:578

GBEQ3076 GenBank Acc|CD466415|Ver|CD466415.1  
GI:31387683|LeukoN2\_4\_B12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B12\_A024 3',  
mRNA sequence.:Start:1:Stop:503

GBEQ3077 GenBank Acc|CD466408|Ver|CD466408.1  
GI:31387676|LeukoN2\_4\_H03.b1\_A024 Unstimulated peripheral blood

leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:619

GBEQ3078 GenBank Acc|CD466300|Ver|CD466300.1  
GI:31387568|LeukoN2\_3\_B10.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B10\_A024 3',  
mRNA sequence.:Start:1:Stop:668

GBEQ3079 GenBank Acc|CD466281|Ver|CD466281.1  
GI:31387549|LeukoN2\_3\_G08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G08\_A024 3',  
mRNA sequence.:Start:1:Stop:721

GBEQ3080 GenBank Acc|CD466280|Ver|CD466280.1  
GI:31387548|LeukoN2\_3\_H09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H09\_A024 3',  
mRNA sequence.:Start:1:Stop:634

GBEQ3081 GenBank Acc|CD466260|Ver|CD466260.1  
GI:31387528|LeukoN2\_3\_D03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_D03\_A024 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ3082 GenBank Acc|CD466248|Ver|CD466248.1  
GI:31387516|LeukoN2\_3\_D02.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_D02\_A024 3',  
mRNA sequence.:Start:1:Stop:506

GBEQ3083 GenBank Acc|CD466116|Ver|CD466116.1  
GI:31387384|LeukoN2\_2\_E09.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_E09\_A024 3',  
mRNA sequence.:Start:1:Stop:653

GBEQ3084 GenBank Acc|CD466096|Ver|CD466096.1  
GI:31387364|LeukoN2\_2\_C08.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C08\_A024 3',  
mRNA sequence.:Start:1:Stop:633

GBEQ3085 GenBank Acc|CD466084|Ver|CD466084.1  
GI:31387352|LeukoN2\_2\_H11.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H11\_A024 3',  
mRNA sequence.:Start:1:Stop:721

GBEQ3086 GenBank Acc|CD466081|Ver|CD466081.1  
GI:31387349|LeukoN2\_2\_D12.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_D12\_A024 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ3087 GenBank Acc|CD466079|Ver|CD466079.1  
GI:31387347|LeukoN2\_2\_C03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C03\_A024 3',  
mRNA sequence.:Start:1:Stop:557

GBEQ3088 GenBank Acc|CD465980|Ver|CD465980.1  
GI:31387248|LeukoN2\_1\_H03.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H03\_A024 3',  
mRNA sequence.:Start:1:Stop:482

GBEQ3089 GenBank Acc|CD465939|Ver|CD465939.1  
GI:31387207|LeukoN2\_1\_D05.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D05\_A024 3',  
mRNA sequence.:Start:1:Stop:620

GBEQ3090 GenBank Acc|CD465926|Ver|CD465926.1  
GI:31387194|LeukoN2\_1\_G04.b1\_A024 Unstimulated peripheral blood  
leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G04\_A024 3',  
mRNA sequence.:Start:1:Stop:551

GBEQ3091 GenBank Acc|CD465870|Ver|CD465870.1  
GI:31387138|LeukoN1\_8\_C03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_C03\_A023 3',  
mRNA sequence.:Start:1:Stop:559

GBEQ3092 GenBank Acc|CD465865|Ver|CD465865.1  
GI:31387133|LeukoN1\_8\_G10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_G10\_A023 3',  
mRNA sequence.:Start:1:Stop:468

GBEQ3093 GenBank Acc|CD465859|Ver|CD465859.1  
GI:31387127|LeukoN1\_8\_G02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_G02\_A023 3',  
mRNA sequence.:Start:1:Stop:548

GBEQ3094 GenBank Acc|CD465857|Ver|CD465857.1  
GI:31387125|LeukoN1\_8\_D03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D03\_A023 3',  
mRNA sequence.:Start:1:Stop:659

GBEQ3095 GenBank Acc|CD465850|Ver|CD465850.1  
GI:31387118|LeukoN1\_8\_E11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:391

GBEQ3096 GenBank Acc|CD465844|Ver|CD465844.1  
GI:31387112|LeukoN1\_8\_A03.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A03\_A023 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ3097 GenBank Acc|CD465843|Ver|CD465843.1  
GI:31387111|LeukoN1\_8\_B05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B05\_A023 3',  
mRNA sequence.:Start:1:Stop:512

GBEQ3098 GenBank Acc|CD465841|Ver|CD465841.1  
GI:31387109|LeukoN1\_8\_H02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_H02\_A023 3',  
mRNA sequence.:Start:1:Stop:670

GBEQ3099 GenBank Acc|CD465826|Ver|CD465826.1  
GI:31387094|LeukoN1\_8\_E09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_E09\_A023 3',  
mRNA sequence.:Start:1:Stop:647

GBEQ3100 GenBank Acc|CD465767|Ver|CD465767.1  
GI:31387035|LeukoN1\_7\_D09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D09\_A023 3',  
mRNA sequence.:Start:1:Stop:496

GBEQ3101 GenBank Acc|CD465746|Ver|CD465746.1  
GI:31387014|LeukoN1\_7\_E08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E08\_A023 3',  
mRNA sequence.:Start:1:Stop:467

GBEQ3102 GenBank Acc|CD465735|Ver|CD465735.1  
GI:31387003|LeukoN1\_7\_D11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:371

GBEQ3103 GenBank Acc|CD465724|Ver|CD465724.1  
GI:31386992|LeukoN1\_7\_E05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E05\_A023 3',  
mRNA sequence.:Start:1:Stop:506

GBEQ3104 GenBank Acc|CD465716|Ver|CD465716.1  
GI:31386984|LeukoN1\_7\_D02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D02\_A023 3',  
mRNA sequence.:Start:1:Stop:463

GBEQ3105 GenBank Acc|CD465654|Ver|CD465654.1  
GI:31386922|LeukoN1\_6\_A12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A12\_A023 3',  
mRNA sequence.:Start:1:Stop:664

GBEQ3106 GenBank Acc|CD465653|Ver|CD465653.1  
GI:31386921|LeukoN1\_6\_A05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A05\_A023 3',  
mRNA sequence.:Start:1:Stop:615

GBEQ3107 GenBank Acc|CD465644|Ver|CD465644.1  
GI:31386912|LeukoN1\_6\_H10.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H10\_A023 3',  
mRNA sequence.:Start:1:Stop:609

GBEQ3108 GenBank Acc|CD465631|Ver|CD465631.1  
GI:31386899|LeukoN1\_6\_H09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H09\_A023 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ3109 GenBank Acc|CD465531|Ver|CD465531.1  
GI:31386799|LeukoN1\_5\_H08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H08\_A023 3',  
mRNA sequence.:Start:1:Stop:691

GBEQ3110 GenBank Acc|CD465523|Ver|CD465523.1  
GI:31386791|LeukoN1\_5\_E01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_E01\_A023 3',  
mRNA sequence.:Start:1:Stop:502

GBEQ3111 GenBank Acc|CD465521|Ver|CD465521.1  
GI:31386789|LeukoN1\_5\_C11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C11\_A023 3',  
mRNA sequence.:Start:1:Stop:671

GBEQ3112 GenBank Acc|CD465492|Ver|CD465492.1  
GI:31386760|LeukoN1\_5\_A11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_A11\_A023 3',  
mRNA sequence.:Start:1:Stop:392

GBEQ3113 GenBank Acc|CD465425|Ver|CD465425.1  
GI:31386693|LeukoN1\_4\_D06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_D06\_A023 3',  
mRNA sequence.:Start:1:Stop:669

GBEQ3114 GenBank Acc|CD465417|Ver|CD465417.1  
GI:31386685|LeukoN1\_4\_F11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F11\_A023 3',  
mRNA sequence.:Start:1:Stop:810

GBEQ3115 GenBank Acc|CD465404|Ver|CD465404.1  
GI:31386672|LeukoN1\_4\_E02.b1\_A023 Unstimulated peripheral blood



leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E02\_A023 3',  
mRNA sequence.:Start:1:Stop:584

GBEQ3116 GenBank Acc|CD465333|Ver|CD465333.1  
GI:31386601|LeukoN1\_3\_F12.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_F12\_A023 3',  
mRNA sequence.:Start:1:Stop:530

GBEQ3117 GenBank Acc|CD465327|Ver|CD465327.1  
GI:31386595|LeukoN1\_3\_H09.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H09\_A023 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ3118 GenBank Acc|CD465300|Ver|CD465300.1  
GI:31386568|LeukoN1\_3\_G11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G11\_A023 3',  
mRNA sequence.:Start:1:Stop:628

GBEQ3119 GenBank Acc|CD465182|Ver|CD465182.1  
GI:31386450|LeukoN1\_2\_E06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E06\_A023 3',  
mRNA sequence.:Start:1:Stop:455

GBEQ3120 GenBank Acc|CD465180|Ver|CD465180.1  
GI:31386448|LeukoN1\_2\_B08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B08\_A023 3',  
mRNA sequence.:Start:1:Stop:200

GBEQ3121 GenBank Acc|CD465167|Ver|CD465167.1  
GI:31386435|LeukoN1\_2\_B02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B02\_A023 3',  
mRNA sequence.:Start:1:Stop:457

GBEQ3122 GenBank Acc|CD465165|Ver|CD465165.1  
GI:31386433|LeukoN1\_2\_D06.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_D06\_A023 3',  
mRNA sequence.:Start:1:Stop:510

GBEQ3123 GenBank Acc|CD465156|Ver|CD465156.1  
GI:31386424|LeukoN1\_2\_D01.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_D01\_A023 3',  
mRNA sequence.:Start:1:Stop:516

GBEQ3124 GenBank Acc|CD465147|Ver|CD465147.1  
GI:31386415|LeukoN1\_2\_E11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E11\_A023 3',  
mRNA sequence.:Start:1:Stop:556

GBEQ3125 GenBank Acc|CD465140|Ver|CD465140.1  
GI:31386408|LeukoN1\_2\_F03.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_F03\_A023 3',  
mRNA sequence.:Start:1:Stop:605

GBEQ3126 GenBank Acc|CD465126|Ver|CD465126.1  
GI:31386394|LeukoN1\_2\_C08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_C08\_A023 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ3127 GenBank Acc|CD465020|Ver|CD465020.1  
GI:31386288|LeukoN1\_1\_H02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_H02\_A023 3',  
mRNA sequence.:Start:1:Stop:569

GBEQ3128 GenBank Acc|CD465007|Ver|CD465007.1  
GI:31386275|LeukoN1\_1\_B11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B11\_A023 3',  
mRNA sequence.:Start:1:Stop:674

GBEQ3129 GenBank Acc|CD464996|Ver|CD464996.1  
GI:31386264|LeukoN1\_1\_H05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_H05\_A023 3',  
mRNA sequence.:Start:1:Stop:706

GBEQ3130 GenBank Acc|CD464992|Ver|CD464992.1  
GI:31386260|LeukoN1\_1\_D05.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D05\_A023 3',  
mRNA sequence.:Start:1:Stop:684

GBEQ3131 GenBank Acc|CD464978|Ver|CD464978.1  
GI:31386246|LeukoN1\_1\_D11.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D11\_A023 3',  
mRNA sequence.:Start:1:Stop:705

GBEQ3132 GenBank Acc|CD464974|Ver|CD464974.1  
GI:31386242|LeukoN1\_1\_A07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_A07\_A023 3',  
mRNA sequence.:Start:1:Stop:610

GBEQ3133 GenBank Acc|CD464971|Ver|CD464971.1  
GI:31386239|LeukoN1\_1\_E08.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E08\_A023 3',  
mRNA sequence.:Start:1:Stop:583

GBEQ3134 GenBank Acc|CD464966|Ver|CD464966.1  
GI:31386234|LeukoN1\_1\_C11.b1\_A023 Unstimulated peripheral blood

leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_C11\_A023 3',  
mRNA sequence.:Start:1:Stop:665

GBEQ3135 GenBank Acc|CD464965|Ver|CD464965.1  
GI:31386233|LeukoN1\_1\_B02.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B02\_A023 3',  
mRNA sequence.:Start:1:Stop:573

GBEQ3136 GenBank Acc|CD464961|Ver|CD464961.1  
GI:31386229|LeukoN1\_1\_D07.b1\_A023 Unstimulated peripheral blood  
leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D07\_A023 3',  
mRNA sequence.:Start:1:Stop:607

GBEQ3137 GenBank Acc|CD464887|Ver|CD464887.1  
GI:31386155|LeukoN4\_5\_A03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A03\_A026 3',  
mRNA sequence.:Start:1:Stop:378

GBEQ3138 GenBank Acc|CD464869|Ver|CD464869.1  
GI:31386137|LeukoN4\_5\_G03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_G03\_A026 3',  
mRNA sequence.:Start:1:Stop:532

GBEQ3139 GenBank Acc|CD464863|Ver|CD464863.1  
GI:31386131|LeukoN4\_5\_C02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_C02\_A026 3',  
mRNA sequence.:Start:1:Stop:404

GBEQ3140 GenBank Acc|CD464754|Ver|CD464754.1  
GI:31386022|LeukoN4\_6\_E11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E11\_A026 3',  
mRNA sequence.:Start:1:Stop:519

GBEQ3141 GenBank Acc|CD464721|Ver|CD464721.1  
GI:31385989|LeukoN4\_6\_D04.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_D04\_A026 3',  
mRNA sequence.:Start:1:Stop:284

GBEQ3142 GenBank Acc|CD464719|Ver|CD464719.1  
GI:31385987|LeukoN4\_6\_F11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_F11\_A026 3',  
mRNA sequence.:Start:1:Stop:546

GBEQ3143 GenBank Acc|CD464716|Ver|CD464716.1  
GI:31385984|LeukoN4\_6\_B07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B07\_A026 3',  
mRNA sequence.:Start:1:Stop:492

GBEQ3144 GenBank Acc|CD464708|Ver|CD464708.1  
GI:31385976|LeukoN4\_6\_E09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E09\_A026 3',  
mRNA sequence.:Start:1:Stop:595

GBEQ3145 GenBank Acc|CD464701|Ver|CD464701.1  
GI:31385969|LeukoN4\_6\_A08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_A08\_A026 3',  
mRNA sequence.:Start:1:Stop:629

GBEQ3146 GenBank Acc|CD464695|Ver|CD464695.1  
GI:31385963|LeukoN4\_6\_C08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_C08\_A026 3',  
mRNA sequence.:Start:1:Stop:527

GBEQ3147 GenBank Acc|CD464692|Ver|CD464692.1  
GI:31385960|LeukoN4\_6\_C11.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_C11\_A026 3',  
mRNA sequence.:Start:1:Stop:316

GBEQ3148 GenBank Acc|CD464608|Ver|CD464608.1  
GI:31385876|LeukoN4\_1\_A05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_A05\_A026 3',  
mRNA sequence.:Start:1:Stop:541

GBEQ3149 GenBank Acc|CD464600|Ver|CD464600.1  
GI:31385868|LeukoN4\_1\_E09.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_E09\_A026 3',  
mRNA sequence.:Start:1:Stop:213

GBEQ3150 GenBank Acc|CD464446|Ver|CD464446.1  
GI:31385714|LeukoN4\_4\_C08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C08\_A026 3',  
mRNA sequence.:Start:1:Stop:180

GBEQ3151 GenBank Acc|CD464353|Ver|CD464353.1  
GI:31385621|LeukoN4\_3\_D08.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D08\_A026 3',  
mRNA sequence.:Start:1:Stop:152

GBEQ3152 GenBank Acc|CD464351|Ver|CD464351.1  
GI:31385619|LeukoN4\_3\_C02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C02\_A026 3',  
mRNA sequence.:Start:1:Stop:532

GBEQ3153 GenBank Acc|CD464321|Ver|CD464321.1  
GI:31385589|LeukoN4\_3\_B02.b1\_A026 Unstimulated peripheral blood

leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_B02\_A026 3',  
mRNA sequence.:Start:1:Stop:534

GBEQ3154 GenBank Acc|CD464310|Ver|CD464310.1  
GI:31385578|LeukoN4\_3\_F02.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_F02\_A026 3',  
mRNA sequence.:Start:1:Stop:252

GBEQ3155 GenBank Acc|CD464196|Ver|CD464196.1  
GI:31385464|LeukoN4\_2\_C05.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_C05\_A026 3',  
mRNA sequence.:Start:1:Stop:672

GBEQ3156 GenBank Acc|CD464193|Ver|CD464193.1  
GI:31385461|LeukoN4\_2\_E12.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_E12\_A026 3',  
mRNA sequence.:Start:1:Stop:566

GBEQ3157 GenBank Acc|CD464180|Ver|CD464180.1  
GI:31385448|LeukoN4\_2\_G01.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_G01\_A026 3',  
mRNA sequence.:Start:1:Stop:347

GBEQ3158 GenBank Acc|CD464166|Ver|CD464166.1  
GI:31385434|LeukoN4\_2\_A03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_A03\_A026 3',  
mRNA sequence.:Start:1:Stop:536

GBEQ3159 GenBank Acc|CD464165|Ver|CD464165.1  
GI:31385433|LeukoN4\_2\_C07.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_C07\_A026 3',  
mRNA sequence.:Start:1:Stop:594

GBEQ3160 GenBank Acc|CD464156|Ver|CD464156.1  
GI:31385424|LeukoN4\_2\_E03.b1\_A026 Unstimulated peripheral blood  
leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_E03\_A026 3',  
mRNA sequence.:Start:1:Stop:570

GBEQ3161 GenBank Acc|BM781417|Ver|BM781417.1  
GI:19129649|MLN1\_8\_C12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:91:Stop:551

GBEQ3162 GenBank Acc|BM781324|Ver|BM781324.1  
GI:19129556|MLN1\_7\_F02.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:573

GBEQ3163 GenBank Acc|BM781276|Ver|BM781276.1  
GI:19129508|MLN1\_6\_D05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:601

GBEQ3164 GenBank Acc|BM781258|Ver|BM781258.1  
GI:19129490|MLN1\_6\_E10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:1:Stop:643

GBEQ3165 GenBank Acc|BM781242|Ver|BM781242.1  
GI:19129474|MLN1\_6\_H05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:45:Stop:658

GBEQ3166 GenBank Acc|BM781079|Ver|BM781079.1  
GI:19129311|MLN1\_4\_G12.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:34:Stop:610

GBEQ3167 GenBank Acc|BM781060|Ver|BM781060.1  
GI:19129292|MLN1\_3\_G04.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:7:Stop:599

GBEQ3168 GenBank Acc|BM781054|Ver|BM781054.1  
GI:19129286|MLN1\_3\_G10.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:3:Stop:664

GBEQ3169 GenBank Acc|BM780969|Ver|BM780969.1  
GI:19129201|MLN1\_2\_E05.g1\_A005 Mesenteric lymph node (MLN1) Equus  
caballus cDNA , mRNA sequence.:Start:6:Stop:560

GBEQ3170 GenBank Acc|BM780833|Ver|BM780833.1  
GI:19129065|APL1\_9\_H10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:102:Stop:623

GBEQ3171 GenBank Acc|BM780812|Ver|BM780812.1  
GI:19129044|APL1\_9\_B07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:69:Stop:644

GBEQ3172 GenBank Acc|BM780790|Ver|BM780790.1  
GI:19129022|APL1\_9\_D07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:66:Stop:460

GBEQ3173 GenBank Acc|BM780765|Ver|BM780765.1  
GI:19128997|APL1\_8\_B10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:439

GBEQ3174 GenBank Acc|BM780705|Ver|BM780705.1  
GI:19128937|APL1\_8\_H04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:8:Stop:503

GBEQ3175 GenBank Acc|BM780678|Ver|BM780678.1  
GI:19128910|APL1\_6\_B11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:2:Stop:652

GBEQ3176 GenBank Acc|BM780662|Ver|BM780662.1  
GI:19128894|APL1\_6\_D04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:213

GBEQ3177 GenBank Acc|BM780652|Ver|BM780652.1  
GI:19128884|APL1\_6\_E03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:33:Stop:597

GBEQ3178 GenBank Acc|BM780633|Ver|BM780633.1  
GI:19128865|APL1\_6\_G02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:374

GBEQ3179 GenBank Acc|BM780627|Ver|BM780627.1  
GI:19128859|APL1\_6\_G11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:549

GBEQ3180 GenBank Acc|BM780598|Ver|BM780598.1  
GI:19128830|APL1\_4\_B06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:45:Stop:192

GBEQ3181 GenBank Acc|BM780584|Ver|BM780584.1  
GI:19128816|APL1\_4\_D02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:3:Stop:534

GBEQ3182 GenBank Acc|BM780581|Ver|BM780581.1  
GI:19128813|APL1\_4\_C11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:467

GBEQ3183 GenBank Acc|BM780564|Ver|BM780564.1  
GI:19128796|APL1\_4\_E03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:80:Stop:600

GBEQ3184 GenBank Acc|BM780562|Ver|BM780562.1  
GI:19128794|APL1\_4\_F05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:72:Stop:474

GBEQ3185 GenBank Acc|BM780537|Ver|BM780537.1  
GI:19128769|APL1\_4\_H06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:71:Stop:645

GBEQ3186 GenBank Acc|BM780525|Ver|BM780525.1  
GI:19128757|APL1\_3\_A02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:89:Stop:622

GBEQ3187 GenBank Acc|BM780524|Ver|BM780524.1  
GI:19128756|APL1\_3\_A01.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:70:Stop:590

GBEQ3188 GenBank Acc|BM780515|Ver|BM780515.1  
GI:19128747|APL1\_3\_B07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:262

GBEQ3189 GenBank Acc|BM780508|Ver|BM780508.1  
GI:19128740|APL1\_3\_C03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:11:Stop:201

GBEQ3190 GenBank Acc|BM780499|Ver|BM780499.1  
GI:19128731|APL1\_3\_C09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:364

GBEQ3191 GenBank Acc|BM780477|Ver|BM780477.1  
GI:19128724|APL1\_3\_D06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:292

GBEQ3192 GenBank Acc|BM780472|Ver|BM780472.1  
GI:19128719|APL1\_3\_D08.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:4:Stop:664

GBEQ3193 GenBank Acc|BM780490|Ver|BM780490.1  
GI:19128707|APL1\_3\_E07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:7:Stop:533

GBEQ3194 GenBank Acc|BM780486|Ver|BM780486.1  
GI:19128703|APL1\_3\_F07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:277

GBEQ3195 GenBank Acc|BM780457|Ver|BM780457.1  
GI:19128689|APL1\_3\_F09.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:10:Stop:659

GBEQ3196 GenBank Acc|BM780446|Ver|BM780446.1  
GI:19128678|APL1\_3\_H05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:384

GBEQ3197 GenBank Acc|BM780433|Ver|BM780433.1  
GI:19128665|APL1\_2\_A02.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:224

GBEQ3198 GenBank Acc|BM780417|Ver|BM780417.1  
GI:19128649|APL1\_2\_B04.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:49:Stop:537



GBEQ3199 GenBank Acc|BM780379|Ver|BM780379.1  
GI:19128611|APL1\_2\_F07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:37:Stop:679

GBEQ3200 GenBank Acc|BM780374|Ver|BM780374.1  
GI:19128606|APL1\_2\_G05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:40:Stop:639

GBEQ3201 GenBank Acc|BM780366|Ver|BM780366.1  
GI:19128598|APL1\_2\_G12.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:49:Stop:411

GBEQ3202 GenBank Acc|BM780360|Ver|BM780360.1  
GI:19128592|APL1\_2\_H10.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:249

GBEQ3203 GenBank Acc|BM780357|Ver|BM780357.1  
GI:19128589|APL1\_2\_H07.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:532

GBEQ3204 GenBank Acc|BM780356|Ver|BM780356.1  
GI:19128588|APL1\_2\_H06.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:49:Stop:630

GBEQ3205 GenBank Acc|BM780329|Ver|BM780329.1  
GI:19128561|APL1\_1\_B11.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:554

GBEQ3206 GenBank Acc|BM780317|Ver|BM780317.1  
GI:19128549|APL1\_1\_D05.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:1:Stop:469

GBEQ3207 GenBank Acc|BM780310|Ver|BM780310.1  
GI:19128542|APL1\_1\_E03.g1\_A005 Liver (APL1) Equus caballus cDNA,  
mRNA sequence.:Start:87:Stop:642

GBEQ3208 GenBank Acc|BM735615|Ver|BM735615.1  
GI:19056948|MONO1\_21\_A04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:49:Stop:551

GBEQ3209 GenBank Acc|BM735581|Ver|BM735581.1  
GI:19056914|MONO1\_21\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:446

GBEQ3210 GenBank Acc|BM735571|Ver|BM735571.1  
GI:19056904|MONO1\_21\_E09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:630

GBEQ3211 GenBank Acc|BM735526|Ver|BM735526.1  
GI:19056859|MONO1\_19\_A10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:644

GBEQ3212 GenBank Acc|BM735514|Ver|BM735514.1  
GI:19056847|MONO1\_19\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:7:Stop:561

GBEQ3213 GenBank Acc|BM735499|Ver|BM735499.1  
GI:19056832|MONO1\_19\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:69:Stop:412

GBEQ3214 GenBank Acc|BM735470|Ver|BM735470.1  
GI:19056803|MONO1\_19\_F04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:314

GBEQ3215 GenBank Acc|BM735449|Ver|BM735449.1  
GI:19056782|MONO1\_19\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:604

GBEQ3216 GenBank Acc|BM735389|Ver|BM735389.1  
GI:19056722|MONO1\_20\_B05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:12:Stop:584

GBEQ3217 GenBank Acc|BM735380|Ver|BM735380.1  
GI:19056713|MONO1\_20\_B11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:436

GBEQ3218 GenBank Acc|BM735366|Ver|BM735366.1  
GI:19056699|MONO1\_20\_D04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:451

GBEQ3219 GenBank Acc|BM735352|Ver|BM735352.1  
GI:19056685|MONO1\_18\_A01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:11:Stop:487

GBEQ3220 GenBank Acc|BM735349|Ver|BM735349.1  
GI:19056682|MONO1\_18\_B01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:467

GBEQ3221 GenBank Acc|BM735276|Ver|BM735276.1  
GI:19056609|MONO1\_18\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:529

GBEQ3222 GenBank Acc|BM735253|Ver|BM735253.1  
GI:19056586|MONO1\_17\_B02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:181

GBEQ3223 GenBank Acc|BM735242|Ver|BM735242.1  
GI:19056575|MONO1\_17\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:657

GBEQ3224 GenBank Acc|BM735232|Ver|BM735232.1  
GI:19056565|MONO1\_17\_D02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:23:Stop:563

GBEQ3225 GenBank Acc|BM735213|Ver|BM735213.1  
GI:19056546|MONO1\_17\_F07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:76:Stop:650

GBEQ3226 GenBank Acc|BM735197|Ver|BM735197.1  
GI:19056530|MONO1\_17\_H11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:43:Stop:601

GBEQ3227 GenBank Acc|BM735190|Ver|BM735190.1  
GI:19056523|MONO1\_17\_H05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:281

GBEQ3228 GenBank Acc|BM735189|Ver|BM735189.1  
GI:19056522|MONO1\_17\_H04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:550

GBEQ3229 GenBank Acc|BM735146|Ver|BM735146.1  
GI:19056479|MONO1\_16\_D05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:14:Stop:588

GBEQ3230 GenBank Acc|BM735053|Ver|BM735053.1  
GI:19056386|MONO1\_23\_E05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:298

GBEQ3231 GenBank Acc|BM735006|Ver|BM735006.1  
GI:19056339|MONO1\_15\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:339

GBEQ3232 GenBank Acc|BM734986|Ver|BM734986.1  
GI:19056319|MONO1\_15\_D06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:81:Stop:673

GBEQ3233 GenBank Acc|BM734984|Ver|BM734984.1  
GI:19056317|MONO1\_15\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:15:Stop:642

GBEQ3234 GenBank Acc|BM734983|Ver|BM734983.1  
GI:19056316|MONO1\_15\_D04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:510

GBEQ3235 GenBank Acc|BM734974|Ver|BM734974.1  
GI:19056307|MONO1\_15\_E12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:10:Stop:563

GBEQ3236 GenBank Acc|BM734944|Ver|BM734944.1  
GI:19056277|MONO1\_14\_A02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:33:Stop:628

GBEQ3237 GenBank Acc|BM734943|Ver|BM734943.1  
GI:19056276|MONO1\_14\_A05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:8:Stop:644

GBEQ3238 GenBank Acc|BM734905|Ver|BM734905.1  
GI:19056238|MONO1\_14\_E02.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:440

GBEQ3239 GenBank Acc|BM734891|Ver|BM734891.1  
GI:19056224|MONO1\_14\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:30:Stop:641

GBEQ3240 GenBank Acc|BM734871|Ver|BM734871.1  
GI:19056204|MONO1\_14\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:660

GBEQ3241 GenBank Acc|BM734849|Ver|BM734849.1  
GI:19056182|MONO1\_13\_B03.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:8:Stop:515

GBEQ3242 GenBank Acc|BM734827|Ver|BM734827.1  
GI:19056160|MONO1\_13\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:640

GBEQ3243 GenBank Acc|BM734822|Ver|BM734822.1  
GI:19056155|MONO1\_13\_E01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:54:Stop:632

GBEQ3244 GenBank Acc|BM734802|Ver|BM734802.1  
GI:19056135|MONO1\_13\_G04.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:253

GBEQ3245 GenBank Acc|BM734798|Ver|BM734798.1  
GI:19056131|MONO1\_13\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:5:Stop:620

GBEQ3246 GenBank Acc|BM734786|Ver|BM734786.1  
GI:19056119|MONO1\_13\_H09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:33:Stop:180

GBEQ3247 GenBank Acc|BM734774|Ver|BM734774.1  
GI:19056107|MONO1\_12\_A09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:6:Stop:591

GBEQ3248 GenBank Acc|BM734767|Ver|BM734767.1  
GI:19056100|MONO1\_12\_B06.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:324

GBEQ3249 GenBank Acc|BM734738|Ver|BM734738.1  
GI:19056071|MONO1\_12\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:49:Stop:619

GBEQ3250 GenBank Acc|BM734727|Ver|BM734727.1  
GI:19056060|MONO1\_12\_F05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:3:Stop:647

GBEQ3251 GenBank Acc|BM734722|Ver|BM734722.1  
GI:19056055|MONO1\_12\_F10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:18:Stop:629

GBEQ3252 GenBank Acc|BM734711|Ver|BM734711.1  
GI:19056044|MONO1\_12\_G11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:71:Stop:626

GBEQ3253 GenBank Acc|BM734710|Ver|BM734710.1  
GI:19056043|MONO1\_12\_G10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:179:Stop:403

GBEQ3254 GenBank Acc|BM734662|Ver|BM734662.1  
GI:19055995|MONO1\_11\_D12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:480

GBEQ3255 GenBank Acc|BM734660|Ver|BM734660.1  
GI:19055993|MONO1\_11\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:144

GBEQ3256 GenBank Acc|BM734652|Ver|BM734652.1  
GI:19055985|MONO1\_11\_D01.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:68:Stop:246

GBEQ3257 GenBank Acc|BM734651|Ver|BM734651.1  
GI:19055984|MONO1\_11\_C12.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:24:Stop:645

GBEQ3258 GenBank Acc|BM734583|Ver|BM734583.1  
GI:19055916|MONO1\_10\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:30:Stop:647

GBEQ3259 GenBank Acc|BM734568|Ver|BM734568.1  
 GI:19055901|MONO1\_10\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:49:Stop:373

GBEQ3260 GenBank Acc|BM734533|Ver|BM734533.1  
 GI:19055866|MONO1\_9\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:482

GBEQ3261 GenBank Acc|BM734531|Ver|BM734531.1  
 GI:19055864|MONO1\_9\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:6:Stop:571

GBEQ3262 GenBank Acc|BM734505|Ver|BM734505.1  
 GI:19055838|MONO1\_9\_E01.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:580

GBEQ3263 GenBank Acc|BM734502|Ver|BM734502.1  
 GI:19055835|MONO1\_9\_D10.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:20:Stop:672

GBEQ3264 GenBank Acc|BM734482|Ver|BM734482.1  
 GI:19055800|MONO1\_9\_A07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:33:Stop:642

GBEQ3265 GenBank Acc|BM734436|Ver|BM734436.1  
 GI:19055769|MONO1\_1\_B03.b1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:1:Stop:248

GBEQ3266 GenBank Acc|BI961921|Ver|BI961921.1  
 GI:16320124|MONO1\_8\_D11.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:103:Stop:677

GBEQ3267 GenBank Acc|BI961812|Ver|BI961812.1  
 GI:16320015|MONO1\_4\_H07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:3:Stop:317

GBEQ3268 GenBank Acc|BI961802|Ver|BI961802.1  
 GI:16320005|MONO1\_4\_G06.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:249:Stop:626

GBEQ3269 GenBank Acc|BI961783|Ver|BI961783.1  
 GI:16319986|MONO1\_4\_E08.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:4:Stop:516

GBEQ3270 GenBank Acc|BI961771|Ver|BI961771.1  
 GI:16319974|MONO1\_4\_D07.g1\_A005 Monocytes (MONO1) Equus caballus  
 cDNA, mRNA sequence.:Start:35:Stop:610

GBEQ3271 GenBank Acc|BI961653|Ver|BI961653.1  
GI:16319856|MONO1\_2\_F11.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:4:Stop:389

GBEQ3272 GenBank Acc|BI961592|Ver|BI961592.1  
GI:16319795|MONO1\_1\_G09.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:299

GBEQ3273 GenBank Acc|BI961554|Ver|BI961554.1  
GI:16319757|MONO1\_1\_C05.g1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:32:Stop:608

GBEQ3274 GenBank Acc|BI961371|Ver|BI961371.1  
GI:16319574|MONO1\_4\_F04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:206

GBEQ3275 GenBank Acc|BI961358|Ver|BI961358.1  
GI:16319561|MONO1\_4\_E02.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:234

GBEQ3276 GenBank Acc|BI961234|Ver|BI961234.1  
GI:16319437|MONO1\_7\_G04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:374

GBEQ3277 GenBank Acc|BI961226|Ver|BI961226.1  
GI:16319429|MONO1\_7\_F08.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:423

GBEQ3278 GenBank Acc|BI961214|Ver|BI961214.1  
GI:16319417|MONO1\_7\_E03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:450

GBEQ3279 GenBank Acc|BI961190|Ver|BI961190.1  
GI:16319393|MONO1\_7\_B10.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:368

GBEQ3280 GenBank Acc|BI961085|Ver|BI961085.1  
GI:16319288|MONO1\_5\_H04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:616

GBEQ3281 GenBank Acc|BI961011|Ver|BI961011.1  
GI:16319214|MONO1\_5\_A04.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:287

GBEQ3282 GenBank Acc|BI960987|Ver|BI960987.1  
GI:16319190|MONO1\_3\_F03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:444

GBEQ3283 GenBank Acc|BI960986|Ver|BI960986.1  
GI:16319189|MONO1\_3\_F02.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:463

GBEQ3284 GenBank Acc|BI960983|Ver|BI960983.1  
GI:16319186|MONO1\_3\_E11.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:414

GBEQ3285 GenBank Acc|BI960928|Ver|BI960928.1  
GI:16319131|MONO1\_2\_F09.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:488

GBEQ3286 GenBank Acc|BI960921|Ver|BI960921.1  
GI:16319124|MONO1\_2\_F02.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:118

GBEQ3287 GenBank Acc|BI960915|Ver|BI960915.1  
GI:16319118|MONO1\_2\_E03.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:460

GBEQ3288 GenBank Acc|BI960893|Ver|BI960893.1  
GI:16319096|MONO1\_2\_B07.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:581

GBEQ3289 GenBank Acc|BI960857|Ver|BI960857.1  
GI:16319060|MONO1\_1\_G05.b1\_A005 Monocytes (MONO1) Equus caballus  
cDNA, mRNA sequence.:Start:1:Stop:553



# TABLE 34

>GBEQ0001 |Acc|AJ311673|Ver|AJ311673.1 GI:18369730|Equus caballus partial 18S rRNA gene.  
AGCATATGCTTGTCTCAAAGATTAAGCCATGCATGTCTAAGTACGCACGGCCGGTACAGTGAAACTGCGA  
ATGGCTCATTAATCAGTTATGGTTCCTTTGGTCGCTCGCTCCTCTCCTACTTGGATAACTGTGGTAATT  
CTAGAGCTAATACATGCCGACGGGCGCTGACCCCTTCGCGGGGGGGATGCGTGCATTTATCAGATCAAA  
ACCAACCCGGTCAGCCTCCTCCCGGCCCGGGCGGGGGGGCGGGCGCCGGCGGCTTTGGTGACTCTAGATA  
ACCTCGGGCCGATCGCACGCCCCCGTGGCGGCGACGACCCATTGAAACGTCTGCCCTATCAACTTTTCA  
TGGTAGTCGCTGTGCCCTACCATGGTGACCACGGGTGACGGGGAATCAGGGTTTCGATTCCGGAGAGGGAGC  
CTGAGAAACGGCTACCACATCCAAGGAAGGCAGCAGGCGCGCAAATTACCCACTCCCGACCCGGGGAGGT  
AGTGACGAAAAATAACAATACAGGACTCTTTTCGAGGCCCTGTAATTGGAATGAGTCCACTTTAAATCCTT  
TCGCGAGGATCCATTGGAGGGCAAGTCTGTTGCCAGCAGCCGCGTAATTCAGCTCCAATAGCGTATAT  
TAAAGTTGCTGCAGTTAAAAAGCTCGTAGTTGGATCTTGGGAGCGGGCGGGCGGTCGCCCGGAGCGAG  
CCACCGCCCGTCCCGGCCCTTGCCTCTCGCGCCCCCTCGATGCTCTTAGCTGAGTGTCCCGCGGGGCC  
CGAAGCGTTTACTTTGAAAAAATTAGAGTGTTCAAAGCAGGCCCGAGCCGCTGGATACCCGAGCTAGGA  
ATAATAGGAATAGGACCGGTTCTATTTTGTGGTTCGGAACCTGAGGCCATGATTAAGAGGGACGGCC  
GGGGGCATTTCGTATTGCGCGCTAGAGGTGAAATTCTTGGACCGCGCAAGACGGACCAGAGCGAAAGCA  
TTTGCCAAGAATGTTTTTATTAATCAAGAACGAAAGTCGAGGTTTCAAGACGATCAGATACCGTCGTAG  
TTCCGACCATAAACGATGCCGACTGGCGATGCGGCGGCGTTATTCCTATGACCCGCCGGGCGAGCTTCCGG  
GAAACCAAGTCTTTGGGTTCCGGGGGGAGTATGTTTGCAGGCTGAAACTTAAAGGAATTGACGGAAG  
GCACCACAGGAGTGGAGCCTGCGGCTTAATTTGACTCAACACGGGAAACCTACCCGGCCCGGACACGG  
ACAGGATTGACAGATTGATAGCTCTTTCTCGATTCCGTGGGTGGTGGTGCATGGCCGTTCTTAGTTGGTG  
GAGCGATTGTGCTGGTTAATTCGATAACGAACGAGACTCTGGCATGCTAACTAGTTACGCGACCCCCGA  
GCGGTTCGGCGTCCCCCACTTCTTAGAGGGACAAGTGGCGTTCAGCCACCCGAGATTGAGCAATAACAGG  
TCTGTGATGCCCTTAGATGTCCGGGGCTGCACGCGCGCTACACTGACTGGCTCAGCGTGTGCTACCTTA  
CGCCGGCAGGCGCGGTTAACCCTGTAACCCCTTCGTGATGGGGATCGGGGATTGCAATTATTCCCCAT  
GAACGAGGAATTCAGTAAGTGCGGGTCATAAGCTTGCCTGATTAAGTCCCTGCCCTTTGTACACACC  
GCCCCGCTACTACCGATTGGATGGTTTAGTGAGGCCCTCGGATCGGCCCGCGGGGTGCGGCCACGG  
CCTGGCGGAGCGCTGAGAAGACGGTCAAACTTGACTATCTAGAGGAAGTAAAGTTCGTAAACAGGTTTCC  
GTAG

>GBEQ0002 |Acc|AF134233 REGION: <6..267|Ver|AF134233.1 GI:7416875|Equus caballus  
parathyroid hormone (PTH) gene, partial cds.  
GAAGAGATCTGTGAGTGAAATACAGCTTATGCATAACCTGGGCAAACATCTGAACTCAGTGGAAGGGTG  
GAATGGCTGCGGAAGAGCTGCAGGATGTGCACAATTTTATTGCCCTCGGAGCTCCTATATTTACAGAG  
ATGGTGGTTCCAGAGGCTCGAAAAAGGAAGACAATGTGCTGATTGAGAGCCATCAARAAAGTCTTGG  
AGAAGCAGACAAAGCTGTATGGATGTGTTAAGTAAACTAAATCCCAAGTGA

>GBEQ0005 |Acc|AJ318334|Ver|AJ318334.1 GI:14530095|Equus caballus partial mRNA for high  
affinity IgE receptor gamma subunit (fcerlg gene).  
GTGCCAGCAGAGCCTCCGATCCCTGGCTCCCGGCCCTCAGCCCCCTGGCCAGGATGATTCCAGCAGTGG  
TCTTGCTCTTACTCCTTTTGGTTGAACAAGCAGCGGCCCTGGGAGAGCCTCAGCTTTGCTATATTCTGGA  
TGCCATCCTGTTCTGTATGGTATTGTCTCACCCTGCTCTACTGTGCACTCAAGATCCAGGTGCGAAAG  
GCAGCTATAGCCAGCTATGAGAAATCAGATGCCGTTTACACGGGCTTGAGTACCCGGACCCAGGAGACTT  
ATGAGACTCTGAAGCATGAGAAACCGCCACAGTAACCTTTCAAACAGATGCCCTTGGTCACATCCTTCTTC  
TGCTCCGTTTCTCCTTCAGCCCTCATGTTGGCATCACATGTCTCCCTGCCATTAATGCTAGCTGAC  
CCTACCCCTGTAATGATGCTATGCCCCCATTAACGGACATCAGTGGTTTCTTCTCCTGTCAAACACCT  
ATGCTCAGATGCTATTCATTAATGTTTATATTCTAGTCTCACCCCTACACCCACCCCTTTTCTTTTCCC  
CATCCCCAACTCACAGTAAACAATGGAAAGAGAGTACCACCAATAAAACTGCCACAGACTGGAAAAAA

>GBEQ0006 |Acc|AJ318332|Ver|AJ318332.1 GI:14530093|Equus caballus partial mRNA for high  
affinity IgE receptor beta subunit (fcerlb gene).  
CACCAGTGGATAGATCAGTTAATGAAAAATGGATCCAGAAAAATAGGGCCAGAGCAGAACTCATTCTCCC  
AAACCCACAAGGGCCCTCCAGAGTGTCTGAAATTGAACCTGCAGAAGTCTCTCTCCATGATACCACTTTA  
CTGCGGAAGGTGCCCAATCCAACACACCTACATGGCTGACATTTTGGAGGAAGGAGCTGGAATTCC  
TGGGGGTAACACAAATTCTGATTGGTTTGACATGCCCTTTGGTTTGGAAACATTTGTCTTCTCCATGCTC  
AAAGTCAGACTTTGAGGAAACATATTTTCATCATTTGAAGCAGGCTACCCATTCTGGGGAGCAATATTT  
TTTTTTATTTCCGGATTTTGTCAATTATGTCTGAAGAGAAACGTGAAATATATCTGCTACAAGGAAGCC  
TGGGGGCAAACTGTGCAGCATGGCTGCAGGAACAGGAATCATCATCTGCTCATCAACCTGAAGAC  
GAGCATGGCTTTTCATCTACAACCTGCCAGGACACTTATGAGGAAGACTTCTGCCTTATCGTTTCTTTTCC  
ACTGAAATCGTGGCAGTGACCCTGTTATCACTGTTCTGGGGTTTTGCAGTGCTGTGTCACTCACAATCT  
ACGGAGTGGGAGAAATATTCGAAAGAAGTAAGATTCCAGAAGATCGTCTTTATGAAGAATTAAACATATA

TTCACCAATATACAGTGAGTTGGAAGAGAGGGGAGATATCTTCTCCAGTGACTCATAAGAATGCTGTGC  
 CCAGAACATTCTGATTGACAGCAAAGGGTTTCAGAAAGCAAGCTCTTTGTTTAAGGGGCTACAGGC AAAAT  
 TTATATTCTCTCTATAATCTGCTGATTTTACATTATGATTTATTTTCCAGATGGCAAAAAA  
 >GBEQ0007 |Acc|AJ555215|Ver|AJ555215.1 GI:30348604|Equus caballus mRNA for GLUT5 fructose  
 transporter (slc2A5 gene).  
 TATTTTGGCTGAGAGGAGGTAAGCTGCACTTGCAGAGCAGAGATGGAGCAGCAGGATCCGATT  
 AAGAAGGAAGGGAGGCTGACACCTGTGCTTGCCCTGGCGACACTGATAGCTGCCTTTGGATCATCCTTCC  
 AGTATGGGTACAACGTGGCCGCTGTCAACTCCCTGCCGAGCTCATGAAAGCATTTTATAATGAGACCCA  
 CTACAGTAGATTCACTGAATACATCAGCGAGTTTTCCTTGACGTTGCTGTGGTCCATTTCTGTGTCCATG  
 TTCCCTTTTGAGGCTTCGTGCGATCCCTCATGTTGGCCCCCTTGGTGAATAGACTTGGCAGAAAAGGGA  
 CCTTGCTGTTTAAACAACATATTTTCCATCGTGCCCGCCATCTTAATGGGAACCAGCAAACTGCCAGGTC  
 GTACGAGATGATAATTTTGTCCAGACTTTTGGTGGGAATATGTGCAGGTCTGTCTTCCACGTTGTCCCT  
 ATGTACTTAGGGGAGCTGTCCCTAAGAACCTGAGGGGGGCTCTCGGGGTGGTGCCCCAGCTCTTCATCA  
 CCGTTGGCATCCTTGTGGCCAGATCGTTGGTCTTCGGAGTCTCCTTGCAACTGAAGAAGGCTGGCCGAT  
 CCTCCTCGGGTTGACTGCCATTCCAGCAGCCCTGCAGCTCCTTCTACTGCCCTTCTTCCCCGAGAGCCCC  
 AGGTACCTGCTGATTTCAGAGAAAGATGCAGCAGCTGCCAAAAACGCACTGAAGAGGCTGCGTGGCTGGG  
 ATGATGTGGATGCCGAGATGGAGGAGATCCAGCTGGAGGACGAGGCCGAGAAGGCCGCGGGCATCATCTC  
 CGTGCTGACGATGTTTCAGGATGAGGTCCCTGCGATGGCAGGTCATCTCCATCATCATCCTCATGGGCGGC  
 CAGCAGCTGTGAGGAGTGAATGCGATCTACTACTACGACAGACAGATCTACCTGAGCGCTGGGGTCAAAG  
 ACCAGGATGTCCAGTACGTGACGGTGGGCACAGGGGCTGTCAACGTGTTGATGACCATCTGCGCTGTGTT  
 CGTGGTGGAGTACCTGGGGAGGAGGGCCCTGCTCCTCCTGGGCTTCTCTGTCTGCTTCATCGCTGTGCTG  
 GTGCTGACCGTTCGCTCTGGCTCTGCAGGACAGGGTATCCTGGATGCCTTACATCAGCATCGTCTGTGTCA  
 TCTCCTACGTCATAGGACATGCCCTTGGGCCCAGTCCCATCCCGCGCTGCTCATCACGGAGGTCTTCCT  
 TCAGTCTCCAGGTGCGCCGCTTACATGGTGGGGGCGACCGTCCACTGGCTCTCCAACCTCGCTGTGGGC  
 TTGGTCTTCCCGTTTCATTCAAGTGGGCCTCGGAGCTTACAGCTTCATCATCTTTGCCGTGATTTCCTTC  
 TCACCACCATCTACATCTTCTGATTGTCCCTGAGACCAAGGGCAAGACATTCGTGGAGATCAATCACAT  
 TTTCACCAAGATGAATAAGGTGTGACAGCTGCACCCGGCAAAGGATGAAGTGAAGGACATCCCCCTCTCT  
 GCCGTGGAGCTGTAGCTTGAGAGGAGGGGCTGTTAAGCGGTGCGGTGTGGAGCTTCCCTCCTGGGCTTTT  
 TTTCTGACTAAAAGTTGTCTATGAGTATCCAGCACTAGGCCAAGGCCAGTGTGGAATGCAGGCCCAATG  
 GGACTGTCCGAAAGGCTTCTGTGCGGTTCTGAAAGCCAAGCTGTCTGTCTCCAGATTGACCCATCTCCAA  
 CCCCAGTTCACAGCGAGCAGCTGTCCCTAGCTGTGCTGGGTGAGCCACTGTGGGACTCCGGGTGACGCC  
 AGCTCTTATGATAAGAATCGTTGGTAGGGTAGTGCGATGGAAGGAATACATTTTGCCAGAGAAAGAAAC  
 TCTTCTTTAATTCCGAGTCTTCTGGGGGCCACAAGCCTGTGTTTCAGAGCAGAATTCATTCTCTTGTGAGA  
 TCCACCTCCAGAAACACGATCTTGGAAAGTGTGTTTGTGACAAGTAATAATGTCTAAGAAGCTGGGGAAC  
 AGGTCCCTGTGGAGATTTTAACTGAGTCAGAGATTATTGATCATAAATTATATTGTTAGGGGACAACAGA  
 ATTGCATCTGTATACTCAATAAAATGAATAATGGTTACTTTTCAAAAAAAAAAAAAAAAAAAAAA  
 >GBEQ0008 |Acc|AY225156|Ver|AY225156.1 GI:29888041|Equus caballus clone 7-7 putative MHC  
 class I antigen pseudogene mRNA, partial sequence.  
 ATGGCGCCCCGAGCCTTCTCCTGCTGCTCTCAGGGGCCCTGACCCTGATCGACACCTGGGCGGGCTCCC  
 ACTCCATGAGGTATTTCAAACCGTCATGTCCAGTCACGGCCGCGGGGAGACTCATTTTCATCGTCTCGG  
 CTCAGTGGACGACACGCAGTTCGTGCGGTTTCGACAGCGACGCCGCGAGTCCGAGGATGGAGCCCCGGGCG  
 CCGTGGATGGAGCAGGAAGGGCAAGAGTATTGGGAAGAGCAGACAAGGAACGTCAAGGACACCGCACAGA  
 AATTAGAAGCAGAACTTAACACACTGCGCAACTACTACAATCAGAGCAAGGCCGTGTCTCACACCTACCA  
 GTGGACGCACGTTGTACGTGGGGACAGACGGGCACCTGCTCCTCGGGTACAGTCAGTACGCCTACGAC  
 GGCATCGATCACCTCTCCCTGAACGAGGACCTGCGTCTTGGACCGCATGAACACGGCGGCTCAGATCA  
 CTCACGCTAAGTTGGACGACGAGGTGCGACTGAGCAGCAGACACTACCTGGAGGGCACATGCGTGGGA  
 GTGGCTCCTCAGACACATGGAGAACGGGAAGCAGACGCTGCAGCGCATAGAACCTCCAAAGACACATGTG  
 ACCACCACCCCATCTCTGACCACGAGGTCAACCTGAGGTGCTGGGCCCCCTGGGCTTATACCTTGGCGAGA  
 TCACCCCTGACCTGGCAGCGTGTGGGGAGGACCTGACCCAGGACACGGAGCTTGTGGAGACGAGGCTGC  
 AGGGACGCGGCTTCCAGAGTGGGCTGCTGTGGTGGTCTTCTGGAGAGGAGCAGACATACACATGC  
 CATGTGCAGCACGAGGGGCTACCTGAGCCGCTGACCCTGAGATGGGAGCCGCCCTCAGTCCACCATCC  
 TCATCGTGGGCTCATTGCTGGCCTGGGTCTCCTTGGAGCTGTGGTGGCTGGAGCTGTGATCTGGAGGAA  
 GAAGCACTCAGGACAGATCCACATAGGAACCACTGCCCTGCTGCTGGATGCAGATGTCACTACTACA  
 CCACTGACACCTTCTGTAAGGACACTGGATCCCTGCGGCTGGGACTTCTACGCCACTGCTCCTGGCAAC  
 TGGATATTGTGCTGCCACTCATGCCACCTTGCCAAATGCATTCTGCGCAGTTCCAGCCTCTCCATGTC  
 ACCACATGCTGAGTCAGAGTCTGACGTGGTCTCCTGA  
 >GBEQ0009 |Acc|AY040863|Ver|AY040863.1 GI:19031196|Equus caballus kappa casein mRNA,

CTTTAAAGCAATA  
 >GBEQ0012 |Acc|D30688 D13818|Ver|D30688.1 GI:1132476|Equus caballus mRNA for cytochrome  
 P-450 17 alpha-hydroxylase/C17,20-lyase, complete cds.  
 CCACAGCTGTCTGTGCTGCCTGCTGAGACTGGCCACAATGTGGGAGCTCTTGGCTTTCTGCTGTTGGCC  
 ATAGCCTATTTCTTTCGGCCCAAGGTTAAGTGCCCTGGTGCCAAAGTACCCCAAGAGCCTCCCATACCTGC  
 CCTTGGTGGGCGACCTGCGGTTCTTCCAGACATGGCCATCCGCATGTGAACCTCTTCAAGCTGCAGAA  
 AAAAATACGGCCCATCTATTCTTGCATGGGTACCAAGACTACGGTGATGGTCGGCCACTACCAACTG

GCCAAGGAGGTGCTTATCAAGAAGGGCAAGGAATTCTCCGGGCGGCCCAAGTGGCAACTCTAAACATCC  
 TGTCAGACAATCAAAAGGGTGTGCGCTTCGCGGACCATGGTGCCCCCTGGCAGCTGCATCGGAAGCTGGT  
 GCGGGCTGCTTTGCCCTGTTCAAGGACGGCAACCAGAAGCTGGAGAAGATTATATGTCATGAAACCACT  
 TTATTGTGTGACTTACTGGCCACTCAGAATGGACAGACCATAGACTTGTCTCGCCTCTCTTCTGGCGG  
 TGACCAACGTAATCTGCTGGATCTGCTTCAACTCCTCCTACATGAAAGGGGATCCTGCGCTGGAGACCAT  
 GCAGAATTACCACAAAGGCATCCTGGAAACCCTGGAAAAAGACAATGTGGTAGACATATTCCCCGATTG  
 AAGATTTTCCCCAACAAATCCCTGGAAAAAATGAGGCATTGTGTTAACATACGAAATGAACTGCTGAGTA  
 AAATCTTTGAAAAACATAAGGAGAACTTCAACAGTGACTCCATCACTAGCATGCTGGACTTACTGATCCA  
 AGCCAAGAAGAACTCAGACAATAACAACACTGGCCAGACCAGGATTCAAAGCTGCTTTTCGGATAAACAC  
 ATTCTTGCCACCATAGGGGACATCTTCGGGGCCGGTGTGGAGACCACCACCTCTGTGGTGAAGTGGATTG  
 TGGCCTTCTGCTGCACGACCCTCAGCTGAAGAAGAAGATCCAGGAGGAGATTGACCAGAATGTGGGTTT  
 CAGCCGCACACCAACACTCAGTGACCGGAACCGCCTCCTTCTGCTGGAGGCCACCATCCGAGAAGTGCCTT  
 CGTATCCGGCCTGTGGCCCTATGCTCATCCCCATAAGGCTCTTGTTGACTCCAGCATCGGCGAGTTTG  
 CTGTTGACGAGGGCACAACGTCATCATCAATTTGTGGGCACTCCATCACAATGAGAAGGAGTGGCACC  
 GCCTGACCGGTTTCATGCCTGAGCGCTTCTTGACCCACGCGGAGCCAGCTCATCTCACCGTCGTTAAGC  
 TACTTGCCCTTTGGAGCAGGTCCCCGCTCTTGATAGGTGAGCTCCTGGCCCGCCAGGAGCTCTTCTCT  
 TCACGGCCTGGTTGCTGCAGAGGTTAACCTGGAGGTCCCGATGATGGCCAGCTGCCCTCCCTGGAGGG  
 CCACCCACAGCGGTCTTTCTGATCGACTCTTTCAAAGTGAAGATTAATGTGCGCCAGGCCTGGAGGGAG  
 GCCCAGGCTGAGGGCAGCACCTAGAGGCTGTACCTAGCACCCCTGACTCCACCTGTGTGACCCACAGCA  
 CAGAGTCAGAGGTACCACTCCATCCTCCCCACCCCTTCTCCCTTCTCTCGGGGGCCCACTCTGCCTTCT  
 TTTCCAGCCTGCAGCCCTGGCAGTGATGTGTATAAACCAATGGTTTCTTTCAGAAAGGCCCTGAGCAG  
 CTCATCATTTATTCATTTGGTCTCTCTTCAACAATTATTTATTTAGAGCATCTACTACGTGCTGCTCAT  
 GTCCCTGGACACTTGAGCTCCCTGTTCTCATGAAAGCTTACATTTCTAGTGAGGGCTGACAAATAAAGAAG  
 GATTTTCAGAGACTTGT

>GBEQ0013 |Acc|AF538056|Ver|AF538056.2 GI:29570809|Equus caballus antimicrobial peptide  
 NK-lysin (NKL) mRNA, complete cds.

CGCGGATCCGAACACTGCGTTTGTGGCTTTGATGAAAAAATGGGGTGTGGAGGGCGCCTCAGCAGCTG  
 CCCCACCATGACCTCCCGGGCCCTCTTGCTCCTTGCCCTCGGCGCTCCTGGGCACCCAGGTCTGACCTTT  
 TCTGGTTTGAACCTGAGAGCTACGACCTGGCGACAGCCACCTGTCTGATGGAGAGCAGTTCTGCCAGG  
 GCCTGACTCAGGAGGACCTCCAGGGTGACCTGCTGACGGAAGAGAGCGGCAGGGCATCGCCTGTTGGTC  
 TTGTGCGGAAGATACTCCAGAAGCTGGAGGATTTGGTGGGAGAGCAGCCCAATGAGGCCACCATCAACGAG  
 GCTGCATCCCGGGTGTGCAGGAATTTGGGGCTCTGAGAGGCGCCTGCAAGAAGATCATGAGGACGTGTC  
 TTCGTCTCATCTCCAGGGACATCCTGGCTGGCAAAAAGCCCCAGGAAGTCTGCGTGGACATCAAGCTATG  
 CAAACATAAAGCAGGTCTCATCTGAGCCTCTGGGAACCTCTGGTCCCGCCTTGGGGAAGATGCATGGAAC  
 TCCAGCAACCTCCCCAGCTCCTCCCTCCCTGAGTCCGGAGTCTACCCTCCCGTCCCTCTCATCTAACCC  
 TTCCAGTGCCCTTCCCGTCTCAGGAGAATAAATTGTCTATGCAAGGTTAAAAA

>GBEQ0014 |Acc|AY229893|Ver|AY229893.1 GI:29423752|Equus caballus calbindin-D9k mRNA,  
 complete cds.

ATGAGCGTGAAAAAGTCTCCTGAAGAACTGAAGAAAATCTTTGAAAAATATGCAGCCAAAGAAGGTGATC  
 CAGACCAGCTGTGCAAGGAGGAGCTGAAGCTACTGATCCAGAATGAACTCCCGCTTTACTGAAAGGTTTC  
 AAGCTCCATTGATGACCTCTTCAAAGAACTGGACAAGAACGGAGATGGAGAAGTTAGTTTTGAAGAATTC  
 CAGGTGTTAGTGAAAAAGATATCCAGTGA

>GBEQ0015 |Acc|AF257470|Ver|AF257470.1 GI:7804968|Equus caballus calcitonin gene related  
 peptide II precursor, mRNA, complete cds.

CGCGGCCGCGTCGACCGGGTGGACAGGCCGCTCGCGCTCTCCTGCAACTCGGGTACCAGAGAGGCATCA  
 TGGGCTTCGGCAAGCCCTCCTCCTTCTGGCTTTCAGCATCTTGGTCTGTGCCAGGCAGGCAGCCTCCA  
 GGCGCAACCACTCAGGTCTCTTTGGAGAGCCTCCAGACCCGGCTGCACTCAGTGAGAAGGAAGGGCGC  
 CTCTGCTGGCTGCACTGTGGAAGGCATATGTGCAAGGAAGACCAATGAGCTGGAGCAGGAGCAGGAAC  
 AGGAGATGGAGGGCTCCAGCCTCACTGCCAGAAAGAGATCCTGCAACACTGCCACCTGTGTACCCATCG  
 GCTGGCAGGCCTGCTGAGCAGATCTGGAGGGGTGGTGAAGAGCAACTTTGTGCCACCGATGTGGGCTCT  
 GAAGCCTTCGGCCGTGCGCCGAGGGACCTTCAGGCCTGATCAGTGAATGACTCCAGGAAGAAGGTTACC  
 ATGAAGCTGAAGTCACTTCTATTAATTTCTGTTGACAACAGCTTGGTGAGAAGGCCCTAGGAAGATA  
 TATGTGTTTGCATCCTAATAGATATTGAAAAAGCACCTTTGTCCCTTGAAGGAATGAACTGAATGCA  
 AAATAAGCTAATTCATATCTGTTGTGCATCCTTTTACATTTGATTCATGTGCAGTAGATGTGATGGC  
 ATCTCTCATCAGCTTATCTGGTAGCAAACTGGTTCTTTGAGAGCCATCCTGTTGATCGCACCAGCTTGC  
 CAAACCTTAGGGGACAAGAAATCGCTGCTCTTGTGGCCTCTGGGGACACATGGTAACGGTGATGCTATG  
 CCTTGTGTCTAAGAACATGATTGTATAATTTGTTAAGGAAATGTCAATATTTGTGCCATTTGTGACCTT

CATCAAGATTAAAAACATATTTTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBEQ0016 |Acc|AF249307|Ver|AF249307.1 GI:8101033|Equus caballus calcitonin mRNA, complete cds.  
CGACGCCACAGATACTTCGAGAGTGCCTTTCCCTGACTTCGACGCTGCTGCTGCCACTGTCTCTGTTCCA  
GGCTACCTGCTAGTACTTGGCCGAAAGGCGTCATGGGCTTCTGGAGTTCTCCCCCTTCTGCCTCTCAG  
CATCTTGGTCTGTACCAGGTGGGCATCATCCAGGCAGCACCATTTCAGGTCTGCCTTGGAGAGCCTCCCA  
GATCCTGCTGTACTCCCTGAGGAGGAATCGCGACTCCTACTGGCTGCGCTGGTGAAGGACTATGTGCAGA  
TGAAGGTGAGGGCGCTGGAGCAGGAGCAGGAGCAGGGGGCGCCAGCCTGGACAGCCCCAGAGCTAAGCG  
GTGAGTAATCTGAGTACCTGTGTGCTGGGCACATACACGAGGACCTCAACAAGTTTCACACGTTCCCT  
CAGACTGCAATTGGGTCGAGACCTGGGAAGAAAAGGGTCATGGCCAGAGGCTTGGAGAGAGACCACG  
GCCCTCACATTGGCACGTCAGGATGCCCTACTAAGCCCCCTCCCTCTCCTTTCTAATTTCTTTCTTACT  
TCTTCTCTATAAGTTAATGCATGTGGTCTCTCTGCTTGTCTTCTGGGCTGGTATGAGTGGCTTTTTTTG  
TGGCAGTCGATGTCTGGAGCTCAGATGGGAGGAGAGAGAGCAGGACCTACAGACCAGAGAGAATCACC  
CAGGAAGAGATCAGAGAGAGAGAGAGGAGCCCTGTGAGTCCCTGAGAATTTTCATAGCAGAGCTTCTCACT  
CCAGCTTCTGAATGTGCTTGTGCTATTGGGGAATAAAAGTATATTTCCAAAAAAAAAAAAAAAAAAAAA  
>GBEQ0017 |Acc|AF257471|Ver|AF257471.1 GI:7804970|Equus caballus calcitonin gene related peptide I precursor, mRNA, complete cds.  
AAGTGCCACAGATACTTCGAGAGTGCCTTTCCCTGACTTCGACGCTGCTGCTGCCACTGTCTCTGTTCCA  
GGCTACCTGCTAGTACTTGGCCGAAAGGCGTCATGGGCTTCTGGAGTTCTCCCCCTTCTGCCTCTCAG  
CATCTTGGTCTGTACCAGGTGGGCATCATCCAGGCAGCACCATTTCAGGTCTGCCTTGGAGAGCCTCCCA  
GATCCTGCTGTACTCCCTGAGGAGGAATCGCGACTCCTACTGGCTGCGCTGGTGAAGGACTATGTGCAGA  
TGAAGGTGAGGGCGCTGGAGCAGGAGCAGGAGCAGGGGGCGCCAGCATCACTGCCAGAGAGATCCTG  
CAACACTGCCAGCTGCTTGACCCATCGGCTGGCAGGCTTGTGCTGAGCAGTGTGGGAGTATGGCGAACAGC  
AACTTGCTGCCCAGTGAATGGGCTTCAAAGTCTCTGGCCGTCGCGCAGGGACCTTCAGGCCTGAGCAG  
TGAAATGACTCCAGGAAGAAGATCACCATGAAGCTGAACCTACTTCTCTTACTTCATAGTGAAAGCAAC  
TTATTGGACAGGGAGCATGGAAGATACACCTATGCTTCTGAGCATTGAAATCACTCTTTTCTGT  
TTAAATAAACTAAAGCTAAATGCAGAATAAAATCATTTGCAAGTACCAAAAAAAAAAAAAAAAAAAAAA  
AA  
>GBEQ0018 |Acc|AJ312379|Ver|AJ312379.1 GI:18996192|Equus caballus partial mRNA for immunoglobulin gamma 3 heavy chain constant region (IGHG3 gene), exon 1-4.  
GCCTCCACCACCGCCCGAAGGTCTTCCCTCTGGCTCCAGCTGTGGGACCACATCTGACTCCACGGTGG  
CCCTGGGCTGCCTGGTCTCCAGCTACTTCCCAGAGCCAGTGACAGTGTCTTGGAACTCGGGCACGCTGAC  
CAGCGGTGTGCGCACCTTCCCGTCCGTCTGCAGTCTCGGGGCTCTACTCCCTCAGCAGCATGGTGACT  
GTGCTGCGCAGCAGTCTGGAGAGCAAGACCTACATCTGCAACGTAGCCACCCGGCCAGCAGCAACGAAG  
TGGACAAGAGAATCGAGCCGCTCCCAAGCCTACGACACCTGCACCTGACAGTGGCGTAACAACAC  
AGTTCCAGTTGAGACGACTACACCACTCTGCTCCCTGCGAGTGTCCCAATGCCAGCTCCTGAGCTGCTA  
GGAGGGCCTTCCGTGTTTCATCTTCCCCCAAAACCGAAGGACGTCTCATGATCACCCGAACGCTGAGG  
TCACCTGCCTGGTTGTGGACGTGAGCCATGACAGCTCCGATGTCTGTTACCTGGTATGTGGACGGCAC  
AGAGGTGAAGACTGCCAAGACAATGCCGAACGAGGAACAGAACACAGCACTTACCGCGTGGTCAGCGTC  
CTCCGCATCCAGCACCAGGACTGGCTGAACGGAAAGAAGTTCAAGTGTAAGGTCAACAACCAAGCCCTCC  
CAGCCCTGTAGAGAGGACATCTCCAGGCCACAGGGCAACCCGGGTGCCGAGGTGTATGTCTTGGC  
CCCCACCCAGATGAGCTGTCCAAGAACAAGGTGACGCTGACCTGCCTGGTCAAGGACTTCTTACCAACC  
GACATCACCGTCGAGTGGCAGAGCAATGAGCATCCAGAGCCAGAGGGCAAGTACAGAACCACTGAAGCCC  
AGAAGGACAGCGAGGGTCTTCTTCTGTACAGCAAGCTCACTGTGGAGACGGACAGGTGGCAGCAGGG  
AACGACATTCACGTGTGTGGTGTGATGCATGAGGCTCTCCACAATCACGTCATGCAGAAGAAGCTCTCCAC  
TCTCCGGGTAAATGA  
>GBEQ0019 |Acc|AJ300675|Ver|AJ300675.1 GI:15020815|Equus caballus partial mRNA for immunoglobulin gamma 1 heavy chain constant region (IGHC1 gene).  
GCCTCCACCACCGCCCGAAGGTCTTCCGCTGGCCCCCGCTGTGGGACCACATCTGACTCCACGGTGG  
CCCTGGGCTGCTTGTCTCCGATACTTCCCCGAGCCAGTGAAGGTGTCTTGGAACTCGGGCTCCCTGAC  
CAGTGGCGTGCACCTTCCCTTCCGTCTGAGTCTCAGGCTTCTACTCCCTCAGCAGCATGGTGACC  
GTGCTGCCAGCACCTGGACAGCGAGACCTACATCTGCAACGTAGTCCACGCGGCCAGCAACTTCAAGG  
TGGACAAGAGAAATCGAGCCCATTCGCCACAACCAAAAGTGTGCGACATGAGCAAGTGTCCCAATG  
CCAGCTCCTGAGCTCCTGGGAGGCTTCCGCTCTTCTTCTTCCCCCGAATCCCAAGGACACCCTCATG  
ATCACCCGAACACCCGAGTACCTGCGTGGTGGAGCTGAGCAGGAGGAACCCCTGATGTCAAGTTCA  
ACTGGTACATGGACGGGTGGAGGTGCGCACAGCCACGACGAGGCCGAAGGAGGAGCAGTTCAACAGCAC  
TTACCGCGTGGTCAGCGTCTCCGCATCCAGCACCAGGACTGGCTGTGAGGAAAGGAGTTCAAGTGTAAG

GTCAACAACCAAGCCCTCCCACAACCCATCGAGAGGACCATCACCAAGACCAAAGGGCGGTCCCAGGAGC  
CGCAAGTGTACGTCTTGGCCCCACCCAGACGAGCTGTCCAAGAGCAAGGTCAGCGTGACCTGCCCTGGT  
CAAGGACTTCTACCCACCTGAAATCAACATCGAGTGGCAGAGTAATGGGCAGCCAGAGCTGGAGACCAAG  
TACAGCACCACCAAGCCAGCAGGACAGCGACGGGTCTACTTCTGTACAGCAAGCTCTCCGTGGACA  
GGAACAGGTGGCAGCAGGGCACGACATTACGTGTGGGTGATGCACGAGGCTCTCCACAATCACTACAC  
ACAGAAGAAGCTCTCCAAGAACCCGGGTAAATGA  
>GBEQ0020 |Acc|AB088683|Ver|AB088683.1 GI:28557062|Equus caballus PFKM mRNA for muscle-  
type phosphofructokinase, complete cds.  
ATGACCCATGAAGAGCACCATGCAGCCAAAACCCCTGGGGATCGGCAAAGCCATCGCCGTGTTAACCTCTG  
GTGGAGATGCCCAAGGTATGAATGCTGCTGTGAGGGCTGTGGTTCGAGTTGGTATCTTCACTGGTGCCCG  
TGTCTTCTTTGTCCATGAGGGTTATCAAGGCCTGGTGGATGGTGGAGACCACATCAGGGAGGCCACCTGG  
GAGAGCGTTTCGATGATGCTTCAGCTGGGTGGCACAGTGATTGGAAGTGCCCGGTGCAAGGACTTTCCGGG  
AACGAGAGGGACGACTCCGAGCTGCCACAACTGGTGAAGCTTTGGGATTACCAACCTGTGTGTATGCG  
GGGCGATGGTAGCCTCACTGGGGCTGACACCTTCCGTTCTGAGTGGAGTGACTTGTGAGTGACCTCCAG  
AAAGCGGTGAAGATCACAGCTGAGGAGGCTACGAAGTCCAACCTACCTGAACATCGTGGGCCTGGTTGGCT  
CAATTGACAAATGACTTTTGGCGCACTGATATGACCATTGGCACTGACTCTGCCCTGCACCGGATCATAGA  
GATTGTAGAGCCATCACTACTACTGCTCAGAGCCACCAGAGGACGTTTCGTGTAGAGGTGATGGGCCCG  
CACTGTGGATACCTGGCCCTTGTACCTCTCTCTCTGTGGGGCCGACTGGGTTTTATTCTGTAATGTC  
CAGGATGATGACTGGGAGGATCATCTTTGTCTGCTCGGCTCAGTGAGACAAGGACCCGTGGTTCTCGTCT  
CAACATCATCATTGTGGCTGAGGGTGCAGATTGACAGGAATGGGAAACCAATCACCTCAGAATCCATCAAG  
GATCTGGTGGTAAAGCGTCTGGGATATGACACCCGGGTCAACGCTCTTGGGGCATGTGCAGCGAGGTGGGA  
CCCCGTCAGCCTTTGACCGGATCCTGGGCAGCAGGATGGGTGTGGAAGCAGTGATGGCACTTTTGGAGGC  
GACCCAGACACCCAGCCTGCGTGGTGAGCCTCTCTGTTAATCAGGCTGTGCGGCTGCCCTCATGGAG  
TGTGTCCAGGTGACCAAGATGTGACCAAGGCCATGGCTGAGAGGAAATTTGATGAGGCCATGAAGCTGA  
GAGGCCGGAGCTTCATGAACAACCTGGGAGGTATACAAGCTTCTGGCTCACATCAGACCCCAAGTTTCTAA  
GAGTGGCTCACACACAGTGGCCGTGATGAATGTGGGGGCCCGGCTGCAGGCATGAATGCTGCCGTCCGC  
TCCAGTGTGAGAATTGGCCCTCATCCAGGGCAACAGAGTGTGCTGTTGTGTCACGATGGCTTCGAGGGCCTGG  
CCAAGGGCAGAAATTGAGGAAGCTGGCTGGAGCTACGTTGGCGGCTGGACTGGCCAAGGGGGTTCTAACT  
TGGGACTAAAGGAGCGCTACCCAGGAAGAGCTTCGAGCAGATCAGTGCCAACATCACTAAGTTCAACATT  
CAAGGCCTGATCATCGTTGGGGGCTTCGAGGCTTACACAGGGGGCCTGGAGCTGATGGAGGGCAGGAAGC  
AGTACGACGAGCTCTGACATCCCGTTGTGCTCATCCCTGCCACGGTCTCCAACAACGTCCTCCCTCATGGAG  
CTTCAGCGTGGGGGCTGACACCGCACTCAATACTATCTGCATGACCTGTGACCGCATCAAGCAGTCAGCA  
GCAGGTACCAAGCGTCGAGTGTTTATCATTGAAACCATGGGTGGCTACTGTGGCTACCTGGCTACCATGG  
CAGGACTGGCAGCTGGAGCCGATGCGGCCCTACATTTTCGAGGAGCCATTACCAATTCGAGACCTGCAGGT  
GAATGTTGAAGATCTGGTGCAAAAGATGAAAACAACCTGTGAAAAGGGGCTTGGTGTAAAGGAATGAGAAG  
TGCAATGAGAACTATAGCACTGACTTCATTTTCAACCTGTACTCTGAGGAGGGGAAGGGCATCTTCGACA  
GCAGGAAGAATGTGCTTGGCCACATGCAGCAGGGTGGGAGCCCAACTCCATTTGATAGGAATTTTGGCAC  
TAAGATGGGTGCCAAGGCTATGAACTGGATGTCTGGGAAAATCAAAGAGAGTTACCGTAATGGGCGGATC  
TTTGCCAATACCCAGACTCAGGCTGTGTTCTGGGGATGCGTAAGAGGGGCCCTGGTCTTTCAACCAAGTGA  
CTGAGCTGAAGGAACAGACGGATTTGAGCACCCGATCCCCAAGGAACAGTGGTGGCTGAAGCTGAGGCC  
CATCCTCAAGATCCTAGCCAAGTATGAGATTGACCTGGATACATCAGAGCACGCCACCTGGAGCACATC  
AGTCGGAAGCGGTCTGGAGAAGCTCCTGCCTAACCTCTGGAGTGAGAGGAACGGATTGT  
>GBEQ0021 |Acc|AJ012610|Ver|AJ012610.1 GI:4469170|Equus caballus mRNA for aromatase.  
AAAGCCACCCGGTTCCTAACAGCCGTGCATCATTAGCAAACTCATCATCTTCAAGAGTCCGGAACTAG  
AAGTGACCAGCAGACTCAGGCCTTTACATTGCTTCGCCTGAGATCAAGGAGCACAGATGATTTTGGAAA  
TGCTAAACCCGATGCATTATAACCTCACAGCATGGTGCCCGAAGTCATGCCCTGTGCGCCACCTTGCCCAT  
TCTGCTGCTCACTGGCTTTCTTTCTTTGTTTGAATCATGAAGAAACATCCTCAATAACAGGCCCTTGGC  
TATTGCATGGGAATCGGGCCCTCATTTCCACCTCCGGTTCCTGTGGATGGGGCTTGGCAGTGCCTGCA  
ACTACTACAACAGATGTATGGAGAATTCGTGAGAGTCTGGATCAGTGGAGAGGAAACGCTCGTTATTAG  
CAAGTCTCTCAAGTACCTTCCACATCATGAAACACGATCACTACTCTCCCGATTGGCAGCACATTTGGG  
TTGCAGTATATGGGCATGATGAGAATGGCGTCATATTTAACAATAACCCAGCCGCTCTGGAAAGCTTTGC  
GACCTTTCTTTGTAAAAGCTTTGTCTGGCCCCAGCCTTGC CGCATGGTGACAGTTTGTGTTGAATCCGT  
CAACAACCATCTGGACAGGTTGGACGAGGTCAACAATGCGTTGGGCCATGTCAACGTGTTGACCTCATG  
CGACGTACCATGCTGGACGCTTCCAACACCTCTCTCTGAGGATCCCTTGGACGAGAAAAACATCGTGC  
TTAAATCCAGGGTTATTTTGTATGCAATGGCAGGCTCTCTTATCAAACCAAACATCTCTTTAAGATTTT  
TTGGCTATCCAGAAAGCATCAAAGTCCATCAAAGAATTGAGAGATGCCGTGGGAATTTCTAGCAGAAGAA  
AAAAGACACAGGATTTTTCACAGCAGAGAACTGGAAGACCATGTGGATTTTGCCTGATCTAATTTTGG



CTGAGAAACGTGGTGAGCTGACCAAAGAGAATGTGAACCAAGTGCATATTGGAAATGATGATTGCAGCGCC  
AGACACCTTGTCTGTCACTGTGTCTTCTCATGTCTCATTTGCGCAGCACCCCTAAAGTTGAAGAGGCA  
CTCATGAAGGAAATCCAGACTGTTCTTGGTGAAAGAGACTTAAAGAATGATGATATGCAAAAATTTAAAG  
TGATGGAAAATTTTATTAATGAGAGCATGCGGTACCAGCCTGTCTGGACATTGTCATGCGCAAAGCCTT  
AGAGGATGATGTCATCGATGGCTATCCAGTGAAAAGGGGACTAACATTATTTCTGAATATTGGAAGAATG  
CATAAAGCTCGAGTTTTTCCCAAGCCTAATGAATTTACTCTTGAAAACCTTTGAGAAGAATGTTCTTTACA  
GGTATTTTTCAGCCATTTGGTTTTTGGGCCCCGTAGCTGCGCTGGAAAAGTTTCATCGCCATGGTGATGATGAA  
GGTGATGCTGGTTTCACTTCTGAGACGATTCCATGTGAAGACATTACAAGGAACTGTCTTGAAAATATG  
CAGAAAACAAATGACTTGGCCCTCCACCCGGATGAGCTAGAAGCTTACCGGCAATGATTTTTTACTCCAA  
GAAATTCAGAAAAGTGCTCGAACACTAAAAAGTTTGGTCAGTACCTATTCCAGAGCATTCTCATCAG  
TTATTCATAAGGAAACCATCCATCTTTGCCAGGTAGTGTCTCATCTCATAGTAAACATTTCGGTGGCCCTGTG  
GCATTTTATAGGCATGCATCCTATGGGTTGTATGCAAGCCAGGAAACATTGGTCATCTGATCTTGTCCAA  
ACCAGAGAACCAAACTGCAAGAGAAAATGCAGAGGCCAAGAGTTTGTGGGGGAAATGGTCAGTGAAGAGA  
ATGCAGCCCTTAAAGGCCCATTCACAAAATGTCTTTGGCAAAGATAGGCCATCAGCAAAATTTATGTC  
CCATTTGCCACAGGATGTTCACTGCTCTGCCCCGAGAGCATTTTTATGTCTGGGGCAGAAACACTTCTAA  
AGAGTGCTCCCTCCATCCCATTTGCCATCTTCTTGCATTTTCCCCCTCTCTTCTTCCATGACACCA  
AAAGCCAAGTTGATTAGAAAGACCAGGCCGATATCTGGGTACCTAGAGCCAAACAAACATGTTAGTGTCA  
ATAAAGGTGCTTTGATTTGGTTTTTGGTGGGGTTGGCCACTGCAACATTCTAGTCTTTGGAGAAATGCT  
TACAGATTTCAGCATTCGACTTTTCTGTGAATTATAATCCATTAACCTCTTGTATTATGTGATTTGTCT  
GTGGCAAAAGTAACTGGAGACTATCCTTTCCAGTCTCTCAGTTTCATGCCTCAGCCACTTACCTCTGAT  
TCAGGCATGATTTCAGATAATCAAGGTAACCTTAGCAATAGCTTGAGTAAATAGAGTTAGGCCACATGTCT  
GCTGTAGGAAAAAAGTCAACAAATGCATTTCAAATCAAATGAAAATTCGTAGGGGGGAGGGGGATGGG  
AGGGGGGGAGGGGTACAGGGGCACACATGCATGGTGACGGATGGAAACTAGACTTTTATGTGGTGAACCGC  
ATGTAGTAGTCTATACAGAAGGCAAAATATAATGATGTACACCTGAAATTTACACAATCTTATGAACCAA  
TGTTACCTAAATAAATAAAGTGATTTAATAAAAAAAAAAAAAAAAAAAAAA  
>GBEQ0022 |Acc|AY184957|Ver|AY184957.1 GI:28300295|Equus caballus retinoblastoma binding  
protein 6 mRNA, complete cds.  
GCATTATAAGGTTTCTTCTAACTCAACTTATGATACCGTCACCTTTGATGGGCTCCACATCTCCCTCT  
GCGACTTAAGAAGCAGATTATGGGAGAGAGAAGCTGAAAGCTGCCGACTTGCGACCTGCAGATCACCAC  
GGCGCAGACGAAAGAAGAATATCTGATGATAATGCTCTCATTCTAAGAATTCGTCTGTAATTGTTAGA  
AGAATTCCTATTGGAGGTGTCAAATCTACAAGCAAGCATATGTTATAAGTCGAACCTGAACCACTGATGG  
GAATTCAAAAGCAATTGATGACTCTTCTGCGTCTATTCTCTGGCCAGCTTACAAAGACTGCCAATCT  
GGCTGAAGCCAATGCTTCTGAAGAAGATAAAATTAAGCAATGATGTGCAATCTGGCCATGAATACGAC  
CCAATCAATTACATGAAGAAACCTCTAGGTCACCGCTCCATCTTATACCTGTTTTCTGTTGTGGTAAAC  
CTGGCCATTATATTAAGAATTGCCCAACAAATGGGGGATAAGAATTTTGAATCTGGTCTAGAAATTA  
GAGCACTGGAATTCCAGAAAGTTTATGATGGAAGTGAAGATCCTAACATGAAAGGTGCAATGCTTACC  
AACACTGGAAAATACGCAATACCAACTATAGATGCAGAAGCATATGCAATTGGGAAGAAAGAAAAACCA  
CTTTCTTACCAGAGGAACCATCGTCTCTTCAAGAAGATGATCCTATCCAGATGAATTGTTGTGCCT  
CATCTGCAAGATATTATGACTGATGCCGTTGTCATTCCCTGCTGTGGAAACAGTTATTGTGATGAATGT  
ATAAGAACAGCACTCTTGAATCAGATGAACATACATGTCCAACATGTCATCAAATGATGTCTCTCTG  
ATGCTTTAATCGCCAATAAATTTCTTGCACAGGTAGCTATCTTTGTATCCCTTTTATGGAAAAAGTCCT  
TGTGATCTTTTAAATTGATTAACTGTACTTCTGTAAATAAATACTATATTACAAAAA  
AAAAAAAAAAAAA  
>GBEQ0023 |Acc|AY184956|Ver|AY184956.1 GI:28300293|Equus caballus interleukin 8 (IL8)  
mRNA, complete cds.  
ACGCGGGGACACAAGTCCCCAGGGACAGCAGAGACACAAGTGTCTACGACAAGAGCCAGTAAGAGAGCAC  
CAGAAAGCAGCATCTCGTCTGAACATGACTTCCAGCTGGCTGTGGCTCTCTTGGCCGTCTTCTGCTT  
TCTGCAGCTCTGTGTGAAGCTGCGGTTGTATCAAGAATTACTGCAGAGCTTCGGTGCCAGTGCATCAAGA  
CGCACTCCAAACCTTTCAATCCCAAACTGATCAAGAAATGAGAGCGATTGAGAGTGGGCCACACTGCGA  
AAACTCAGAAATCATTGTAAGCTCGTCAACGGAGCTGAGGTCTGCCTGAACCCCATACAAAGTGGGTG  
CAGATTATTGTGACAGGCGTTTTTGAAGAGAGCTGAGGGGCAAAATCCATGAAGGAAAAAAGCACCAAA  
CAACGCGTTCTCCATGGTTTTCAAGAATTCCTCAGTAAAGATGCCAATGAACTTCAAGCAAATCTACTT  
CAGTTCTTCATATCCTATGTGGATCTGGTGTAGGGTTGTGAGATAAAATACAGGATGCCAGTTAGATTT  
GAATTTTCAGTAAAAATGAATAGCTTTTTTCAATGTCACGACGAGTATCTAGGACGCAATTTATATTTAAA  
AAAAAGAAATTAATTCATGTTTACAGTAAATTCAGTAAATTTAGCTGGAAATCCTGTATTTTGTGTTGCT  
AAATCTTGCAACCTAGTCTGCTGCCAGGATCCATGAGTCCCTGTTCAACTAAGCCTTGGTTTTCTTCTT  
TAATCCTAACTGGAGAAAAGCATCAGCCACTGTCTCCCTCACAGAGAGCTGAGGACTGGTGGAGCAC



ATTAACCTATTTTTCATGATCATGTAAATTATTTTCCAGTGTAACCTATTTATTTATTTATATA  
TTTATTTATCCATCAAATATAGTAATTATTTTTCATGAATTTGGAAAAGTGGGAAAGGAAGCACGGTTG  
ATAGGATAATGTAATGATGTTAGAGTGAATTTATTTTATTTTAAATATTAATTTATGTTATATTACAGA  
AATTTTGATTTGCAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBEQ0024 |Acc|D14523|Ver|D14523.1 GI:406208|Equus caballus mRNA for ferritin light chain, complete cds.

ATGAGCTCCAGATTTCGTCAAGTATTTCTACTGAAGTGGAGGCCGCCGTCAACCGCTGGTCAACCTGT  
ACCTGCGGGCTCCTACACCTACCTCTCTCTGGGCTTCTATTTTCGACCGCGACGATGTGGCTCTGGAGGG  
CGTATGCCACTTCTTCCGCGAGTTGGCGGAGGAGAAGCGCGAGGGTGCCGAGCGTCTCTTGAAGATGCAA  
AACCAGCGCGGGCGGCCGCGCTCTCTTCCAGGACTTGCAGAAGCCGTCCAGGATGAATGGGGTACAACCC  
CAGACGCCATGAAAGCCGCAATTGCTCTGGAGAGAGCCTGAACCAGGCCCTTTTGGATCTGCATGCCCT  
GGGTCTTGGCCAGGCAGACCCCATCTCTGTGACTTCTTGGAGAGCCACTTCTAGACGAGGAGGTGAAA  
CTCATCAAGAAGATGGGCGACCATCTGACCAACATCCAGAGGCTCGTTGGCTCCCAAGCTGGGCTGGGCG  
AGTATCTCTTTGAAAGGCTCACTCTCAAGCACGACTAA

>GBEQ0025 |Acc|AB100030|Ver|AB100030.1 GI:27807633|Equus caballus EPO mRNA for erythropoietin, complete cds.

TATCGAGGCGTGGAGATGGGGGTGCGCGAATGTCTGCCCTGCTGCTTCTGCTGTCCCTGCTACTGCCTC  
CTCTGGGCTCCTCAGCCCTGGGCGCCCTCCACGCCTCATCTGTGACAGCCGAGTCTGGAGAGGTACAT  
CCTGGAGGCCAGGAGGCCGAAAATGTACGATGGGCTGTGCCGAAGGCTGCAGCTTTGGTGAGAAATGTC  
ACCGTTCCAGACACCAAGGTTAACTTCTACTCTTGAAGAGGATGGAGGTGGAGCAGCAGGCTGTGGAAG  
TCTGGCAGGGCTTGGCCCTGCTCTCAGAAGCCATCTGTCAGGGCCAGGCCCTGTTGGCCAACCTCCTCCA  
GCCATCTGAGACCTTGGCGCTGCATGTGGACAAAGCCGTGACAGCCTGCGCAGCCTCACCTCCCTGCTT  
CGGGCGCTGGGAGCCAGAGGAAGCCATCTCCCTCCAGATGCAGCCTTGCTGCTCCACTCCGAACAT  
TCGCTGTTGATACTTTGTGCAAACTCTTCCGAATCTACTCCAATTTCTGCGGGGAAAGCTGAAGCTGTA  
CACAGGGGAGGCTGACAGGAGAGGGGACAGGTGACAGGTGCTTGACCCCTGGGCACGTCCACACCTCG  
CTCACCACTGCTGTGCCACGCTTCCACGCCACCACTCCTGACCCCTGTTGAGGGGCTATCAGCTC  
AGCGCCAGCCTATCCCTTGGACACTCCAGGGCCAGCGGTGACATCGCAGGGGCCAGAGGAAGTGTCCAGA  
GCTCAACCCAGATCCAAGGATGTACAGGGCCAGCCTGAGGCCCCGAAGCAGGAGGAATTCAAAGTTGAT  
CAGCTTAAACACGGGGATAGCGCCGTGCTGGGAGAGCCCTAACTCATCTCGGTGCCCTGCGGAAGTGT  
GATGCCAGGACAAGCTGGAGGGCAAATATCTCTTCTGCCCTACCAAGGAGGGGAGGATGGACTGGAG  
AATTTGGGCGGCAAGCCATGAATTCTCCAGGTCTCATGGGACTCCCATGACAGCAAGAGCCCACTGGAC  
AATGAGGGTGGTGGGAGCCGTGAAGGTGGGATGGGGGCTGGCCCTTGGCTCTCACGGGGTCTAGTTTTT  
GTATTTTCAATCTCATTGGCAAGAACTGAAACCACAACATGGCTGTTGGCGGTTCTGTGA

>GBEQ0026 |Acc|AB079136|Ver|AB079136.1 GI:27544234|Equus caballus EDN2 mRNA for preproendothelin-2, complete cds.

GGAGCTATCAGCTCGGCTTGGCAGCAGGACGCTGGCAACAGGCGCGCTCCCTGCCTCCCTGCTCCAGGCC  
AGCCCGTGCCTCCACCGCTGCTATGGTCGCCATGCCCCCGGCTGGTGTCCGTTGCTCTAGCCCTGCT  
CGTGGCCCTACATGAAGGCGAGGGCCAGGCCACTGCCACCCAGAGCAGCCAGTGCCCTCGCCCCGTGCC  
CAAGCTCCCACTGCGACCTCGGCGTTGCTCCTGCAGCTCCTGGCTGGACAAGGAATGCGTCTACTTCT  
GCCACCTGGACATCATCTGGGTGAACACTCCCGGACAGACAGCTCCTTACGGCTGGGAAACCCGCCAAG  
ACGTGCGGCGCGCTCCCTGCCAAGGCGCTGTGAATGTTCCAGCGCCAGGGACCCCGCTGTGCCACCTTC  
TGCCATCGAAGGCCTTGGGCTGACGCTGTGGCGGTCCAGGCAGTGACTCCCCTGAAGACAGCTTCCAGG  
CTGGCAAGACATGGACCACTGCAGGAGAGCTCCTCCAGCAGTGAGGGGCATTTCTGCAGCCAACATCCG  
CTTTGCTAGGAGACAGCAGGAGGCAATTAGAGCGCCAGGCCTACACCTCCAGGCGGAGGAGAGATAG  
CGCCGGGAGCTGGAGGAACCGGCGAAGGAAGCCTGCGTGGACAGGGGAGGAGACTGGCGGCCAGGGCT  
GGGAGACCTCCACCTGTTTTCTCGGCCAGGAAACCCAGCTGCTGGGATTGGCACAAGCGCCGGCCCTCCT  
CGCCCGGGCCCAAGCTTCCCTCGAGGACAGCCCGGCCCTCACACTGCCAGGAAAGCCTTCAGCCC  
CCAGGCTGTGGACGGCCCCACGCTGGCCCGGGCCCCGAGCCCTGCTGGAAGGAAGTGGCTGGGGGCTG  
CAGTAGCCTGGAGGCCACGTCTCAGAGGCGTCTGTCTGGTGGCTGCAAGCCAGGAGGATGAAGTGTG  
GTGGCAACTCACACCTAAGCCAGGCTGGAGACCGGACAGGGCGGCCCAAGGGCCGGCGTCTGGCTGGT  
CCCATCTGTCCCTTCTGGCTCTCCCTCCAGAGTCTTGTCTCCCTCATACCTGGGACGCTCCCGGTG  
AGGAGGGCTGGTCTGCTTTACCTGTCTGTATATAACTTATTTGCTCTGGGAAATTTGAGAAATTTCAAT  
ATTTATTTTAAATGTATTTTTTTAGACTCTCAATTATTTACCTGCAACCTGTGTTTGTAAATAACAATGA  
AATGGC

>GBEQ0027 |Acc|AY177142|Ver|AY177142.1 GI:27543372|Equus caballus smoothened (SMO) mRNA, partial cds.

GCTTCCGGGACTATGTGCTATGCCAGGCCAATGTGACCATCGGGCTGCCACCAAGAAGCCCATCCCTGA

459

mRNA, complete cds.

CAGCCCCAGCCAAAGACTTTCTCCGATTCTGCGCTTCCTGGGTTCTGCAGAGTCTTCACCGGGCTTTTT  
TTGATACGAAAAAGAGAAGAGACTTTCCGGTATCCGGGGAGGGGGGACTGGAGCAAAGAAAAAATAAAC  
AGTTAATTTATTTTTAAAGCATACATTTTTCTTTTGAGAATTAGAAGACTGCTGTGCAACGGAAATATTA  
AAAAGAACAGCAGTGAAATTTCTTTGAAAGTGGGGGAGAACCACAAATTTAAGACTCCCCACCCCTTTT  
TTAAATGTTGTTTTAAATTTTTATTTTTTTTTGGCCGTCGTCTCAAATTCATCTGATCTCTTAATTAC  
CTCAATTTTTGGAAACTGCCGCCACCGACCTCCGGGACCACACAGACAGGCTGAGGACAACTTTATGA  
CCAAGAGCTGAACAAGATGCATTGTGAGAGGTTTATATGTATCCTGAGAATAATTGGAACACACATTTTT  
GGAGTCTCTCTCTACTTGGAAATCACAGCTGCTTATATTGTTGGCTACCAATTTATCCAAACAGATAATT  
ACTATTTCTCTTTGGACTATATGGTGCCTTTTTAGCATCACACCTCATCATCAAAGCCTGTTTGCCTT  
TTTGGAGCATCGAAAAATGAAAAATCCCTAGAAACCCCCATTAAAGTTGAACAAAACCTGTTGCTCTTTGC  
ATCGCTGCGTATCAAGAAGATCCAGACTACTTACGGAATGCTTGCAATCTGTGAAAAGGCTAACCTACC  
CTGGGATTTAAAGTTGTCTATGGTCATAGATGGGAACCTCAGAAGATGATCTTTACATGATGGACATCTTCAG  
TGAAGTCATGGGCAGGGACAAATCAGCCACTTACATCTGGAAGAACAACCTCCACGAGAAGGGTCTGGT  
GAGACGGATGAGTCACATAAAGAAAGCTCTCAACATGTTACCCAATTGGTCTTGTCCAACAAAAGTATTT  
GCATCATGCAAAAATGGGGTGAAAAAGAGAAGTCATGTACACGGCCTTCAGAGCACTGGGACGAAGTGT  
GGATTATGTGCAGGTTTGTGATTTCAGATACCATGCTTGACCCTGCCTCGTCTGTGGAGATGGTAAAGTT  
TTAGAAGAAGACCCCATGGTTGGAGGTGTGCGGAGGAGATGTCCAGATTTTAAACAAGTACGATTCTTGG  
TCTCCTTCTCAGCAGTGTGAGATACTGGATGGCTTTTAAACATAGAAAGAGCCTGTGATCTTATTTTGG  
GTGCGTCCAGTGCATTAGTGGACCCCTGGGAATGTACAGAAACTCCTTGCTGCATGAATTCGTAGAAGAC  
TGGTACAATCAGGAATTTATGGGCAGCCAATGTAGTTTGGCGATGACCGGCATCTAACGAACCGAGTGC  
TGAGTCTGGGTTATGCAACAAATACACAGCTCGATCCAAGTGCCTTACTGAAACACCTATAGAAATATCT  
CAGATGGTTAAACCAGCAGACCCGTTGGAGCAAGTCTACTTCCGAGAGTGGCTGTACAATGCGATGTGG  
TTTCATAAACATCAATTTGTTGATGACCTACGAAGCGGTTATCACTGGATTCTTCCCTTTCTTCTATTG  
CCACAGTAATCCAGCTCTTCTACCGGGGTAAAATTTGGAATATCCTCCTCTTCTTGTAAACAGTCCAGTT  
AGTAGGTCTCATAAAGTCTTCTTTGCCAGCTGCCCTTAGAGGAAACATCGTCATGGTCTTCATGTCCCTC  
TACTCAGTGTATACATGTCAAGTTTACTGCCCGCCAAAATGTTTGTCTATTGCCACGATAAACAAAGCTG  
GGTGGGGCACATCTGGAAGGAAAACCATTTGTTGTTAATTTTCATAGGACTCATTCCAGTATCAGTGTGGTT  
TACAATCCTCCTGGGTGGAGTCATTTTACCATTATATATGGAATCTAAAAAGCCATTCTCAGAAATCCAAA  
CAGACAGTCTAATCGTTGGAAACGTTGCTCTATGCATGCTATTGGGTCATGCTTTTGACGCTGTACGTGG  
TTCTCATCAACAAATGTGGCAGGCGGAAGAAGGGACAACAGTATGACATGGTGTCTGATGTATGACCTTA  
CATTGTTTGGACGTTTGCAGTCACACACACAGACACACACAAAACCTTAGTTCTCTAGGGACTGTACAGC  
GTGGGGCATCAGACAATGCCACCAACGGAGACATATCACTGCTGCTGGGACTTGAACAAAGACATTTCTA  
TGGGTTTATTTTGAATCTGCCAAAGTAAAATCATACATCAACAAGAAGAACTCAGATTGAACCTGTTAT  
TTCTATGAAAATGGGAAGAAATTTTGTGTTATGCACTTTTCTCTTACTGTACATCGCCTGTTTTTCTAT  
ATACCTCATCGCCTTTATGTGGGTTATCTGAGGAAAGAAAGGATTTTGGAAACTCAAGGAACAAAGTT  
CTTTCAATGTATACAACCTAATCTATGGACTGTGTTGATAGCTAATTTTTTTTAGAAAGGATTTTCTGTT  
TAACTTTACCAATGAAATGCCAAAGGAAATTTTAAAGGCCATTGGCTGTGCTGTATTTTTATATAATTG  
TACTGTGTTTTAAATTTTGTATGCCAATTTTTTAAACAAATTTTGCATATTTCTATATTTTACTTCTCTG  
CCAAATACACCTGTTCTTCTTTTTTAAAAAATAATAAGGTTCTGAAAAAATTCATACCTTAAAAA  
AAAGAAAACCTACCCAAATGTGAAGCTTGGTTGACTGATGTTGCTCATAATAGAAAAAATAAAAAA  
AA

>GBEQ0031 |Acc|AF508309|Ver|AF508309.1 GI:21070333|Equus caballus ribosomal protein L7a mRNA, partial cds.

AGGCCCAAGAACTTCGGCATCGGACAGGACATCCAGCCCAAACGGGACCTCACCCGCTTCGTCAAATGGC  
CCCGCTACATCCGGCTGCAGCGACAGAGGGCGATCCTCTATAAGCGGCTCAAGGTGCCTCCCGCATCAA  
CCAGTTACCCAGGCCCTGGACCGCCAGACAGCTACTCAGCTGCTCAAGCTGGCCACAAGTACAGGCCA  
GAGACAAGACAAGAGAAGACAGAGGCTGCTGGCCGGCTGAGAAGAAGGCTGCTGGCAAAGGGGATG  
TCCCCACTAAGAGGCCACCGGTCCTTCGAGCAGGGGTCAATACTGTCAACACCTTGGTGGAGAACAGAA  
GGCTCAGCTGGTAGTGATCGCGCACGACGTGGATCCCATCGAGCTGGTCTTCTCCTCCCTGCCCTGTGT  
CGGAAGATGGGGGTGCCCTACTGCATCATCAAGGGCAAGGCGGGCTGGGGCGTCTGGTCCACAGGAAGA  
CGTGCAACACCGTCGCTTACACCAAGTCAACTCGGAAGACAAAGAGCTCTGGCCAAGCTGGTGGAGC  
TATCAGGACCAACTACAACGACAGATACGACGAGATCCGCCGTCACCTGGGGAGGCAACGCTCTGGGTCCA  
AAATCGGTGGCTCGCATCGCAAGCTAGAGAAGGCAAGGCTAAAGAACTGGCCACCAAGCTGGGCTGAG  
CTGAGCGCATGCAGTTGAGTTTCTGTACATAAGTAATAAACTCTTCTTCAAAAAAATAAAAAA  
AAA

>GBEQ0032 |Acc|AY082802|Ver|AY082802.1 GI:24110902|Equus caballus laminin 5 gamma 2

subunit mRNA, complete cds.

TGGGTCTCTTATTACAGGTGAGTCACACCCTGAAACACAGGCTCTCTTCTGTGAGGGACTGAGTCA  
GGTAGAAGAGTCGATAAAACCACCTGATCAAGGAAAAGGAAGGCACAGCGGAGCGCAGAGTGAAGAACTC  
CCAGCGGCGAGGCGCGCGGCAGCGACCCCTGCAGCGGCGGACCGCGCGCCGGCCTGGCCATGCCTGCGCT  
CTGGCTGCGCTGCGGCCTGTGCCTGGCGCTGCTGCTGCCCTGCGGCCCCGGGCTCTCCGGGAGCCAAGTG  
TGTGATTGCAATGGGAAGTCCAGGCAATGCATCTTTGACCAGGAACCTTCAAAACAGACAGGAAATGGAT  
TCCGCTGCCTCAACTGCAATGACAACACTGATGGCATCCACTGCGAGAGGTGCAAGGCAGGATTTTACCG  
ACAGAGAGAAAGGGACCGCTGTTTACCCTGCAATTGTAACCTTAAAGGTTCTCTTAGCGCTCGATGTGAC  
AACTCTGGACGGTGCAGCTGTAAGCCAGGTGTGACAGGAGACAGGTGTGACCGATGTCTGCCCCGCTTCC  
ACACACTCACTGATGCTGGGTGCGCCCAAGACCAAAGGCTGCTAGACTCCAAGTGTGACTGTGACCCAGC  
TGGCATCTCAGGGCCCTGTGACTCAGGCGCTGTGTCTGCAAGCCGGCTGTCACTGGAGAGCGCTGTGAT  
AGGTGTGACACAGGTTACTATCACCTGGATGGGGGAAACCCCTCAGGGCTGTACCCAGTGTTTTGTCTATG  
GGCATTCCGCCAGCTGCCACAGCTCTGGGGACTACAGTGTCCATAAAATCATCTCTGCCCTTCCATCAAGA  
TGTTGATGGCTGGAAGGCTGTCCAAAGAAACGGGTCTCTGCAAAGCTCCAGTGGTACAGCGCCATCGG  
GATATATTTAGCTCAGCACGACGATCAGACCCTGTCTATTTTGTAGCTCCTGCCAAATTTCTTGGGAATC  
AACAGGTGAGCTACGGGCAAAGCCTATCTTTGACTACCGTGTGGATAGGGGAGGCAGACACCCATCTGC  
CCATGACGTGATCCTGGAAGGTGTCTGGTCTACGGATCACAGCTCCCTTGATGCCACTTAGCAAGACACTG  
CCTTGTGGGATCACCAAGACTTACACATTAGATTAAATGAACATCCAAGCAGTAATTGGAGCCCTGAGC  
TAAGTTACTTTGAGTATCGAGGTTACTGCGGAACCTCACAGCCCTGCGGATCCGAGCTACCTACGGAGA  
ATACAGTACTGGGTACATTGACAACGTGACCTTGATTTTCAAGCCGCCCCGTTTCTGGAGCCCCAGCGCCC  
TGGGTGGAACAATGTGTATGCCCTGTTGGCTACAAGGGGAGTCTGCCAGGATTGTGCTTCCGGCTACA  
AAAGAGATTCAAGCCAGCTGGGACCTTTTGGCACCTGTATTCCATGTAAGTCCAAAGGGGAGGGGCTG  
CGATCCAGACACAGGAGACTGTTACTCAGGGGATGAGAACCCTGACATCCCTGAGTGTGCTGACTGCCCC  
ATTGGTTTCTACAACGATCCACAAGACCCCCGAGCTGCAAGCCGTGCCCTGTGCAATGGGTTGAGCT  
GCTCCGTGATGCTGAGACAGAGGAGGTGGTGTGCAATAACTGCCCCAGGGTGTCACTGGTGCCCGCTG  
TGAGCTCTGTGCTGATGGCTATTTTGGGGACCCCTTCCGGGAACGTGGCCAGTGAGGCCCTGTGAGCCC  
GTCAAGTGAACAACAACGTGAGCCCTGAGCCCTCCGGGAACGTGACCGCTGACAGGCAGGTGTCTGA  
AGTGATCCACAACACAGCTGGGGTCCACTGTGACCAGTGCAAAGCAGGCTACTATGGGGACCCGTTGGC  
TCCCAATCCAGCAGACAAGTGTGAGCTTGCAACTGCAACCCAGTGGGCTCGGAGCCTGTGGAGTGTGCA  
AGTGATGGCAGCTGTGTTTGAAGCCAGGCTTTGGTGGCCTCAGCTGTGAGCATGCGGCACTGACCACT  
GTCCAGCTTGCTATAATCAAGTGAAGTTTCAAGTGGATCAGTTTATGACGAGCTCCAGATCCTGGAGGC  
CCTGATTTGCAAGGCTCAGGGTGGAGCAGTACCCAACGCAGAGCTGGAAGGCAGGATGCAGCAGGCTGAG  
CAGGCCCTTCGGGACATTCTGAGAGAAGCCAGATTTCAAGATGCTGTTAGATCCTTCAATCTCCGGG  
TGGCCAAGGCAAGGACTCAAGAGAATAGCTACCGGACCGCTGGATGACCTCAAGATGACTGTGGAAG  
AGTTCCGGCCCTGGGCAAGCTGATATCAAGCAAGTTTCAAGATACTCGCAGGCTCATCACTCAGATGCGC  
CTGAGCCTGGAGGAAAGTGAGGCTTCCCTGCAAAACACCAACATTCTCTCCTCAGAGCACTACGTGGGGC  
CAAATGGCTTTAAAGTCTGGCTCAGGAGGCCACGAGATTGGCAGACAGCCATGTTCACTCAGCCAGTAA  
CATGGAGCAACTGGCAAAGGAAACCCAGGAGTATTCCAAAGAGCTGATGTCACTGGTGCGCGAGGCTCTG  
CAGGAGGGAGGCGGAAGCGGACGCTGGACGGAGCCGTGGTGCAAAGGCTTGTGGGAAAATTGCAGAAAA  
CTAAATCTCTGCCCCAGGAGTTGTGAGGGAGGCCACGCAAACCGACATGGAAGCAGATAGGTCTTATCA  
GCATAGTCTCCACCTTCTCAATTCCGTGTCCAGATTCAAGGAGTCAATGATCAGTCTTGCAGGTAGAA  
GCGAAGAGGCTCAGACAAAAGCTGATTCTCTCTCAAACCGTGTGACTAAGCATATGGATGAGTTCAAGC  
ACGTGCAAAAGCAATCTGGGAAACTGGGAAGAAGAAAACCCGGCAGCTCTTACAGAATGGAAAGAATGGGAG  
ACAGACATCAGATCAGCTGCTTTCCCGTGCCAACCTTGCTAAAAGCAGAGCCCAAGAAGCACTAAGTATG  
GGCAATGCCACTTTTTATGAAGTTGAGAACATCTTAAAGAATCTCAGAGAGTTTGACCTGCAGGTTGGAG  
ATAAAAGAGCAGAAGCTGAAGAGGCCATGAAGAGACTCTCTACATCAGCCAGAAGGTTGCAGGTGCCAG  
TGACAAGACGAGCAAGCAGAAGCAGCCCTGGGAGGCTGCTGCTGCCAGCGCCAGAGGGCAAAGAATGCA  
GCCAGGGAGGCCCTGGAGATCTCTGGCAAGATAGAACAGGAGATAGGAGGTCTGAACTTGAAGCCAAATG  
TGACAGCAGATGGAGCCTTGGCCATGGAGAAGGGACTGGCCACTCTGAAAAGTGAGATGAGAGAAGTGGGA  
AGGAGAGCTGTCAAGGAAGGAGCAGGAGTTTGACATGGATATGGACGCACTGCAGATGGTAATTGAGAG  
GCCAAGAGAGTTGAAAACAGAGCCAAGAATGCTGGAGTTACGATCCAAGACACACTCAACACATTGGATG  
GCATCTACACCTAATAGACCAGCCTGGCAGTGTGGATGAAGAGAGGCTGATCTTACTGGAGCAGAAGCT  
TTTCCGAGCCAAGACTCAGATCAACAGCCAGCTACGGCCCTTGATGTGAGAGCTGGAAGAGAGGGCACAT  
CGGCAGAAGGGCCACCTCCGTTTCTGGAGACTAGCATAGATGGGATTCTGGCTGATGTGAAGAACCTGG  
AGAATCATAGGGACAACCTGCCCGGGCTGCTACAATACCCAGGCTCTTGAGCAACAGTGAAGCTGCCT  
TAGAGATTTCTCAACCAAGGTTCTTGGGATTACAGACCTAGCTGCCTTAGAGATTTCTCAACCAAGGTTCT  
TGGGATTACAGACCTCAGGGCTCAGGAGCCCGCATGCGGGTGGGGTGGGATGGGAATATTTGAATATGTTG

AATGCGTGTGCTCAGGCCCCAGTGAACCTGATCCCATCCCTGAGACCTCGGCCAGATAAATGTCTTTATT  
G  
>GBEQ0033 |Acc|AF354445|Ver|AF354445.1 GI:13811398|Equus caballus natural resistance  
associated macrophage protein 1 (NRAMP1) mRNA, complete cds.  
CCGGGCAGGCGGGGCCACGCAGAGAGTGCCAGAGCCTGCCGTCCTCATGACAGGTGACAGTGGAGCCCC  
AAGGCTAAGCCGGCCAGCTATGGCTCCATCTCCAGCTCACCCAGCCCAGGGCCACAGCAAGCACCTCCC  
GGAGGGACCTACCTGAGTGAGAAGATCCCCATCCCGACACGGAACAGGGCACGTTACGCCCTTCGGAAGC  
TGTGGGCCCTTCACTGGGCGGGGCTTCTCATGAGCATCGCTTTCTGGATCCAGGAAACATCGAGTCGGA  
CCTTCAGGCTGGCGCTGTGGCTGGATTCAAACCTGCTCTGGGTGCTGCTGTGGGCCACAGTGTGGGTTTA  
CTCTGCCAGCGACTTGCTGCCCGGCTGGGTGTGGTGACAGGAAAGGACTTGGGCGAGGTCTGTCTATCTCT  
ACTACCCCTAAGTGTCCCCGCACCATCTCTGGCTGACCATCGAGCTGGCCATCGTGGGCTCGGACATGCA  
GGAGGTCACTCGGCACCGCGATTGCATTCAATCTGCTCTCAGCTGGACGAATCCCACTCTGGGGTGGCGTG  
CTCATACCATCGTGGACACTTCTTCTTCTCTCTCTCGATAATTACGGGCTGAGGAAGCTGGAAGCCT  
TTTTTGGATGCCTTATTACCATCATGGCCTTGACCTTCGGCTACGAGTACGTGGTGGCCCCGTCCCGCTCA  
GGGGCCGCTTCTCCGAGGCCTGTCTGCCCTCTGCCCCGGCTGCGGCCACCCGAGCTCCTGCAGGCC  
GTGGGCATCGTCCGCGCCATCATCATGCCGCACAACATCTACCTGCACCTCGGCGCTGGTCAAGTCTCGAG  
AGATAGACCGGTCCCGCCGGGCGGACATCCGAGAAGCCAACATGTACTTCTGATCGAGGCCACCATCGC  
CCTGTCCGTCTCTTCTTGATCAACCTCTTCTGTGGCCGTCTTTGGGCGAGGCCTTCTACCAGCAGACC  
AACCAGGCTGTGCTCAACATCTGTGCCAGCAGCCACAGGACTACGCCAAGATCTTCCCCAGGACAAACC  
TGACCGTGGCCGTGGACATTTACCAGGGAGGCGTGATCTGGGCTGCCCTCTTCGGCCCCGCGGCGCTTA  
CATCTGGGCGGTGGGTCTCTTGGCGGCCGGGCGAGGCTCCACCATGACCGGCACCTACGCGGGACAATTC  
GTGATGGAGGGCTTCTGAAGCTGCGGTGGTACGCTTCGCCCCGCTCTCTCTCACTCGCTCCTGCGCCA  
TCCTGCCCCACCGTCTCGTGGCCGTCTTTCAGGGACGTGAGAGACCTGTGAGGCTCAACGACCTGCTCAA  
CGTGCTGCAGAGCTTGTGCTTCCCTTCGCTGTGCTGCCCATCTCACCTTCACCAGCATGCCCGCCATC  
ATGCAGGAGTTTGCCAATGGCCTGCTGAGCAAGATCGTCACTTCTTCTCATATGGCGCTGGTCTGTGCCA  
TCAATCTCTACTTCTGTTGCTCAGCTACCTGCCAGCCTCCCCACCCCGCCTACTTCGGCCTCGTAGCCCT  
GCTGGCCGCGGCTACCTGTGCTTACCACCTACCTGGTCTGGACCTGTTCAATCGCCCCAGGAGCCACC  
CTTCTGGCCACAGCTCCCACAGCGCTTCTTGTACGGGGTTCTGAAGAGCAGCCAGAGCCCTCCGGAT  
GAACTCCCACCCCGGGGCTGGCTGCCGGTGGCATGAGTGGGTGGCATGGGTGCGGCAGACTGGGTGCTG  
GATGGGGGGCGGGGGAGGCGGGGGTGGAGGCAGCAAGACGGCGTGGAGCAGCCTGGGTTCCACAGAGAC  
CTGCTGTTTCTTAGTTTCGACAACTGATTAACCTATGGGTTTCAATGCCCTCATCTG  
>GBEQ0034 |Acc|AF544227|Ver|AF544227.1 GI:23477705|Equus caballus lipocortin-1 mRNA,  
complete cds.  
GCCCTTGGACACTGACATGGACTGAAGGAGTAGAAAGCTGGGTGTGGCCTCCTTTCAAATTCTATAAAAT  
CAGAAGCCCAAGGCTCCAGTTGTAGTGTGAAACCCTCAGAGAAGAACCCTCCTCAGTCTCTTTGGAAGAC  
GGTGGAAAAAATATACTTCTTTAAAAATGTCAATGGTATCAGCATTCCTCAAGCAGGCCTGGTTTATTG  
AAAATGAAGAGCAGGAATACATTAAAGCTGTGAAAGGATCCAAAGGTGGTCTGGGTGAGCAGTGAAGCCC  
CTATCCCAGCTTCAATCCGTCTCGGATGTTGATGCCCTGCACAAAGCGATCACAGTGAAGGTTGTGGAT  
GAAGCAACCATCATTGAGATTCTAACGAAGAGAAACAATGCGCAGCGTCAACAGATCAAAGCAGCATATC  
TCCAGGAAAAAGGAAAGCCCCCTGGATGAAGCTCTGAAGAAAGCCCTTACAGGTACCTGGAGGATGTTGC  
TTTGGCTCTATTAAAAACACCAGCCCGGTTTGATGCTGATGAAGTCCGTGCTGCCATGAAGGGCCTTGGA  
ACTGATGAAGACACTCTGATTGAAATTTTGACATCAAGAACTAACAAAGAAATAGGGAAATTAACAGAG  
TCTATAGAGAAGAACTGAAGAGAGATCTGGCTAAAGACATCACCTCAGACACATCTGGAGATTTCCAGAA  
GGCTTTGCTTTCTCTTGCTAAGGGTGACCGATCTGAGGATTTTGGCGTGATGATGACTTGGCTGATTCA  
GATGCCAGGGCTTTATACGAAGCAGGAGAAAGGAGAAAGGGACAGATGTGAACGTGTTCAATACCATTC  
TGACCACCAGAAGCTATCTCTCATCTGCGCAGAGTGTTCAGATGTACACCAAGTACAGTAAGCATGACAT  
GACAAAAGTCTTGAGCTGGAGATGAAGGGGGACGTCGAGAACTGCTTCACAGCTATTGTGAAGTGTGCG  
ACAAGCAAAACCAATGTTCTTTGCTGAGAAGCTTCATAACGCCATGAAGGGTGCTGGAACCTCGTATAGA  
TATTGATCAGGATTATGGTGTCCCGTCTTGAAGTCGACATGAATGATATCAAAGCATGCTATCAGAAGTT  
GTATGGTATCTCACTCTGCCAAGCCATCCTGGATGAACCAAGGGAGATTACGAAAAGATCCTGGTGGCT  
CTCTGTGGAAGAGACTAAACATTCCTTTACGCTCAAGCATTTTTCATCAGAAGACTTTTT  
>GBEQ0035 |Acc|AY057096|Ver|AY057096.1 GI:23428520|Equus caballus prostaglandin E  
synthase mRNA, complete cds.  
GCACGAGCGGAGCTCCTGCCGCCGAGATGCCACCCCTAGCCTCGCGATGGTGAGTGGCCAGGCGCTCCC  
GGCCTTCTGCTCTGCGACGCTGCTGGTCAAGATGTACGCGGTGGCCGTATCACGGGCCAAGTG  
AGGCTGAGGAAGAAGGCTTTCCGCAACCCCGAGGACGCCCTGAGACACGGAGGCCCTCAGTTCACGGG  
ACGACCAGGACGTGGAGCGTTGCCGTGAGAGCCACCGGAACGACATGGAGACCATCTACCCCTTCTGT

CCTGGGCCTCGTCTACTCCTTCTGGGGCCCGACCCCTTTCGTGGCCAGATGCACTTTCTCGTCTTCTTC  
 CTGGGCGCATGGTGCACACCGTGGCCTACCTGGGGAAGCTGCGGGCGCCACCCGCTCTCTGGCCTACA  
 CCGTGGCCCGAGCTCCCCCTGCGCCTCGATGGCCCTGCAGATCGTCTGGGAAGCAGCCCGCCACCTGTGACC  
 GCCAGCTGAGACCTCCTTGGCGCCAGACCGCTGACCGTGAGCCGCCCTAGGGGATTGGGCATCCCTTCCAG  
 ATTGTGACAGGCCCTGGGGCCTGGTTTCCCTGGCAAACTGCTGAGCGCGGGATCCTGGACCCAGTGCACCT  
 GTGTGTGTTTGCATATGTGTGTGTTTGCACATGTGCGTGTGTGCGCCCTTGGATTCTCTGGGTGAAGTGG  
 CCGATGGAGCCCGTTTAGAGACGAGCTGTCAAGATTGATAGAAAACCCCTCCACTCAAATAATAGAGCAT  
 TTAATAATAGAGCATTTAAACATGACTCCTTCTTCATCATCCCTAAGAGCAGGAAGAGTGAGRAGGGC  
 CAGTTCAGATTCTGAGCCTAATGGTCATCGGATCCAGGGCTGTAGTAAATGCAGACTTCTCAGACCCAC  
 CCCAGAAATTCTGGTTCAGCCTATTTAGAGGGGGGCTGGGCATCTGCATTTTTTGTAAAGCTCCTGGTG  
 AGTCCAGCACGGGCGGGTCCCGAGCCCTGGCAGCCCCCTCTAGAGGCAGGGCCAGGACGCGCAGGGTG  
 TGTGCGATTTCTTTTACGGCCGGAGTTCAGTGAGGGGGCATTATGCTCGGTGCCCTCCGGTCAGTCCAC  
 ATCCCTCACTGGAGCCTTCTCTGCCTGGCACCAGGGGCGGATGGGAGGGGCCCCCGGTGACGTGTGCCTTC  
 TCTCCCTGAGGTTTCTGTGCTCCTGAAGGCTGTAAATCAAGGACAATGGGCCTTGAAGGACCAACCGCA  
 AAAGGGAACCTTACTGGCTCCTTCAGTATCTGCAGGATTTGAAAACCGCAAATGTGCCTCCTGTGGAGAAT  
 GTGTGTGTGTGTGCGTGTGTGCATGTGGAATCCACGTGTCTCTCTAGACTCCTGTTCTGAGACGTGTGT  
 GGCTTTAATCATTAAATGGAGCCTTTGGCAAAAAAAAAAAAAAAAAAAAAA

>GBE00036 |Acc|BK000021|Ver|BK000021.1 GI:23395751|TPA: Equus caballus tyrosinase-related  
 protein 1 (TYRP1) mRNA, complete cds.

AGCCTTGTCCTGCATGTTTGCTTCAAGCAGAATGAAAGCTCATAAACTCCTCTCTCTGGGATACCTCTTC  
 TTGCCCCCGCTCTTTTTTCAACAAGCCTGGGCTCAATTCCCAGAGAGTGTGCCACCGTTGAAGCTTTGA  
 AAAATGGTGTGTGTGGCCAGACCTGAATCCTCTGTCTGGGCTGGGACGGACCGCTGTGGCTCCTCCTC  
 AGGGAGAGGCCGGTGTGAGGCAGTGACTGCAGACTCCCGACCTCACAGCCACCATTATCCCCACGATGGC  
 AGAGACGATCGTGAGGCTGGCCACACGCTTCTTCAATAGGACATGCCACTGCAATGGCAACTTCTCAG  
 GGCACAACTGTGGGACTTCCCGTCTGGATGGAGAGGAGCTGCCTGTGACCAGAGAGTTCTCACAGTCAG  
 GAGAAACCTTCTGGACTTAAGTACAGAAGAAAGAGCTACTTTGTCCGGGCGCCTGGATATGGCAAAGCGC  
 ACAACTCACCTCAGTTTGTCTATTGCCACCAGGAGGTGAGAAGAAATATTGGGGCCAGATGGCGACACGC  
 CACAATTTGAGAATGTTTCCATTTATAACTACTTTGTTTGGACACACTATTACTCAGTCAAGAAGACCTT  
 CCTTGGGGCAGGTGAGGAAAGCTTTGGTGAAGTGGATTCTCTCATGAAGGACCAGCTTTTCTCACGTGG  
 CACAGGTACCACCTACTGCAGCTGGAGAGAGACATGCAGGAAATGTTGCAGGATCCTTCTTCTCCCTTC  
 CTTACTGGAATTTTGGCAGCCGGGAGGAACATCTGTGACATTTGCACCGATGACTTGATGGGCTCGAGAAG  
 CACTTTGATTCCAGTCTTATCAGCCCGAACTCTGTGTTTCTCAATGGCGAGTGGTCTGCGAATCTTTG  
 GAAGATTATGATACCTGGGAACCCCTTTGTAACAGCACTGAAGGTGGGCCAATTAGGAGAAACCCAGCTG  
 GAAATGTGGCTAGACCAATGGTGCAACGCTTCTCCTGAACCACAGGATGTGCTCAGTGCCTTGGAAAGTTGG  
 GTTATTTGACACACCTCTTTTATTCCAAATTTCAAAACAGTTTCCGAAACACAGTGGAAGGTTACAGT  
 GATCCACGGGAAAGTATGACCCTGTTGTTGCAAGCCTTCACAATTTGGCTCATCTATTCTGAAATTGGA  
 CAGGGGAACAAACCCATTATCTCCCAAATTTGATCCTATTTTGGTCTCCTGCATACTTTCACCGAATG  
 CATCTTTGGATGGATGGCTGAGGAGTACAATGCTGGATATATCCAACATTTCCCACTGGAAATGCTCCTT  
 ATTTGGACATAATAGACAATACAATATGGTGCCATTCTGGCCTCCAATTACCAATGTGGAAATGTTTGTCA  
 CTGCTCCAGACAACCTGGGATATACTTATGAAGTTCAATGGCCAGGTGCGGATTTTCAGTATTTCTGAGAT  
 CGTTACCATAGCAGTAGTTGCTGCGTTATTAGTGGTTCAGTCATTTTGTGGGCGCGTCTGTCTGATT  
 CATGCCAGAAGCAACAGGGATGAAGCAACTCAGCCTCTCCTCACTGATCGTTATCAACACTACGCTGCAG  
 AATATGAAAAAATCCCGGATCCTAATCAGTCTATGGTCTACCAATAAATGGCTTATTCTCTTAGGCATTA  
 GTATCACAACCCATTAGGTTGAAAAATAATAGAGTGAGTTACTAACTGTATTTTCTTCACTCTCTTAC  
 TTTCTTCTTATGCATGCACATGTTAAAAATTAAGCTCCAGGTATTATTTTCGAGAAGTGAAGGGTCA  
 TAGTCTTTGCAAAAGGATCTAATTTTTCAGCTCTTTTAAACCAGTAGGTTGCGCCAACCTCCACAGTATTT  
 AAGCAGAGGCTCAGATGAAGATTTTGTACGTTTAAAGCTCAACTATATAACAGGTACATAATCTGTCTGT  
 GCTTTGTCTATGTGTAAAGACAAATCATGATTGCTGGTAAATCCCTGATTAATAACATGAGTAGGCACT  
 TCTACAATGTTAAATGTAAATACATTTCCATCCATTGACATTGACCAACAGACATAAAGTAAGCCACAT  
 CTATTAGTTAAATAAATATGTGGAGTTATAAATGGGATCCCAATTAACCTTCTTCAAATTTGGTCTTCCC  
 CTTTGGTCAACAGCATATAT

>GBE00037 |Acc|AF541975|Ver|AF541975.1 GI:23305888|Equus caballus metalloproteinase  
 (ADAMTS-1) mRNA, partial cds.

GGATGACGAGACCCAGCCCTCGAGGGGCGCGGAGCCGGAGGGCCAGGACGCGGGACGCGAGTGGGCGCCG  
 CGGGACAGGGCCCCGCGCGCGGCAACAGGAACCTGGAAGCATAAGAAAGAAGCGATTGTTGT  
 CCAGCCCCCGATATGTGGAACCATGCTTGTGGCTGACAGTCTATGGCAGAGTTCCACGGCAGTGGTTT  
 AAAGCACTACCTTCTCACCTTGTCTCGTGGCGGCGCGGTTATACAAACACCCAGCATTCGGAATTCA



GTTAGCCTGGTGGTGGTGAAGATCCTAGTCATCTATGAGGAACAGAAGGGGGCCGAAGTGACTTCCAATG  
 CTGCTCTCACTCTGCGGAATTTCTGCAACTGGCAAAAGCAGCACAAACCCGCCAGTGACCGGGATGCGGA  
 GCACTATGACACAGCGATTCTTTTCAACCCGACAGGATTTGTGTGGGGCCAGACATGTGATACTCTGGG  
 ATGGCTGATGTTGGAACATATATGTGATCCCAGCAGAAGCTGCTCGGTCATAGAAGATGATGGTTTACAAG  
 CTGCCTTACCACAGCCCATGAATTAGGCCACGTGTTAACATGCCACATGATGATGCAAAGCAATGTGC  
 CAGCATTAATGGTGTCAACCGGATTCCCACATGATGGCGTCAATGCTTTCCAATTTGGACCGCAGCCAG  
 CCTTGGTCTCCCTGCAGCGCCTACATGATTACATCATTTCTGGATAATGGTCACGGTGAATGTTTGATGG  
 ACAAGCCCCAGAGCCCCATACAGCTCCCCTCTGATCTCCCCGGGACCTTGTATGATGCCAACCGCAATG  
 CCAGTTCACGTTTGGGGAGGAGTCCAAACACTGCCCGGATGCAGCCAGCAGTGCACGACCCCTCTGGTGC  
 ACTGGCACTTCTGGCGGTTGCTGGTGTGCCAAACCAACCACTTCCCTTGGGCAGATGGCACCAGCTGTG  
 GAGAAGGGAGATGGTGTGTCAATGGCAAGTGTGTGAACAAGACCGACAGGAAGCATTTTGATACCTCTGT  
 TCATGGAAGCTGGGGGCCGTGGGGGCCCTGGGGGAGACTGTTCCGAGAACATGTGGTGGAGGAGTTCAGTAT  
 ACAATGAGGGAATGTGACAACCCAGTGCCAAAGAAATGGAGGGAAGTACTGTGAAGGCAAGCGCGTGCCT  
 ACAGGTCGTGTAACATCGAGGACTGTCCGATAATAATGGGAAAACCTTTAGAGAGGAACAATGTGAGGC  
 TCACAATGAATTTTCGAAAGCTTCCCTTGGGAGTGGGCTGCGGTGGAGTGGACACCCAAGTATGCTGGA  
 GTCTCACAAAGGACAGGTGCAAGCTCATCTGTCAAGCCAAAGGCATTGGCTACTTCTTCGTTTTGCAGC  
 CCAAGGTGGTAGATGGTACTCCATGTAGCCCCGATTCACCTCTGTCTGCGTGCAGGGCAGTGTGTAAA  
 AGTGGCTGTGACCGCATCATAGACTCCAAAAGAAAGTTTGATAAATGCGGTATTTGCGGAGGAAATGGA  
 TCTACATGCAAGAAAATATCCGGATCAGTTACTAGTGCAAAACCTGGATATCATGATATCGTCACAATTC  
 CAAGTGGAGCCACAAACATTGAAGTGAACAACGGAATCAGAGGGGATCCAGAAAATAATGGAAGCTTTCT  
 TGCCATCAAAGCTGCTGATGGCACATACATCCTGAATGGTGAATTCACCTTTGTCCACTTTAGAACAGAC  
 ATTACGTACAAAGGTAGTGTCTTGAGGTACAGTGGCTCTTCTGCAGCGTTGGAAAGAATTCGCAGCTTTA  
 GTCCTCTCAAAGAGCCCTTAACCATCCAGGTCCCTTACAGTGGGCAATGCCCTTCGACCGAAAATTAATA  
 CACATACCTTTGTGAAGAAGAAGAAGGAATCTTTCAATGCCATCCCTACTTTCTCAGAATGGGTCAATCGAA  
 GAGTGGGGCGAATGTTCCAAGTCAATGTGGACAGGGTTGGCAGAGAAGACTGGTAGAGTGCCGAGACATCA  
 ATGGGCAGCCAGCTTCCGAGTGTGCGAAGGAAGTGAAGCCAGCCAGCACCAGACCTTGTGCAGACCTGCC  
 TTGTCCCGCTGGCAGCTGGGGGATTGGTCCGCTATGTTTCCAAGACTTGTGGGAAGGGTTACAAAAGAGA  
 ACCTTGCAAGTGTCTGTCCCAGATGGGGGGGTGTTGTCTCAAGAGAGCTGCGATCCTTTAAAGAAACCCA  
 AACATTACATAGACTTTTGCACCATGGCAGAATGCAGTTAAGCAATGTCAAGTGTGAGGGAAGTAAAG  
 TGTGGAAGGGCTGATGCACCTGAAATCAAGAAGGTGGAGGAATCCAGTGTACCTTGCCGGTGTACACAA  
 GGTGTGTCTATGAGTTAGGAGACTATAGGTAGGTAGGTAAGAAAGAAAGTTAGATCGTCAGAATATCCTGCCAGT  
 TACAAACTTGATAGGGTAGTTAATGAGGATTATTAATCTCTGAGCAATGATATAGCATGATAAAGGCCCA  
 GGGCATTATATCATCCCTTTTGTACATCTATGACAAAGTTAAAAAATAAGAAAACAATTGTCAAAT  
 AATTTTAAGAAATATTACAAATCCCTGTTTCTGGTACTGATTAAATACCTTGTATCATGGGGATTAGGAA  
 ATGAAAAGCAGGAAAAAGATGAGAATTTTAGTTTAAAGATGTGGCTTATTTACCTCGCTAACAAATGAGG  
 GAGAAAGGAGTATGTATAGGGTCTTTGGCCAGCACTGCCATGGCTGCTATGGTTTCAGAGAATGCTATCT  
 TTTCTACCCAGCAGTAAGAATTCAACATTGACCAGCATGAGAGAAATGTGTAACAACGTCGAATGACTCC  
 GTCTGTACTTTCTTGTGCCATTCTTGTGCTTTTATTTGTCAATTCAATTTGACAAGGAAACAATTCGGTG  
 TATTTGTAAGAATGCATTGAGTCTACAAGAGGGAAAAAAGCAGCAATGTATCAGATGCTGGGAAAAATA  
 ACTAGAGGAGGCAGGATGAGGTCACTACCTCCTACCATTGTTCTCTCTTATGTAAGCCTGCTTTAGGAA  
 TGTGGATGTGGAACAAACAGTGTGTGTCTCAAGGAAGTCAGTAACACCACACAAAAGGATGTAATGCCAG  
 AATAAGTATGGGGTGACATAGAATGGGGTCCCCAGTTTGTGGGACACTGCAGTCACTTGTCTCACAGTGG  
 GGAGGCTACTGAGGGGTAGCGGGTCCATCCCCAGCAGCTGGTCCAACAGTCATATCCTGGTGAATGTCTG  
 TTCAGCTCTTCAACTATGAAAGAGAATATGACTTTTCCATGTGTATATAGTAAAATATATTACTATAAA  
 TTCTATGTACTTTATAAGTATTGGTTTGTGTGTTCTTCTAAGAAGGACTATAGTTTGTAAATAATGCCT  
 ATAATAACATAATTTATTTTATACATTTCTTTCTAATGATAAATCTTTTAAGTTATATCGCTTTTGTAAA  
 AGAACATATAAAAAATAGAGTATTTATACAATATATGTTTACTAGAAATAATAAAAAAGACACTTTTGTAAA  
 AAA

>GBE00038 |Acc|AB059407|Ver|AB059407.2 GI:23200576|Equus caballus TNMD mRNA for tenomodulin, complete cds.

GGTCTCTCAGTCTCTCAAAGCAGGGAAGAGTACTGTGTGCTGAAAGACCATGGCAAAGAATCCTCCAG  
 AGAAGTGTGAGGACTGTCAATTTTAAATGCAGAAGCTTTTAAATCCAAGAAGATATGTAATCACTTAA  
 AATTTGTGGATTGGTGTGTTGTTATCCTGGCCCTAACTCTAATTGTCTGTTTGGGGAGGCAAGCACTTC  
 TGGCCGAGACACCCAAAAAATACATGACATGGAGCACACTTTCTACAGCAACGGAGAGAAGAGGAAGA  
 TTTACATGGAAATTTGATCCCGTGACCAGAACTGAAATATTTCAGAAGCGGAATGGCACTGATGAAACATT  
 GGAAGTACATGACTTTAAAAATGGATATACTGGCATCTACTTTGTAGGTCTTCAAAAATGCTTCATCAA  
 ACTCAGATTAAAGTGATTCTGAATTTTCTGAACCAGAGGAGGAATAGATGAGAATGAAGAAATACCA

CAACTTTCTTTGAACAATCAGTGATTTGGGTCCCAGCAGAAAAGCCTATTGAAAACCGAGACTTTCTTAA  
AAATTCCAAAATTCTGGAGATTTGTGATAACGTGACCATGTATTGGATCAATCCCACTCTAATAGCAGTT  
TCAGAGTTACAAGACTTTTGAGGAGGATGGTGAAGATCTTCACTTCCCTACCAACGACAAAAAAGGCATTTG  
AACAAAACGAGCAGTGGGTGGTCCCTCAAGTGAAGGTGGAGAAGACCCGTCGCGCCAGACAAGCAAGTGA  
AGAAGAACTTCCAATTAATGACTATACTGAAAATGGAATAGAATTTGACCCCATGCTGGATGAGAGAGGT  
TATTGTTGATTTACTGCCGTCGAGGCAACCGCTACTGCCGCGCGCTCTGTGAACCTTTACTAGGTTACT  
ACCCGTATCCATACTGCTACCAAGGAGGGCGGGTTACTGTGCTGTGCATCATGCTTGCAACTGGTGGGT  
GGCCCGCATGTTGGGGAGGGTCTAGTAGCAAGTTCGAGCACAAGAGCTTAAATTTCTGGCAGCCAACATA  
TAATAAATGCATGCTATTCAATGAATTTCTCCCTATAAGGCATTTGGCTCCTGGTAGCCAGTACTCCAGA  
ATTACTTGTAGGTAATTCCTCTCCTCATGTTCTAATAAACTTCTACATCATCTTC  
>GBEQ0039 |Acc|AY049939|Ver|AY049939.1 GI:15723737|Equus caballus alphaS1-casein mRNA,  
complete cds.  
ATGAAGGTTTTCATCCTCGCCTGCCTTGTGGCTGTTGCTCTTGCCAGGCTTAACTTCCCTCATAGACAGC  
CAGAAATCATTGAGAATGAACAGGACAGTAGAGAGAAAGTCTCAAAGAAAGAAAGTTTCCCAGTTTTCG  
TCTAGAGTACATCAATGAACCTGAACAGGCAGAGAGAACTTCTGAAAGAAAAACAGAAAGATGAACACAAG  
GACACTAGCAATGAATCAACTGAAGAATATCTCATAGAAGACCCCTGAGCAACAGGAATCTAGCAGCACTT  
CATCAAGCGAGGAAGTTGTTCCCATTAACACTGAGAGCGCATTTCAAGGGAAGACATGCTCTACCAACA  
CACTCTGGAACAGCTTCGAGACTGAGCAAATACAACCAACTCCAGCTGCAAGCCATCCATGCCCAGAGA  
AAGCCTATGAGAGTAGTGAATCAGGAACAGGCCTACTTCTACCTTGAGCCTTTCCAACCATCCTACCAGC  
TTGATGTCTATCCCTATGCTGCTTGGTTTCATCCTGCGCAAATCATGCAACATGTTGCTTACTCACCATT  
CCATGACACTGCCAAACTCATTGCCTCTGAGAACTCGGAAAAAACTGACATTATACAGAGTGGTGAAGG  
ATTAAGTGAATTCTCAGAAACTCCACAATTATGGCCCTTGATGTGACTGAAAATCCATTCTTGATTTCTC  
TCCTCAATGTCGATCGTGTAAACCCACCTATCCCAAGGCTTCAACTGTTATTTTAGAGTAGGACAATCCCA  
AATTGAGGTAATCTTTCTTCTGAGTTCTCTTCTGATATTAGATAGCATATCCTCCTTTTCTTTAAGTT  
AAATTTTCTGTACAGTTATCGTCTGAATTCAGTTGATTATGCCAGTATGAAGGTCACTGAATCAGAGT  
GTTAAAAGTCTTTACTGGTCTATATGGGAATTTTGTGAAAATCTTTAAATGCTTCTTCTGTAAGTG  
TCATCATTTCAAATAATTGTGTGAGTAAGATTT  
>GBEQ0040 |Acc|AF531753|Ver|AF531753.1 GI:22347677|Equus caballus glucose transporter  
type 4 (GLUT4) mRNA, complete cds.  
AAACAAGATGCCGTGCGGTTTTCAACAGATCGGCTCAGAAGATGGGGAACCGCCTCAGCAGCGAGTAACT  
GGGACCCCTGGTCTCGCAGTATTTTCTGCTGTGCTTGGCTCCCTGCAGTTTGGCTACAACATTGGGGTCA  
TCAATGCCCCACAGAAGGTGATTGAACAGAGCTACAATGAGACATGGCTGGGGAGGCAGGGGCCCTGAGGG  
GCCAGCTCCATCCCACCAGGCACCCCTCACCACCCCTGCGGCTCTCTCCGTGGCCATCTTTTCTGTGGGC  
GGCATGATCTCCTCCTTCTCATTGGCATCATCTCTCAGTGGCTGGGAAGGAAAAGGGCAATGCTGGTCA  
ACAATGCCCTGGCAGTGTGCTGGGGGAGGCTCATGGGCTGGCTGACACTGCTGCCTCCTATGAGATGCT  
CATTCTTGACGGTTCTCATTGGCGCTACTCAGGGCTGACGTGAGGGCTGGTGGCCATGTATGTGGGG  
GAGATCGCCCCCACTCACCTGCGGGGTGCTTGGGGACACTCAACCAACTGGCCATCGTCATTGGCATTC  
TGATCGCCAGGTGCTGGGCTTGAGTCTATGCTGGGCACTGCCACCCATGAGCCACTGCTCCTGGGCAT  
CACAGTGTGCTGCCCTTCTGAGTTGGTCTTACTGCCCCCTTCTGCCAGAAAGCCCTCGCTACCTCTAC  
ATCAGCCGGAACCTGGAGGGGCCCCGAGAAAGAGTCTGAAGCGCCTGACAGGCTGGGCTGACGTGTCTG  
GAGTGTGGCTGAGCTAAAGGAAGAGAAGCGGAAGCTGGAGCGTGAGCGGCCACTGTCCCTGCTCCAGCT  
CCTGGGCGAGCGGTGTCCACGGGAGCCCCCTAGTCAATGCAAGTTGTGCTGCAGCTCAGCCAGCAGCTATCG  
GGCATCAACGCTGTTTTCTATTATTCAACAGCATCTTCGAGAAGGCAGGAGTAGGGCAGCCAGCCATAG  
CCACCATAGGAGCTGGTGTGGTCAACACAGTCTTACCTTGGTCTCGGTGTTTTTGGTAGAACGAGCTGG  
GCGCCGGACACTCCATCTCCTGGGCTGGCGGGAATGTGTGGCTGTGCCATCTTGATGACTGTGGCCCTG  
CTTCTGCTGGAGCGAGTTCAGCCATGAGCTATGCTCCATCGTGGCCATCTTTGGCTTTGTGGCATTTCT  
TTGAGATTGGCCCTGGCCCCATCCCCCTGTTCTATCGTGGCTGAGCTCTTCAAGCCAGGACCCCGCCGGC  
AGCCATGGTGTGGCTGGCTTCTCAACTGGACGTGCAACTTCATCATTTGGCATGGGCTTCCAGTATGTC  
GCGGATGCTATGGGTCCCTACGCTTCTCTTCTATTTCGGGTCTCCTGCTTGGCTTCTTCTATCTTCACT  
TCTTTAAGAGTGCCTGAAACCCGAGGCCGAGCTTTGACCAGATCTCAGCCGCTTTCACCCGACACCCCTC  
TCTTTTAGAGCAGGAGGTGAAGCCAGCACGGAATTTGAGTATTTAGGGCCAGATGAGMAYGACTGAGG  
>GBEQ0041 |Acc|AY081138|Ver|AY081138.1 GI:22331937|Equus caballus interleukin-4 receptor  
alpha-chain mRNA, complete cds.  
GGGCGCTGCCGAGCTGGCTGCCCTGGATCCCGCACTTCCCGCTCGGGCGCTGGACGGCGAATGGGCCAG  
GGGCGCGAGGTGTCAGTAGGCTTCCCAATGGGGTGCTTTGGCCCGGGCTCACGCTCCCTGTGAGCTGC  
CTGATCCTGGTGTGGGCGGCAGGCTCTGGGAGCGTTAAGGTCTGCGTCTCACCGCCTGCTTCTCCGACT  
ACATCAGCGCTCCACCTGTGAGTGAAGATGGACCGTCCCACCAACTGCAGTGCCAGCTCCGTCTGTC



CTACCAGCTGAACGACGAGTTCTCTGACAACCTCACGTGTATCCCCGAGAACAGAGAAGATGAAGTGTGC  
GTGTGCCGTATGCTGATGGACAACATCGTCAGCGAGGACGTCTATGAGCTGGACCTGTGGGCTGGGAACC  
AACTGCTGTGGAACAGCTCCTTCAAGCCCAGCCGGCAGCTGAAACCCAGGGCCCCCTCAAACCTCACGGT  
TCACGCCATCTCCACACGTGGCTGCTGACGTGGAGCAACCCGTACCCCTTTGAAGAATCACCTGTGGTCT  
GAGCTTACCTACCTGGTCAACATCTCCAAGGAGGACGACCCACGGACTTCAAATCTACAACGTGACCT  
ACATGGACCCACCTCCGCGTCACAGCCAGCACCTGAAGTCCAGGGCTACGTACAGCGCACGGGTGAA  
GGCCAGGGCTCAGAACTACAACAGCACCTGGAGTGAGTGGAGCCCCAGCACACGTGGCATAACTACTAC  
GAGCAGCCCTGGAGCAGCGCCTCCCGCTTGGTGTGACGATCTCCTGCGTTGTCATCCTGGCCATCTGCC  
TGTCCTGCTATTTGAGCATCATCAAGATTAAGAAAGAATGGTGGGACCAGATTCCCAACCCAGCGCACAG  
CCCCCTCGTGGCTATCGTCCCTCAGGATTCTCAGGTGTCAGTGTGGGGGAAGCAGTCCCGAGGCCAGGAG  
CCAGCCAAGTGCCACGCTGGAAGACTTGTCTTACCAAGCTCCTGCCCTGTTTACTGGAGCATGGCCTGC  
AAAAGGAGGAGGATTCTCCCAAGACTGTGAGAAATGGGGCCTTTCCAGAGTCCCTGGAAAATCAGCATGGCA  
CACTGTGGAGGTCAACCACACGATCCTCCGGCCAGAGATCATCAGCGTGGTGCCGTGTGTGGAGCTGTGT  
GAGGCCAGGTGGAGAGCGAGGAGGAGGAAGTGGAGGAAGATAGAGGGAGCTTCTGCCCGTCGCTGAGA  
GCAGCGGGAGCGGCTTCCAGGAAGGCAGGGAGGGCGTCGCGGCCCGGTGACAGAGAGCCTGTTCTGGG  
CCTCCTCGGGCTGAGAATGGGGCCTTGGGGGAGTCATGCCTTCTTCCCCCTTAGGAAGTGTCTCACATG  
CCCTGGGCCAGGATCTCAAGTGCAGGGCCCCAGGAGGCAGCGTCCAGGGTGAGGAGCAGCCTCTCAACC  
CAGAGTCAAATCCTCTGGCCACTCTGACCCAGAGCCCAGGCAGCCTGGCTTTTACAGAGGCGCCTGCTGT  
GGTTGCAGACAACCCCGCTACCGCAGCTTCAGCAACTCCCTGAGCCAGCCCCGAGGTCTTGAGAGCTT  
GACTCAGACCCACAGCTGGCCGAAACACCTGGGCCAAGTGGACCCAGCATCCCCCTCCGCCCCCAGCCCT  
CTGAACCAACCACTGCACTCCAGCCTGAACCAGAAACCTGGGAGCAGATGCTCCGCCAGAGTGTCTCCA  
GCAGGGGGCAGCCCCAGCCCCCGCTCGGCCCCCACTGGCGGCTACCGGGAGTTTGCGCAGGTGGTGAAG  
CAGGGTGGCGGGGCGGCGGGCTCCGGCCCTTCTGGGGAGGCTGGGTACAAGGCTTCTCCAGCTGCTCG  
CTGGCAGTGCCGTCTGCCCAGGGCAATCTGGGGTTGAGGCCAGCAGTGGGGAGGGGGGCTACAGGCCCTA  
TGAGAGCCCCGACCTGGAGCCCCTGCCCCGGTCCCCGTCCCCCTGTTACCTTTGGACTGGATGTGGAG  
CCACCTCACAGCCCTCAGAACTCCCTCCTGCCAGGCGGCTCCCCAGAGCTCCCTGGCCCAGAGCCGACCG  
TGAAGGGAGAGGACCCACGGAAGCCCCGTGCTTTCCGCACAGCAGGCCACAGACTCCCTCAGGGACGACCT  
GGGCAGCGGCATTTGTCTACTCGGCCCTCACCTGCCACCTTTGTGGCCACCTGAAGCAGTGTATGGCCAG  
GAGGAGCATGGCGAGGCCACACTGTGGCCAGCCCCGTGCTGTGGCTGCTGTTGTGGGGACAGGTCTCTCC  
CCCCAGTGAGCCCGTGAGGGCCCTGGACCCCCCGCCAGGTGGGGTTCCCTGGAGGCGGGCCTCTCTCT  
TGCTCCTGGGATCCTTGGGGCTCTCTGAGGAGCGCAACCCCTCCCTCTTCTTCCAGCCTGCTCCCGGC  
AATGCTCAGAGCTCGAGCCAGACCCCTCTCACGGTGGCCATGCTCTCCACAGGGCCACATGCACGAGCG  
CTTCTAGGGGCGTGCCCTCTGGTTGCTGCGGTCCACAGGTGAGGACCGGCTCTCGAAATGCCTCCCC  
CACATTTTGGGGCAGCCAGGCTGGCAGACTTCTGAAAGACTCAGAGAACCCTGGTAGGAAGCTGTGAGGT  
TGTCCAACCTGGGGCTACAGAGACTGGACCCCTTGTCTCCAGCCGTGGCCCAAGCTCCCCCATCCAC  
GGGAGTGAGCCTGCAGGGCAGCCATGCCACGGCACCTGCGGGCATCGGGAGGTCCCTGGGCAGC  
TGAGCTTGTGAACGAGCCGTTGGCCGCTTCGTTGGTGCACAGCTTCTCCAGCATGCTGTCCCTGTACGC  
CTGCCCAAGGCTTGTCTTGTCCACCTAATCTCTCTGTTACCCGAGTCTGACCCAGTCTGGGTAGCTGC  
CGCCATATCACTGGATTGGATGCTGAGCCTAGAACTGATCAAGCTCATGGGGGAATGACTTAGGAGGCC  
CCAGGAAATTAAGGGAAGTCCGGGTCCAGGAGGATAGGATTGCTTAGAGAGGCCCCGTTCTTCAACAG  
AGCTTCATCTAGCTGGCACCAGAGGCGAGGATTGCACCTGTGGTGGGTGCTTAGCCAAGTCGGGGTCACAG  
AGAAGGACATGAGAAATGTGATTAGCCGCTAGTGACAGTTTGTGTGAGGTCCCCCACAACCTGTAGGC  
CTGGGCCTCCTCTTAGGCATGGGATCCCCAGAGTGGACCTGCCAGCTACCCAGGGCCAGTTTGTGCACC  
CATGGAGAGCGTTGCTGGCAGCCATAGAGACCAGAGGGAGTGGGTACAGCCCATGACCCAGCCGAATGG  
GGCATTCCAGACAGCTGACCCGGCACGTTTGCCTGCACATGGCTCAGACCTTGGGTGAGTAACGCTTG  
TTTGTGTGTATCTCAAAGATTATTTTATCTCCTGGTATTTGTGTTTGTGAGGACGGTGGAAATGGGGGG  
TCTGGAGCTCTGTATGAATAAAGATTCTTTCTCTCAAAAAAAAAAAAAAAAAA  
>GBE0042 |Acc|AJ315379|Ver|AJ315379.1 GI:21732248|Equus caballus mRNA for acidic  
epididymal glycoprotein 1 (AEG1 gene).  
ATGATTTGCAATCTTCACAGGCTCTAGATTGTCTGATTACTATGCGTTTGTGCCCTTTGCCTGCTGTA  
AATTCCTGGATGTCTTGAAGCATTTTCTTGCAGTACTTCTTCATAGAGCAAATCTTCTCTGAGGGG  
GCTGTTGCGAGGCATTAGCACACTATCTAGCCAAAGATCTGGGTCTCATCGGGACACTGAACCTTACAAA  
TTGTGTGAACCTGGAGATGACAATGAAACACTTCTGTTTTTGGCTGCTGCTGCTGGCTTCTGCTCCT  
GTTGTGATCATAAGAGCTAAACCAGCTAGCGTTCCATATCATACGTTCTCACTGAGTTGGCAACTGTCC  
AAGAAGAAATTTACTGTACATAATACTCTCAGAAGAGGAGTAGTTCGCCAGCCAGCAACATGCTGAA  
GATGAATTTGGAGTGAAGAAGCTGCACAAAACGCCAGAAGTTGTCTGCGCAGTGTGAATTTGATGAGAGC  
AAGGCAGTTGAGAGGAGAATTACAAATACCTTTTGTGGAGAAAATATGCATCTGACATCTTATCCTATCT

CATGGTCAAATGTAATTGGAATCTGGTTCAGTGAGTCTAAATATTTCAAGTATGGGCAATGGATATCAAC  
AGATGATGAAGTAATAATTGAGCATTATACTCAGCTTGTGGGGCCACTTCTTACCTCATTGGCTGTGGG  
ATATCATCATGCTCCAAAGAAGGTCAACTCAGTATCTCTACGTTTGTCTACTGTGATGAGGGAAATG  
ATCCCGACAAAAGAAGCTGCCCTTATAATATGGGAACCTCCGTGTAAAGACTGTCCAAATGACTGTGAAGA  
TAGACTTTGTACTAACCCTGCTCTACTATGATGAATCCAATAAGTGTAAAGACACAAAAGAAGCTCTT  
GGATGTAGCCACTTGTGAGTTAACTGTTCTGCAAAGCTACTTGTCTGTGTGACACTGAGATAAAATAAC  
CTTTGTTATTGCAACTGTAATGTCTGTTGGGAAACGCTCTACTAGATTATATCTTTTACTTTACTTGC  
TTCAGTAGCTTCTGCTGAATTTCTTTGGTTTTTAATTGCACTCAAATCCTAATTTTCACTAATCATCTA  
TGGGCATCAGATATTTACATCAATGCCCCCAACTTCTGTCTGATACATCCTCATGTAAAGTCTTAACT  
TTCTTCTGCTGGAGTGAAAGATCCATTTCAACACCTTCTCATCTTTAAATGATGTGCCTTGTCTGTGCA  
TAAGTTGTCACTCACTCACTGATGATGACGGGGCCCCCAAGAACCACCTGTGCTGGGGGAGGGTCTT  
CCATGTTTAACTCCTCCTCTGCTCTCCTGTGCTCCAGCCACCTGATATTTGTCTTCCCTGCACAACT  
TAACATGCACTAGCAATTTCTTCACTTCTTAACTTTGCTTCTATTTTAGATCAATCATTAATAATCCAC  
AAAGC

>GBE0043 |Acc|AB088367|Ver|AB088367.1 GI:21907901|Equus caballus MyHC-slow mRNA for  
myosin heavy chain slow, complete cds.  
GTCACCTGCAGGCTTGAGCTTCTTTTCTGTAGACACATTTGGGAAGCCAAGGTGCAGCCATGGGGGACG  
CGGAGTTGGCTGTGTTTGGGTCCGCCGCCCATACCTGCGCAAGACAGAGAAGGAGCGGCTGGAAGACCA  
GACCAGGCTTTTCGACCTCAAGAAGGACGCTCTTCTGCTGATGACAAAGAGGAGTTGCTCAAGGCTAAG  
ATTATATCTCGAGAGGGTGGCAAAATCACTGCCGAGACTGAGCATGGCAAGACCGTGACCGTGAAGGAG  
ATCAGGTGTTGAGCAGAACCCGCCCAAGTTCGACAAGATCGAGGACATGGCCATGCTGACCTTCTGTGCA  
CGAGCCCGCTGTGCTCTACAACCTCAAGGATCGCTACGCGGCTGGATGATCTACACCTACTCCGGCCTC  
TTCTGTGTCAACATCAACCCCTACAAGTGGCTGCCGCTGTACACTGCAGAGGTGGTGGCCGCCCTACCGGG  
GCAAGAAGAGGAGCGAGGCGCCGCCACATCTTCCATCTCTGACAACGCCCTACCAGTACATGCTGAC  
AGACAGAGAAAACAGTCCATCCTGATCACCAGGAGAAATCCGGGGCAGGGAAGACGGTCAACACCAAGAGA  
GTCATCCAGTATTTTGTCTGTTATCGCCGCCATTGGGGACCGCAGCAAAAAGGATCAGACCTCAGGCAAGG  
GCACCTGGAGGACGACATCATCGAGGCCAACCCTGCCCTGGAGGCTTTGGCAATGCCAAGACCGTCAG  
GAATGATAACTCCTCCGCTTCGGGAAATTCATTCCGAATCCATTTTGGGGCGACTGGAAAGTTGGCGTCT  
GCAGACATAGAGACCTACCTTCTGGAATAATCCAGAGTTATTTTCCAGCTGAAGGCAGAGAGAGATTATC  
ACATTTTCTACCAATCCTGTCTAACAAAAACCTGAGCTGCTGGACATGCTGCTGATCACCACCAACCC  
CTATGATTATGCATTATCTCCCAAGGAGAGACCACTGTGGCCTCAATTGATGACGCTGAGGAGCTCATG  
GCCACTGATAACGCCTTTGATGTGCTGGGCTTCACTTCAGAGGAGAAGAACTCCATGTACAAGCTGACGG  
GCGCCATCATGCACTTCGGAAACATGAAGTTCAAGCAGAAGCAGCGAGAGGAGCAGGCTGAGCCAGACGG  
CACCGAAGAGGCTGACAAGTCCGCCTACCTCATGGGGCTGAACCTCAGCCGACCTGCTTAAGGGGCTGTGC  
CACCCTCGGGTGAAAGTAGGCAATGAGTATGTACCAAGGGGCAGAATGTCCAGCAGGTGGCATATGCTA  
AAGGGGCCCTGGCCAAGGCAGTGTATGAGAGGATGTTCAACTGGATGGTGGCGCGGATCAACGCCACCT  
GGAGACCAAGCAGCGCGCCAGTACTTCATAGGAGTCTGGACATCGCTGGCTTTGAGATCTTTGACTTC  
AACAGCTTTGAGCAGCTCTGCATCAACTTCACCAACGAGAAGCTGCAGCAGTTCTTCAACCACCATGT  
TCGTGCTGGAGCAGGAGGATACAAGAAGGAGGCGATCGAGTGGGAGTTTCATCGACTTCGGCATGGACCT  
GCAGGCTGCATCGACCTCATCGAGAAGCCCATGGGCTCATGTCCATCCTGGAAGAGGAGTGCATGTTT  
CCCAAGGCCACCGACATGACGTTCAAGGCCAAGCTGTTTGACAACCACCTGGGAAAGTCCAGCAACTTCC  
AGAAGCCACGCAATATCAAGGGGAAGCCAGAAGCCCACTTCTCCCTGATCCACTACGCTGGCACTGTGGA  
CTACAACATCCTAGGCTGGCTGCAGAAGAACAAGATCCACTCAATGAGACCGTGGTGGATTTATACAAG  
AAGTCCCTCCCTTAAGATGCTCAGCAACCTGTTTGCCAACTATCTTGGGGCTGATGCACCTATTGAGAAGG  
GCAAAGGCAAGGCCAAGAAAGGCTCATCTTTCAAGCCGTGTGAGCTCTGCACAGGGGAAATCTGAACAA  
GCTGATGACCAACTTGGCGCTCCACACATCCCCACTTCGTGCGTTGCATCATCCCCAATGAGACAAAGTCT  
CCAGGGGTGATAGACAACCCCTGGTCTATGCACAGCTGCGCTGCAACGGCGTGTGGAAGGCATCCGCA  
TCTGCAGGAAGGGCTTCCCTAACCGCATCTTACGGGACTTCCGGCAGAGGTATCGCATCTTGAACCC  
AGCGGCCATCCCCGAGGGCCAGTTCATTGACAGCAGGAAAGGAGCAGAGAAGCTGCTGAGCTCTCTGGAC  
ATTGACCACAACCAAGTATAGGTTTCGCGCCACCAAGGTGTTCTTCAAGGCAGGGCTGCTGGGGCTGCTGG  
AGGAGATGCGAGATGAGAGGCTGAGCCGAATCATCACCGCATCCAGGCCAGTCCCGGGGTGTGCTCGC  
CAGAAATGGAATTCAAGAAGCTGTTTGAACGCAGAGACTCCCTGCTGATAATCCAGTGGAACATTCGGGCC  
TTCATGGGGGTCAAGAACTGGCCCTGGATGAAGCTCTACTTCAAGATCAAGCCTCTGCTGAAGAGCGCAG  
AGACAGAGAAGGAGATGGCCACCATGAAGGAGGAGTTTGCAGCGCTCAAGAGGGCGCTGGAGAGTCTGA  
GGCTCGCCGCAAGGAGCTGGAGGAGAAGATGGTGTCCCTGCTGCAGGAGAAGAATGACCTACAGCTCCAA  
GTGCGAGCGGAATCAAGCAACCTGGCGGATGCAGAGGAGCGCTGCGACCAAGCTGATCAAGAACAAGATCC  
AGCTGGAGGCCAAGGTGAAGGAGATGACTGAGAGGCTGGAGGATGAGGAGGAGATGAATGCCGAGCTCAC

TGCCAAGAAGCGCAAGCTGGAAGATGAGTGCTCTGAACTCAAAGGGACATTGATGACCTGGAGCTGACA  
 CTGGCCAAGGTGGAGAAGGAGAAGCATGCAACAGAGAACAAGGTGAAGAACCTGACAGAGGAGATGGCTG  
 GGCTGGATGAGATCATCGCCAAGCTGACCAAGGAGAAGAAAGCTCTGCAAGAGGCCACCAGCAGGCCCT  
 GGATGACCTCCAGGCTGAAGAGGACAAGGTCAACACCTGACCAAGGCCAAGGTCAAGCTGGAGCAGCAC  
 GTGGACGATCTGGAGGGATCCCTGGAGCAGGAGAAGAAAGTGCGCATGGACCTGGAGCGAGCTAAGCGGA  
 AGCTGGAGGGTGACCTGAAGCTGACTCAGGAGAGCATCATGGACCTGGAGAACGACAAGCAGCAGCTGGA  
 TGAGAGGCTGAAAAAGAAGGACTTTGAGCTGAACGCCCTCAATGCAAGGATTGAGGATGAGCAGGCTCTG  
 GGCAGCCAGCTGCAGAAGAAGCTCAAAGAGCTTCAGGCACGCATTGAGGAGCTGGAGGAGGAGCTGGAGG  
 CCGAGCGCACCGCCAGGGCCAAGGTGGAGAAGCTGCGCTCAGACCTGTCCCGGGAGCTGGAGGAGATCAG  
 CGAGCGGCTGGAAGAGGCTGGCGGGGCCACATCCGTGCGATCGAGATGAACAAGAAGCGTGAGGCCGAG  
 TTCCAGAAGATGAAGCGGGACCTGGAGGAGGCCACGCTGCAGCACGAGGCCACGGCGGGCGGCCCTGCGCA  
 AGAAGCACGCCGACAGCGTGGCTGAGCTGGCGGAGCAGATCGACAATCTGCAGCGCTGAAGCAGAGCTG  
 GGAGAAGGAGAAGAGTGAGTTCAAGCTGGAGCTGGACGACGTCACCTCCAACATGGAGCAGATCATCAAG  
 GCCAAGGCCAACCTGGAGAAGATGTGTGGACCTTGGAGAGCCAGATGAATGAGCACCGGAGCAAGGCCG  
 AGGAGACCCAGCGTTCTGTCAACGACCTCACCAGCCAGCGGGCCAAGCTGCAGACTGAGAATGGTGAGCT  
 GTCTCGGCAGCTGGATGAGAAGGAGGCACTGATCTCCAGCTGACCCGAGGCAAACTCACCTACCCAG  
 CAGCTGGAGGACCTCAAGAGGAGCTGGAGGAGGAGGTTAAGGCAAAGAACGCCCTGGCTCACGCGCTGC  
 AGTCAGCCAGGACGACTGTGACCTGCTGCGGGAGCAGTACGAGGAGGAGACAGAGGCCAAGGCGGAGCT  
 GCAGCGCTCTCTCCAAGGCCAACTCAGAGGTGGCCAGTGGAGGACCAAGTATGAGACAGACGCCATC  
 CAGAGGACCGAGGAGCTCGAGGAGGCCAAGAAGAAGCTGGCGCAGCGGCTGCAGAATGAGATCGAGGA  
 TGGAGGCCGTCAATGCCAAGTGTCTGTCTTGGAGAGACCAAGCACCGGCTGCAGAATGAGATCGAGGA  
 CCTGATGGTGGATGTGGAGCGCTCCAACGCGGCCGCCGCGGCCCTGGACAGAAGCAGAGGAACCTCGAC  
 AAGATCCTGGCCGAGTGGAGAGCAGAAAGTACGAGGAGTCCGAGTCCGAGCTGGAGTCCCTCGCAGAAGGAGG  
 CGCGCTCCCTCAGCACCGAGCTCTTCAAGCTCAAGAACGCCTATGAGGAGTCCCTGGAGCACCTGGAGAC  
 CTTCAAGCGGGAGAACAAGAACCTCCAGGAGGAGATCTCCGACCTCACTGAGCAGTTGGGTTCCAGCGGA  
 AAGACCATCCAGAGCTGGAGAAGGTCCGCAAGCAGCTGGAGGCCGAGAAGCTGGAGCTGCAGTCCGCCC  
 TGGAGGAGGCCGAGGCCCTCCCTGGAACACGAGGAGGGCAAGATCCTCCGTGCACAGCTGGAGTTCAACCA  
 GATCAAGGCAGAGATCGAGCGGAAGCTGGCAGAGAAGGACGAGGAGATGGAGCAGGCCAAGCGCAACCAC  
 CTGCGGGTGGTGGACTCGTGCAGACCTCCCTGGACGCGGAGACGCGCAGCCGCAACGAGGCGCTGCGGG  
 TGAAGAAGAAGATGGAGGGCGACCTCAACGAGATGGAGATCCAGCTCAGCCATGCCAACCGCATGGCTGC  
 AGAGGCCCAAGAAGCAAGTCAAGAGCCTCCAGAGCTTACTGAAGGACACCCAGATCCAGCTGGATGACGCG  
 GTCCGTGCCAACGATGACCTGAAGGAGAATATCGCCATCGTGGAGCGGCCCAACAACCTACTGAGGCTG  
 AGCTGGAGGAGCTGCGGGCCGTGGTGGAGCAGACAGAGCGGTCTCGGAAGCTGGCTGAGCAGGAGCTGAT  
 CGAGACCAGCGAGCGGCTGCAGCTGCTGCACTCCAGAACACCAGCCTCATCAACCAGAAGAAGAGATG  
 GACGACAGCTGCTCCGACTTCAGACTGAAGTGGAGGAGGAGTGCAGGAGTGCAGGAGTGCAGGAGTGCAGGAGGAG  
 AGGCCAAGAAGGCCATCACGGACGCTGCCATGATGGCGGAGGAGCTGAAGAAGGAGCAGGACACCAGCGC  
 CCACCTGGAGCGCATGAAGAAGAACATGGAGCAGACCATTAAGGACCTGCAGCACCGGCTGGACGAGGCG  
 GAGCAGATCGCCCTCAAGGGCGGCAAGAAGCAGCTGCAGAAGCTGGAGGCCCGGGTGGCGGAGCTGGAGA  
 ATGAGCTGGAGGTTGAGCAGAAGCGCAATGCGAGTCCATCAAGGGCATGAGGAAGAGTGAGCGGCGCAT  
 CAAGGAGCTCACCTACCAGACGAGGAGGAGCAGGAAGAACCTGCTGCGGCTGCAGGACCTGGTGGATAAG  
 CTGCAGCTGAAGGTCAAGGCATACAAGCGCCAGGCCGAGGAGGCGGAGGAACAGGCCAACACCAACCTGT  
 CCAAGTTCGCGCAAGGTGCAGCACGAGCTGGATGAGGCAGAGGAGCGGGCGGACATCGCCGAGTCCAGGT  
 CAACAAGCTGCGGGCCAAGAGCCGCGACATCGGCACCAAGGGCTTGAATGAGGAGTAGCTGTGCCACATC  
 TTCTTGACCTGCCAGTCTTGAGGGTGCCAATGGAGTTCCAGTCCCGGAACGCAAATTGCAGGCCCTTTG  
 GAGGAAGCAGAATAAAGCAATTTCTTGAAGT  
 >GBE0044 |Acc|AB088366|Ver|AB088366.1 GI:21907899|Equus caballus MyHC-2x mRNA for myosin  
 heavy chain 2x, complete cds.  
 CACTTCAAGGCCGATCTCTAAGGCAGGGTCTTTGACTGGGCCCTCCATCAATAACCCGAGCCATGAGTT  
 CAGACCAGGAAATGGCTATATTTGGGGAGGCTGCTCCTTACCTCCGAAAGTCTGAAAAGGAGCGAATTGA  
 AGCCCAGAATAAGCCTTTTCGATGCCAAGACATCAGTTTGTGGCTGACCTTAAGGAGTCTTTGTGAAA  
 GCAACAGTGACAGAGCAGGGAAGGGAAGGTGACAGCCAAAGACTGAAGCTGGAGCTACAGTAACTGTGA  
 AAGAAGACCAATGCTTCCCCATGAACCCTCCCAATATGACAAGATCGAGGACATGGCCATGATGATCA  
 CCTGCATGAGCCTGCTGTGTGTACAACCTCAAAGAGCGCTACGCAGCCTGGATGATCTACACCTACTCA  
 GGTCTTTTCTGTGTACCCGTCACCCCTACAAGTGGTTGCCAGTGTACAACGCCGAGGTGGTGACGGCCT  
 ACCGAGGCCAAAAGCGCCAGGAGGCCCGCCCATCTTCTCCATCTTGACAACGCCCTATCAGTTTAT  
 GCTGACTGATCGGGAGAATCAGTCTATCTTAATCACTGGAGAATCTGGTGCCGGGAAGACTGTGAATACC  
 AAGCGTGCATCCAGTACTTTGCAACAATTGCACTTACTGGGGAGAAGAAGAAGGAGGAACCTACTTCCG

GCAAAATGCAGGGGACTCTGGAAGATCAGATCATCAGTGCCAAACCCCTACTGGAGGCCTTTGGCAACGC  
CAAGACCGTGAGGAATGACAACTCCTCTCGCTTTGGTAAATTCATCAGGATCCACTTCGGTACCACAGGG  
AAACTGGCTTCTGCTGATATTGAAACATATCTTCTGGAGAAGTCTAGAGTTACTTTCCAGCTAAAGGCGG  
AAAGAAGCTACCACATTTTATCAGATCATGTCTAACAAGAAGCCAGATCTAATTGAAATGCTCCTGAT  
CACCACCAACCCGTATGACTATGCCTTTGTCTAGTCAAGGGGAGATCAGAGTCCCCAGCATTTGATGACCAA  
GAAGAGTTGATGGCCACAGATAGTGCCATTGAGATCTTGGGCTTCACTTCTGATGAAAGAGTGTCCATCT  
ATAAGCTCACAGGGGAGTAATGCATTACGGGAACCTGAAATTCAGCAGAAGCAGCGTGAGGAGCAAGC  
TGAGCCAGATGGCACTGAAGTTGCTGACAAGGCTGCCTATCTTCAGGGTCTGAACTCTGCTGACCTGCTC  
AAAGCTCTCTGCTACCCAGGGTCAAGGTCGGCAATGAGTTCGTCACCAAAGGCCAGACTGTAGAACAGG  
TGTACAATGCGGTGGGTGCTCTGGCCAAAGCCGTCTACGATAAGATGTTCTCTGGATGGTGGCCGCAT  
CAACCAGCAGCTGGACACCAAGCAGCCAGGCAGTACTTCATCGGGGTCTTGGACATCGCTGGCTTTGAG  
ATCTTTGATTTCAACAGCCTGGAGCAGCTGTGCATCAACTTCACCAACGAGAACTGCAACAGTTTTTCA  
ACCACCACATGTTCTGCTGGAGCAGGAGGAGTACAAGAAGGAAGGCATCGAGTGGGAGTTTCATCGACTT  
CGGCATGGACCTTGGCTGCCTGCATTGAGCTCATCGAGAAGCCGATGGGCATCTTCTCCATCCTGGAAGAG  
GAGTGCATGTTCCCAAGGCCACAGACACCTCCTTCAAGAACAAGCTGTATGAACAGCATCTTGGAAAGT  
CCAACAATTTCCAGAAGCCTAAACCTGTCAAAGGCAAGCCTGAGGCCCACTTCTCCCTGATTCACTACGC  
CGGCACTGTGGACTACACATTACTGGCTGGCTTGACAAGAACAAGGACCCCTGAATGAGACCGTGGTC  
GGGCTGTACCAGAAGTCTTCACTGAAGACTCTGGCTTTGCTCTTCTCTGGGCCAGCAAGTGTGATGCGG  
AGGCTGGTGGAAAGAGGAGGCAAGAAGAAGGGTCTTCTTTCCAGACCGTGTCTGCGCTCTTCAGGGA  
GAATTTGAATAAGCTGATGACCAACCTGAGGAGCACTCACCTTCACTTGTACGGTGCATCATCCCCAAT  
GAAACCAAACTCCTGGTGCCATGGAGCATGAACCTGTCTGCTGCACCAAGCTGAGGTGCAATGGTGTGCTGG  
AAGGCATCCGCATCTGCAGAAAGGGATTCCCAAGCAGGATCCTTTATGCAGACTTCAAACAGAGATACAA  
GGTATTAAATGCAAGTGTATCCTTGAAGGACAAATTCATCGATAGCAAGAAGGCGTCTGAGAAGCTCCTT  
GGGTCCATTGACATTGACCACACCCAGTACAAATTTGGTCACACCAAGGTCTTCTTCAAAGCTGGTCTCC  
TGGGGCTCCTAGAGGAGATGCGAGATGACAAGCTGGCCAGATAATTACCCGAACCCAGGCCAGGTGCGAG  
AGGGTCTTGGCAAGAGTGGAGTACCAGAGGATGGTGGAGAGAAGAGAGTCCATCTTCTGCATCCAGTAC  
AATGTCCTGCTTTCATGAACGTGAAGCACTGGCCCTGGATGAAGCTGTATTTCAAGATCAAGCCCCCTCC  
TCAAGAGTGCAGAGACAGAGAAAGAGATGGCCAACATGAAGGAAGAATTCGAGAAGACCAAGAAAGCCT  
TGCAAAAGCTGAGGCCAAAGAAAAGAGCTGGAAGAAAAAATGGTAGCTCTGATGCAAGAGAAAAACGAC  
TGCAAACTTCAGGTTCAAGCTGAAGCAGACAGTTTGGCTGATGCAGAGGAAAGATGTGACCAGCTGATTA  
AAACCAAAATCCAGTGGAGGCCAAAATCAAGGAGCGCACTGAGAGAGCTGAGGATGAGGAAGAGATCAA  
CGCTGAGCTGACGGCCAAAGAGAGGAAACTGGAGGACGAATGCTCAGAGCTCAAGAAGGACATTGATGAC  
CTTGAGCTGACACTGGCCAGGTGAAAAGGAGAAACATGCCACAGAAAATAAGGTGAAAACCTCACAG  
AGGAGATGGCAGGCCAGGACGAAACCATCGCTAAGCTGACCAAGGAGAAGAAGGCCCTCCAAGAGGCCCA  
CCAGCAGACCTTGGATGCACTGCAAGGAGGAGCAAGGTCACACTCTGACCAAGCTAAAACCAAG  
CTAGAGCAGCAAGTGGATGATCTTGAAGGATCTCTAGAGCAAGAAAAGAACTTCGAATGGATCTAGAAA  
GAGCAAGAGGAACTGGAGGGTGACCTAAAATTTGGCCCAAGAATCCACAATGGACATAGAAAATGACAA  
ACAGCAACTTGATGAAAACTGAAAAAGAAAGAGTTTGAATGAGCAATCTGCAAGCAAGATTGAAGAT  
GAGCAGGCCCTTGCATGTCAGCTGCAGAAGAAGTCAAGGAGTTACAGGCCCGCATCGAGGAGCTGGAGG  
AGGAAATCGAGGCAGAGCGCGCTCCCGGGCCAAAGCAGAGAAGCAGCGCTCCGACCTCTCCCGGGAAGT  
GGAGGAGATCAGCGAGAGGCTCGAAGAAGCCGGTGGGGCGACTTCAGCCAGATTGAGATGAACAAGAAG  
CGGGAGGCTGAGTTCCAGAAAATGCGCAGGGACCTGGAGGAGGCCACCTGCAGCATGAAGCCACGGCGG  
CCGCTCTGCGGAAGAAGCACGCGGACAGTGTGGCAGAGCTCGGGGAGCAGATAGACAACCTGCAGAGAGT  
CAAGCAGAACTGGAGAAGGAGAAGAGCGAAATGAAGATGGAGATTGACGACCTGGCGAGCAACATGGAG  
ACTGTCTCCAAAGCCAAGGGCAACCTTGAAAAGATGTGCCGCACCTTGAAGATCAACTGAGTGAACCTTA  
AGAGCAAGAGGAAGAGCAGCAGAGGCTGGTCAATGACCTGACGGGCCAGAGAGCGCGCTGCAGACAGA  
AGCAGGTGAATGATTACGCGCAGCTAGATGAAAAGGACTCATTAGTTTCTCAGCTCTCAAGGGGCAAAACA  
GCATTACACAACAGATTGAGGAAGTGAAGAGGAGCTTGAAGAGGAGATAAAGGCCAAGAGTGCCCTGG  
CCCATGCCCTGCAGTCAGCCCGCCATGATTGTGACCTGCTGCGGGAACAGTACGAGGAGGAGCAGGAAGC  
CAAGGCCGAGCTGCAGAGGGCAATGTCCAAGGCCAACAGTGAGGTTGCCAGTGGAGGACCAAGTACGAG  
ACGGACCGCATGACGCGCAGGAGGAGCTGGAGGAGGCCAAGAAGAAGCTGAGCTCAGCGGCTGCAAGATG  
CTGAGGAACACGTAGAAGCTGTGAATGCCAAATGTGCTTCCCTTGAAGAAGCAAGCAGCGGCTCCAGAA  
TGAAGTGGAGGACCTCATGATTGATGTTGAGAGAACCAATGCTGCCTGTGACGCCCTGGACAAAAGCAA  
AGGAACCTCGATAAGATCCTGTGAGAATGGAAGCACAAGTGAAGAACTCATGCTGAACCTTGAAGCTT  
CCCAAAAGGAGTCCAGGTCAGTACAGCAGAGCTGTTCAAGGTTAAGAATGCTTATGAGGAATCCTTAGA  
CCAACCTTGAACCTTGAAGCGGGAATAAGAATTTGCAACAGGAGATTTCTGATCTCACTGAGCAGATT  
GCAGAAGGAGGGAAGCGTATCCATGAACCTGGAAGAAAGTAAAGAAGCAAAATGAGCAAGAAAAGTCTGAAA

TTCAGGCTGCTTTAGAAGAAGCAGAGGCATCTCTTGAACACGAAGAGGGGAAAGATCCTGCGCATCCAACT  
 GGAGTTGAACCAAGTCAAGTCTGAAATTGATAGGAAAATTGCTGAAAAGGATGAGGAAATTGACCAGCTG  
 AAGAGAAACCATGTGAGAGTTGTGGAGACGATGCAGACCATGCTGGATGCTGAGATCAGGAGCCGGAATG  
 ATGCCATCAGGATCAAGAAGAAGATGGAGGGAGACCTCAATGAAATGGAAATCCAGCTGAACCACGCCAA  
 CCGCATGGCTGCAGAGGCCCTGAGGAACACAGGAACACTCAAGGCATCCTCAAGGACACCCAGCTGCAC  
 CTGGATGATGCTCTCCGGGGCCAGGAGGACCTGAAGGAGCAGCTGGCCATGGTGGAGCGCAGAGCCAACC  
 TGCTGCAGGCCGAGATCGAGGAGCTGCGGGCCACTCTGGAGCAGACCCGAGAGGAGCAGGAAAATCGCAGA  
 ACAGGAGCTCCTGGATGCCAGTGAGCGCGTCCAGCTCCTGCACACCCAGAACACCAGCCTGATCAACACC  
 AAGAAGAAGCTGGAGACAGACATTTCCAGCTGCAGGGAGAGATGGAAGATATCGTCCAGGAAGCTCACA  
 ATGCAGAAGAGAAGGCCAAGAAGGCCATCACTGATGCGGCCATGATGGCTGAGGAGCTGAAGAAGGAGCA  
 GGACACCAGCGCCACCTGGAGCGGATGAAGAAGATCTGGAGCAGACGGTGAAGGACCTGCAGCACCGT  
 CTGGATGAGGCCGAGCAGCTGGCCCTGAAGGGTGGGAAGAAGCAGATCCAGAACTGGAGGCCAGGGTAC  
 GTGACCTTGAAGGAGAAGTTGAAAGTGAAACAGAAGCGCAATGTTGAGGCTGTCAAGGGTCTGCGCAAACA  
 TGAGAGAAGAGTAAAGGAACCTACTTACCAGACTGAGGAAGACCGCAAGAATATACTCAGGCTCCAGGAT  
 CTGGTGGATAAACTGCAATCAAGGTGAAAGCTTACAAGAGCAAGCTGAGGAAGCGGAGGAACAGTCCA  
 ATGTCAATCTCTCAAATTTCCGCAAGATCCAGCAGAGCTGGAGGAGGCCGAGGAACGGGCTGACATCGC  
 CGAGTCCAGGTCAACAAGCTGCGGGTGAAGAGCCGGGAGGTTACACAAAAATCATTAGTGAAGAGTAA  
 TTCATCCAAATGCTAAAAGTGACCAAAGAAATGCACAAAATGTGAAGTTCTTTGTCACTCTATTTGTAC  
 TTAAGATTTTTCAGATAAAAAATTTATCAGC  
 >GBE0045 |Acc|AB088365|Ver|AB088365.1 GI:21907897|Equus caballus MyHC-2a mRNA for myosin  
 heavy chain 2a, complete cds.  
 GCTTGCTAACAAGGACCTCTGAGTTCAGCAGCCATGAGTTCAGACCAAGAAATGGCTATATTTGGGG  
 AGGCTGCTCCCTACCTCCGAAAGTCTGAAAAGGAGCGCATTTGAGGCCCAGAATAGGCCCTTTGACGCCAA  
 GACATCTGTCTTTGTGGCGGAGCCCAAGGAATCCTTTGTCAAAGGGACCATCCAGAGCAGAGAAGGGGGG  
 AAAGTGACGGTGAAAACCGATGCAGGGGCGACTCTGACAGTGAAAGAAGACCAAGTCTTCCCATGAACC  
 CTCCCAAATATGACAAGATCGAGGACATGCCATGATGACTCACCTGCATGAGCCTGCTGTGCTGTACAA  
 CCTCAAAGAGCGCTACCGCAGCTGGATGATCTACACCTACTCGGGCCTCTCTGTGTACCGTCAACCCC  
 TACAAGTGGCTGCCGGTGTATAACCCCGAGGTGGTGACGGCCTACCGAGGCAAAAGCGCCAGGAGGCC  
 CGCCCCACATCTTCTCCATCTCTGACAACGCCATCAGTTTCATGCTGACTGACCGAGAGAATCAGTCAAT  
 CCTGATCACTGGAGAATCTGGTGCCGGGAAGACTGTGAACACCAAGCGTGTATCCAGTACTTTGCAACA  
 ATTGCAGTTACTGGGGAGAAGAAGAAGGAGGAACCTGGCAAAATGCAGGGGACTCTGGAAGATCAGATCA  
 TCAGTGCCAACCCCTACTGGAGGCCTTTGGCAACGCCAAGACCGTGAGGAATGACAACCTCCTCTCGCTT  
 TGGTAAATTCATTAGAATCCACTTTGGCACTACAGGAAAACCTGGCTTCTGCTGATATTGAAACATATCTG  
 TTAGAGAAGTCTAGACTTACTTTCCAGCTTAAGGCTGAAAGGAGCTATCATATTTTCTATCAGATCAGAT  
 CAAACAGGAAACAGAACTTAATTGAAATGCTTCTGATCACCACCAACCCATATGATTACCCATACGTGAG  
 TCAAGGGGAGATCAGTGTGGCCAGCATTGATGATCAGGAAGAATTGATAGCCACAGATAGTGCTATTGAC  
 ATTTTGGGCTTTACTAATGATGAAAAGGTCTCCATTTACAAGCTCACGGGGGCTGTAATGCATTATGGGA  
 ATCTGAAATTCAGCAAAAGCAGCGTGAGGAGCAGGCAGAGCCAGATGGCACTGAAGTTGCTGACAAGGC  
 AGCCTATCTCCAGGGTCTAACTCTGCTGACCTGCTCAAAGCCCTCTGCTACCCAGGGTCAAGGTGCGG  
 AATGAGTTTCGTACCAAAAGGCCAGACTGTAGAGCAGGTGACCAATGCGGTGGGTGCCCTGGCTAAAGCTG  
 TCTACGATAAGATGTTCCCTGTTGATGGTTCGCCCCGATCAACCAGCAGCTGGACACCAAGCAGCCAGGCA  
 GTACTTCATCGGGGCTTTGGACATCGCTGGCTTTGAGATCTTTGATTTCAACAGCCTGGAGCAGCTGTGC  
 ATCAACTTCACCAACGAGAACTGCAACAGTTTTCACCAACCACATGTTTCGTGCTGGAGCAGGAGAGT  
 ACAAGAAGGAGGGCATCGAGTGGACGTTTCATCGACTTCGGCATGGACCTGGCTGCCTGCATTGAGCTCAT  
 CGAGAAGCCGATGGGCATCTTCTCCATCCTGGAAGAGGAGTGCATGTTCCCAAGGCCACAGACACCTCC  
 TTCAAGAACAAGCTGTATGAACAGCATCTTGGAAGCTCCAGCAATTTCCAGAAGCCCAAGGTTGTCAAGG  
 GCAAGCTGAGGCCACCTTCTCCCTGATTCACTACGCTGGTGTGTGTGGACTACAACATTAAGTGGCT  
 TGACAAGAACAAGGACCCCTGAATGAGACCGTGGTGGGCTGTACCAGAAGTCTTCAGTGAAAACCTCTG  
 GCTTTGCTCTTCTCTGGGCTCAAACCTGCTGATGCAGAGGCAGGTGGTGTCAAGAAAGGTGGTAAAGA  
 AGGGTCTCTTCTTCCAGACCGTGTCTGCCCCCTTCAGGGAGAATCTGAACAAGCTGATGACCAACCTGAG  
 AGTATCCCATCCTCATTTTGTGCGGTGATCATCCCCAATGAAACAAAACTCCTGGTGCCATGGAGCAT  
 GAAGTGTCTGCTGACAGCTGAGGTGCAATGGTGTGCTGGAAGGCATCCGCATCTGCAGGAAGGGATTCC  
 CAAGCAGGATCCTTTACGAGACTTCAAACAGAGATACAAGGTATTAATGCAAGTGTATCCTGAAGG  
 ACAATTCATCGATAGCAAGAAGGCTTCTGAGAAGCTCCTTGATCCATCGACATTGACCACACCCAGTAC  
 AAATTCGGTCAACACAAAGGTCTTCTCAAAGCTGGTCTCCTGGGGCTCCTAGAGGAGATGCGAGATGACA  
 AGCTGGCCAGATAATTACCCGAACCCAGGCCAGGTGCAGAGGGTCTTTGGCAAGAGTAGAGTACCAGAA  
 GATGGTGGAGAGAAGGGAGTCCATCTTCTGTATCCAGTACAACATCCGAGCCTTCATGAACGTCAAGCAC

TGGCCCTGGATGAAACTGTTCTTCAGGATCAAGCCTCTGCTGAAGAGTGCAGAGACTGAGAAGGAGATGG  
 CCACCATGAAGGAGGAGTTTCAGAAAACCAAGACGAACTCGCCAAGTCAGAGGCCAAAAGGAAAGAACT  
 GGAAGAAAAGATGGTCTCACTGTTGAAAGAAAAAACGACTTGCAGCTCCAAGTTCAGTCTGAAGCTGAA  
 GGCTTGGCTGATGCAGAGGAAAGATGTGACCAGCTGATTAAAACCAAAATCCAGCTGGAGGCCAAAATCA  
 AGGAGGTGACTGAGAGAGCAGAGGATGAGGAAGAGATCAACGCTGAGCTGACGGCCAAGAAGAGGAACT  
 GGAGGACGAATGCTCAGAGCTCAAGAAGGACATTGATGACCTTGAGCTGACACTGGCCAAGGTTGAAAAG  
 GAGAAACATGCCACAGAAAATAAGGTGAAAAACCTCACAGAGGAGATGGCAGGCCTGGACGAAACCATCG  
 CTAAGCTGACCAAGGAGAAGAAGGCCCTCCAAGAGGCCACCAGCAGACCCTGGATGACCTGCAGGCAGA  
 AGAGGACAAAGTCAACACCCTGACCAAAGCTAAAACCAAGCTAGAGCAGCAAGTGGATGATCTTGAAGGG  
 TCTTTGAGCAAGAAAAGAACTTCGCATGGACCTAGAAAAGGGCTAAGAGGAACTTGAAGGTGACCTCA  
 AGTTGGCCCAAGAGTCCATAATGGACATTGAAATGAAAAACAACACTTGATGAAAAGCTCAAAAAGAA  
 AGAGTTTGAAATTGGCAATCTGCAAGCAAGATTGAAGATGAGCAAGCACTTGGCATTCAACTGCAGAAAG  
 AAGATAAAGAGTTGCAAGCCGCATCGAGGAGCTGGAGGAGGAAATCGAGGCAGAGCGCGCCTCCCGGG  
 CCAAAGCAGAGAAGCAGCGCTCCGACCTCTCCCGGGAAGCTGGAGGAGATCAGCGAGAGGCTCGAAGAAGC  
 CGGTGGGGCGACTTCAGCCAGATTGAGATGAACAAGACGGGAGGCTGAGTTCAGAAAATGCGCAGG  
 GACCTGGAGGAGGCCACCCTGCAGCATGAAGCCACGGCGCGCTCTGCGGAAGAAGCACGCGGACAGTG  
 TGGCCGAGCTAGGGGAGCAGATAGACAACCTGCAGAGGGTCAAGCAGAAACTGGAGAAGGAGAAGAGCGA  
 AATGAAGATGGAATCGACGACCTCGCTAGTAATGTAGAAACAGTCTCTAAAGCCAAGGGAAACCTGGAG  
 AAAATGTGCCGCACACTGGAGGACCAAGTGAAGTGAAGTGAATCGAAGGAAGAGGAGCAGCAGCGACTGA  
 TCAACGACCTGACAGCCCGAGGGGACGCTTGCAGACGGAAGCTGGTGAATTTTCACGTCAACTAGATGA  
 AAAAGAAGCACTGGTGTCTCAGTTATCAAGGGGCAACAAGCATTCTACTCAGCAGATTGAGGAATTAAG  
 AGACAACCTGAAGAGGAGATAAAGGCCAAGAACGCGCTGGCCACGCGCTGCAGTCTCCCGCCACGACT  
 GTGACCTCCTGCGGGAACAGTACGAGGAGGAGCAGGAATCCAAGGCCGAGCTGCAGAGGGCGCTGTCCAA  
 GGCCAAACAGCAGGTTGCCCAAGTGGAGGACCAAGTACGAGACGGAAGCTGGTGAATTTTCACGTCAACTAGATGA  
 GAGGAGGCCAAGAAGAAGCTGGCCAGCGGCTGCAGGCTGCTGAGGAACACGTAGAAGCCGTCAATGCCA  
 AATGTGCGTCCCTTGAGAGACCAAGCAGCGGTTACAGAATGAGGTGAGGACCTCATGCTGGATGTTGA  
 GAGAACCACGCTGCTGTGCGCCCTGGACAAAAAGCAAAGGAACCTCGATAAGATCCTGGCAGAATGG  
 AAACAGAAGTATGAGGAACTCATGCTGAGCTTGAGGCTCCAGAGGAGGCGCTTCTCTTGGCACCG  
 AGCTGTTCAAGATGAAGAATGCCTATGAGGAATCCTTGGACCAGCTAGAAAACCTTGAACGAGAGAACAA  
 AAACCTTACAGCAGGAGATTTCTGACCTCACGGAGCAGATTGCAGAAGGAGGGAACGTATCCATGAAGTGA  
 GAGAAAATAAAGAAACAAGTGAACAAGAAGTCTGAAGTGCAGGCTGCTTTAGAGGAAGCAGAGGCAT  
 CTCTTGAACATGAAGAGGGAAGATCCTGCGCATCGCAGTGGAGTTGAACCAAGTCAAGTCTGAATTTGA  
 TAGGAAAATTGCTGAAAAGGATGAGGAATTTGACCAGCTGAAGAGAAACCATGTGAGATTGTGGAGACG  
 ATGCAGACCATGCTGGATGCTGAGATCAGGAGCAGGAATGATGCCATCAGGATCAAGAAGAAGATGGAGG  
 GAGACCTCAATGAAGATCCAGTGAACACGCCAACCAGCATGGCTGCAGAGGCCCTGAGGAACCTA  
 CAGGAACACTCAAGGCATCCTCAAGGACACCAAGTGCACCTGGATGACGCTCTCCGGGGCCAGGAGAC  
 CTGAAGGAGCAGCTGGCCATGGTGGAGCGCAGAGCCAACCTGCTGCAGGCCGAGATCGAGGAGCTGCGGG  
 CCACTCTGGAGCAGACCGAGAGGAGCAGGAAAATCGCAGAACAGGAGCTCCTGGATGCCAGTGAAGCGCT  
 CCAGCTCCTGCACACCCAGAACACCAAGCTGATCAACCAAGAAGAAGCTGGAGACAGACATTTCCCAA  
 CTGCAGGGAGAGATGGAGGACATTCTCAGGAAGCTCGCAATGCAGAAGAGAAGGCCAAGAAGGCCATCA  
 CTGATGCAGCCATGATGGCTGAGGAGCTGAAGAAGGAGCAGGACACCAGCGCCACCTGGAGCGGATGAA  
 GAAGAATCTGGAGCAGACGCTGAAGGACCTGCAGCAGCGTCTGGATGAGGCCGAGCAGCTGGCCCTGAAG  
 GGTGGGAAGAAGCAGATCCAGAACTGGAGGCCAGGGTGCCTGAGCTGGAAGGGGAGGTTGAGAGTGAGC  
 AAAAGCGTAGTGCTGAAGCTATCAAAGGTCTGCGCAAAACATGAGAGGAGAGTGAAGGAACCTCACCTACCA  
 GACAGAAGAAGATCGAAAAATATTCTCAGGCTTCAGGATTTGGTCGATAAACTTCAGGCAAAAGTGAAA  
 TCCTACAAGCGACAAGCTGAGGAGGCTGAGGAACAATCCAATACAAATCTATCTAAATTCGCGAAGCTCC  
 AGCATGAGCTGGAGGAGGCGGAGGAACGGGCTGACATTGCTGAGTCCAGGTCACAAAGCTGCGGGTGAA  
 GAGCCGGGAGGTTTCATACAAAAATCATAAGTGAAGATGATCATGCCTTCACGCTATGGAATGACTGAAG  
 AGAGGCACAGAATGTGAAGTCTTTGGTCATTTCTGTCTGTAATTACTGTCTATTCCACCCTACTGCAAG  
 GAAATAAAGAGCATAAGGTACTTTGCAAAAC  
 >GBE0046 |Acc|AY114351|Ver|AY114351.1 GI:21747886|Equus caballus granulocyte chemotactic  
 protein 2 (GCP2) mRNA, complete cds.  
 CATTCGGCACGAGCTGCTCTTGTCTCCTGGTCCCGCGCCCTCTCGCCGCGCTCTCTTCGCGCTATGAGC  
 CTCTTGGCCAGCCGCGCGCCCGCGCTCCCGGCCCTTCAAGCTCGCTGTGCGCGCTGCTCGCGCTGCTGTC  
 TGCTGACGCTCCCGGCGCCCTTGTGTCAGGCTGGTCTGTGCGCGCCGAGTGAGAGAACTGCGGTTGCAT  
 GTGTTTAAACCGTCAACCTGGGATTCACTCCCAAAATGATCAGTAGTCTGCAAGTGTTTCGCGCTGGGTCC  
 CAGTGCTCCAAGGTGGAAGTCGTACCCACCTTGAAGAACAAGAAGGAAGTCTGTCTGGACCCAGAAGCCC



CTTTGATCAAGAAATTCATCCAGAAAACGTTGGACAGTGGAAACAAGAAAAATTGATTAAGAGAAAGGAC  
CACGCATTGAAAACTTGCCAGTTCTTCAGCAGAGCAGTTTCTGGGGATCTGTAGACTCTGGAGACAA  
GAATCAAGGGCTGGTTTTCTCCAGTGAGTTAGGGTTCTTCATGAAGTCCCCACTTGGAGAGAGAGTTGGG  
AGGACCGACCTATGTTTGTCCCTGCGGCTTTGGGCTCAGCTTTTGAAGTATTTAGCATAGATTTCTTGGT  
ATTTAT

>GBEQ0047 |Acc|AY113683|Ver|AY113683.1 GI:21483853|Equus caballus Ras GTPase-activating  
protein (NGAP) mRNA, partial cds.

AAAACGGACGTGTCCTTGGATTCCGCCAACACCAGACTGATGAGCGCACTGACCCAAAGTGAAGGAGCGAT  
ACAGCATGCAGGTCCGCAATGGCATCTCCCCCACCACCCACCAAGCTTTCCATCAGGAGAATGGTGA  
ATTCAAAAACAGCAGCTGCTGACGGGCTTTGTGAATAGACAGACTGTGGGAGGAGACAGAAGGAAATTTTC  
CCCCTCTCCAGTCCCCAGCCCTTTACCCAAACCCACCAGGTCTACAGAATGTTGCTACTTCAAAAGCAT  
TGTGGCAAGAACTCTTGAATGAAGAAAGGAACCTTGTCTTTTCAAGGCATAAGGCTAAGACTTCCAAGGT  
CGATGCTTTTACCTCATGTCTCTATGTACATAGGGAACCTTAGTCTGGGCCATGTACAGAAAATACCACT  
GTAATATACCAAAAGGAAGTTAATAATGTAGATTACCTTTTATTATTGCTATTTTATTATTGGTTTCC  
TCTTTGTTGAAAGCACTGCAGTTGTAGAGGAGAAAAGTAGGAACATATGTGTGTGTGAGAAATGAGCCCC  
AGGGGTTTCACTAGGTAGAGACCAAGTATCTGTCTGATAGAAGCACATGGTGTGCAATAGGACATTGTCTAG  
AATGAATTTTTTCAAGGATTCTCTGCCAGTTTAATAACCCCACTCTGGCCCCCTGTCTTTTAGGAAAAC  
ATGCAAAATACCAAGATCCAAACAAAACAGTTTATCCCATTTGATCAACCAAGACTGGTCTGGATGGACAG  
CTGATCTGATTTGGGGATGCACTGTTTTCAGAGGACACAGATAAGAGCTGTTGCATCAAACTGGACCTTTA  
GGAGTGATTTTCTACTGAACCTCCTGTTGATGTGTATTTTCTTCTGTCTAGTAGCAGATGGGAATTTTCCATT  
TTAGATAGGGGGCGCTTTTTTTTTTACTCCAGTTGTAATAAAGGGTGTCTTTTTTCTCTTTAGAAATTTACA  
AAGCTATAAATATTTGTGTCTCTATATACCACCTTTCATCTTACACACCCACTGCCCTTTCTCTCCCCAT  
GTGGGAGCAGTATCATCAACACAGGGTTTACTCTCCCCCTGGAGAGGTTATTCAAAGATGCTGTCCATAAGC  
CATCTGAAGTCAGCACCTTTCTTCTGCACAGAAAAGGGCTAACCATCCCATAGCAGGAATCTCTGAATA  
TTTCTATTTAGAAAAA

>GBEQ0048 |Acc|AY113682|Ver|AY113682.1 GI:21483851|Equus caballus ribosomal protein L5  
(RPL5) mRNA, complete cds.

ATGGGGTTTGTAAAGTTGTCAAGAATAAGGCCTACTTCAAGAGATACCAAGTGAAATTCAGAAGACGAC  
GAGAGGGTAAACTGATTACTATGCTCGGAAACGCCTAGTAATCCAGGATAAAAATAAGTACAACACACC  
CAAATACAGGATGATAGTTTCGTGTGACCAACAGAGATATCATTTGTGAGATTGCTTATGCCCGTATAGAA  
GGAGATGATAGATTTTGTGACGCTTATGCTCATGAACCTCCAAAGTATGGTGTGAAGGTTGGCCCTACAA  
ACTATGCTGACAGCATATTGTACTGGCCTGCTGCTGGCCCGCAGGCTTCTCAATAGGTTTGGCATGGACAA  
GATCTATGAAGGCCAAGTGGAGGTGACCGGAGATGAATACAATGTGGAAAGCATCGATGGTCAACCTGGT  
GCCTTCACCTGCTACTTGGATGACAGGCTTGGCAGAACGACTACCGGAAATAAGGTTTTTGGGGCCCTGA  
AAGGAGCTGTGATGGAGGCTTGTCTATCCCTCACAGTACCAACGATTCCCTGGTTATGATTAGAGAG  
CAAGGAATTCAATGCAGAAGTACATCGGAAGCACATCATGGGACAGAACGTTGCAGATTATATGCGTTAC  
CTGATGGAAGAAGATGAGGATGCCATACAAGAAACAGTTCTCTCAGTACATAAAGAACAACGTAACCTCCAG  
ACATGATGGAGGAGATGTACAAGAAAGCTCATTCTGCCATACGAGAGAATCCGGTCTATGAGAAGAAGCC  
TAAGAAAGAAGTTAAAAAGAAGAGGTTGGAACCGTCCCAAGATGTCTCTTGCCAGAAAGAAAGATCGGGTA  
GCTCAAAAGAAGGCTAGCTTCTCAGAGCTCAAGAGCGGGCTGCTGAGAGCTAATAAACCAACCAACAT  
TTTCTATGAAGATTTTTTCAAGATAAACTATCGATAATAATAAACTTATTGTCTTAGCACGTAAAAA  
AAAAAA

>GBEQ0049 |Acc|AY112742|Ver|AY112742.1 GI:21435815|Equus caballus ferritin heavy chain  
mRNA, complete cds.

CATTCCGGCACGAGTCTGCTTCAACAGTGCTTGAACGGAACCCGGCGCTCGTCCCCGCCCGCGCGGCC  
ACCCAGAGTCAGCCCTCCTTACCTCCTCACAGCGCCCTCGGCCCGCGCAAGGCTCCCGCCCGCGCTCC  
AGCGCGCCCCCGCGCGCCCGCTCTCCTCCTCAGCCGTCCGCGCATGACGACCGGCTTCCCCCTCGCA  
GGTGCGCCAGAACTACCACCAGGACTCGGAGGCGCCATCAACCGTCAGATCAACCTGGAGCTCCACGCC  
TCCTATGTGTACCTGTCCATGTCTTCTATTTTATGCGCATGATGTGGCTTTGAAGAATTTGCCAAAT  
ATTTTCTTCAACATCTCATGAGGAGAGGGAACATGCTGAGAACTGATGAAGCTGCAGAACCAACGAGG  
CGGCCGATCTTCTTCAAGACATCAAGAAACAGAGAGGATGACTGGGAGATGGGCTGAAGGCAATG  
GAGTGTGCATTACACTTGGAAAAAATGTGAATGAGTCACTATTGGAAGTGCACAACTGGCCACTGACA  
AAAATGACCCCACTTGTGTGACTTCTCGAGACTCATTACCTGAATGAGCAGGTGAAAGCCATCAAGA  
ATTGGGTGACCACGTAACCAACCTGCGCAGGATGGGGGCCCGCAATCTGGCATGGCAGAGTATCTCTTT  
GACAAGCACACCTGGGAGAGTGTGACGAGAGCTAAGTCTCAGGCCAGCTTCCCTCAGCCACCGGTGAC  
CTCCCTGATCCACCGAGGAGTGCATGCATGTTGGGGTTACCTTTACCTTTTCTATAAGTTGTACCAAAA  
CATCTACTTAAGTTCTTGGATTTGTACCATTCCTTCAAATAAAGTAATTTGGTCCCAAAAAAAAAAAAAA

AAAA

>GBEQ0050 |Acc|AF508791|Ver|AF508791.1 GI:21070348|Equus caballus glucose-regulated protein (GRP94) mRNA, partial cds and 3'UTR, partial sequence.

TTGTTTGAACAGCAACACTGCGATCAGGATATCTTTTACCAGACACGAAAGCATATGGAGATAGAATAG  
AAAGGATGCTGCGCCTCAGTTTAAACATTGACCCCGATGCAAAGGTTGAAGAAGAACCCGAAGAAGAACC  
TGAAGAAACACAGAGGACACCACAGACGACGAGCAAGACGAAGACGAAGAAATGGATGGAGGAGCA  
GATGACGAAGAAGAAGAACAGCAAAGAAATCCACAGCTGATAAAGATGAATTGTAAATTACACTCTCAC  
CATTTGGATCCTGTGTGGAGAGGGAATGTGAAATTTAAGTCATTTCTTTTGGGAGAGACTTGTTTTTGAA  
TGCTCCCTGACCCCTTCTCCCTGCACTGTAAATGTTGGGTTGTGGGTCACAGGAAGAAAGTGGGTT  
TTTTTAGTTGAATTTTTTTTAAACATTCCTCATGAAGTAAATTTGTACTATTTAACTGGACTATTCTTGGT  
GTAAATCTTGTATGTATATAAAATAAAAAGATCCCCAAATAAAAAAAAAAAAAAAAAAAAA

>GBEQ0051 |Acc|AF506974|Ver|AF506974.1 GI:21070224|Equus caballus galactocerebrosidase mRNA, partial cds.

TCCCTGTGAATTTCCCGAAGATGGCTGGGCTGCGATTGGAACCTACTTCTTGAATTTGCACAATTGA  
CAACTTTTATGTGGAAGCCATGGGCTAGTATTCACAGAGCACCATAGCACACTCTTTGGAGATTCTTTCT  
TTCTTTTGGTTTTGGTTTTCAGAGCCAATATTTGTTTTGAGGGATAAATGTATGAGCCTTTTGGAGGCTAA  
AAATAATGAAGAGTAAATGAGGAGAAAGATATATTTTTGTTTGATACTCTGGAAGACTTTTTTTAGAACT  
AATTCCTAAGGGGAAACAGATGAATCTTACCTGAGATGTCCCCTGAAATTCAAACGGTACATTGGTCCCTAT  
CCTTAGAAGTGGTTTTTGGTGGCCAGACCTCAAGCCTTGGTGTAAATGCTCAGGTAGCTCTTTTCATCGTA  
TTTCCAAGTGATCATGTGGATGGCAATAACTTGTATCATCACTGAGATGTACTGATCAATGCTGATGTGTG  
TTCGAGTGAGTTGATGTCTCTCAGGATAATGCTTGCCTAATAGGAAGCTGAAGACACTGGAAGTGC  
TGCTTTTTGAAAACCACTTCAACATGTTATCCTTAAACTCTAAACATATTTTTCTTTCTTTTAAAG  
ATGATGCTTTTGAATATAGATAGCATGATTTGAAAAATGCCTTATTAATAAACTACCTCTAAACGAAAA  
AAAAA

>GBEQ0052 |Acc|AF506973|Ver|AF506973.1 GI:21070222|Equus caballus thymosin beta 10 mRNA, complete cds.

AATTCGGCACGAGCTGGCCGGAGAGAGACGCCTCGGATTGTTTTAAGAAAATGGCAGACAAGCCTGACAT  
GGGGGAAATCGCCAGCTTCGATAAGGCCAAGCTGAAGAAAACGGAGACGAGGAAAAGAACACCTGCCG  
ACCAAAGAGACCATTGAGCAGGAGAAGCGGAGTGAAATTTCTAAGAACCTGGAGGATTTCCACCCCCG  
TCATCTTGGAGACCCAGTCGTGATGTGGAAGAGAGCCACCTGCAAGATGGACACGAGCGACAGCTGC  
ACTGTGAACCCGGGCACCTCCGTGCCGATGCCACCGGCCTGTGGGTCTCTAAGGGGACCCCTCCCCCAATCG  
GACTGCCAAATTCTTCGGTTTGGCCTGGGATATATAGAAAATTAATTTGTATGATTAATGAAAATAAAAC  
ACACCTCGTGGCATGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBEQ0053 |Acc|AF506972|Ver|AF506972.1 GI:21070220|Equus caballus mcp-2 mRNA, complete cds.

AAGCCAACTCTCCGGGTGAAGTTCTCATCTCACCCTCCAACATGAAGGTCTCCGAGCCCTCCTGT  
GCCTGCTGCTCACAGGGGTTGCCTTCAGCACCCACATGGTGGCTCAGCCAGATGCAGTTTCCATCCCAGT  
CACCTGCTGCTTTGGTGTGGACAAGAAAAAGTCCCCATCCAGAGGGTGGAGAGCTACACAAGATCACC  
AGCAGCCAGTGTTCAGGAAGCTGTGATCTTCAAGACCAAAGTGGACAAGGAGATCTGTGCTGACCCCA  
AGCAGAAAGTGGGTCCAGGATACCATGAAGCGCCTGGACCAAAGATCCCAACCCCGAAGCCTTGAACCTT  
CACACCTGGCCTGAGAGACAGTCAGAGCCTGAGGAAAATCTTATTTATTTTCCCCCAGCCTTCTCTAGAT  
GCAGAGTCATATTATTTATTTATTTAAAAAGAGACACTTTGGTTAATAATTTAAAGCATAACTTTCTTA  
AATAATATTTATATTTAAGTTATTGATGTTTGAATTTGTCTGCCACGAATCCTCGCGAACGCACAATG  
CAAAATTTGGAGATGTGCTTTCTTTTCTGAGAGCTCAGTGAAGCTCATGGAAAGATGGCGTTCATTCTCC  
TTCTGCTCCCTGTAACTTGTGAGGTCTCCCATGGATCATCGGAGCAAAACACTTGTACGTTCTTAG  
GAAATCGGTGCTCCTGAAGTCAAAATGCGTGTATGGAGTGGTGTGTTGAAATTAATGTTATTAGATGAC  
TATGGAATTTTCAAGAAAGATATATATAATTTTAACTAAAAAAAAAAAAAAAAAAAAA

>GBEQ0054 |Acc|AF506971|Ver|AF506971.1 GI:21070218|Equus caballus phosphoprotein C8FW mRNA, partial cds.

TCTGGTGGGACGATACCCATTCCATGACTCAGACCCCAAGTGGCCCTTTTCTCCAAAATCCGACGTGGACAG  
TTCTGCATTCTCTGACCACATTTCCCCCAAAGCCAGGTGCCTCATCCGACGCTCCTGAGACGGGAGCCTT  
CGGAGAGACTCGCCGCTCCTGACATCTTACCCACCCCTGGTTTGGTCCGTCTTGGAAAGCTGGGTACCT  
CGACTCAGAAATGGGAACCTCAGACCAGATCGTTCCAGAGTACCAGGAGGACAGCGACATTAGTTCCTTC  
TTCTGCTAATCCCAAAACCTCAGAAACCTCATAATGTTTACACATGGCATTTCATTTCTAAAGATGGAC  
AGGCCCTTTCGGCGTGGTGCCAACAGATATGTGATGGCGTAAAGATGGTAGCTGCTGAACCTCAACGGGGG  
ACCTCCCCCTTGTCCGTTGTGATGAGCGACTTGATTGATTTGAGCAGCATACACTCTTGATGGGCTGTCTT  
TG



>GBEQ0055 |Acc|AF506970|Ver|AF506970.1 GI:21070216|Equus caballus small inducible cytokine A5 RANTES mRNA, complete cds.  
AATTCGGCACGAGACAGCGTGTGGAGCTCCACAGCCTCTGCCACAGGTACCATGAAGGTCTTCGCA  
GCTGCCCTGGCGGTCTCTCGCCACTGCCACCTTCTGCACTCCTGCATCTGCCCTCCCATATGCCTCGG  
ACACCACGCGCTGCTGCTTTGCCCTACATCTCCCGCCACTGCCCGCGCCACATCCAAGAGTATTTCTA  
CACCAGCAGCAAGTGCTCTATACCAGCAGTCGTCTTTGTCAACCGAAAGAAGCGCCAGGTGTGTGCCAAT  
CCAGAGAAGAAATGGGTGCGAGAGTACATCAACACTTTGGAGATGAGCTAGGATTGGAGGGCATCTCGAA  
CCTGAACCTGTGCAAACTTTCTTGTGCTTCTTGTCTTGTCTTAACCTGCTTGGGAGGCTTCCCCGAA  
CCCCCTACTCCCACTCGCTCCTTGGAGGGCGCAGATTCCAGCACACAGCAGCAGTTACAAAAGCCTCCCC  
CATCCAAAGCCTCCAAGAGCTTCTGAGGCTCTGCCTCGTGACAGGAAGTCTCTAGGCCTGAGCATCANG  
CCCCTCGGCTCGCTATGGTTCTGTGATCAGGAAGGAAGTCAGCATGCCTTTGGAGGTGAAAAGGGGAGA  
AAGGTTGGACTCCTATGGGAAATGTCCCATGGGGCCAAAGCTCCCTCTTGGTCCCTCACTTGGGAAGGGC  
TGACTGGCAATGTGAGAAATAAATTTTCCCTTTAAATTTTAAAGGCGATTAAAAAAAAAAAAAAAAAA  
AAA  
>GBEQ0056 |Acc|AF506969|Ver|AF506969.1 GI:21070214|Equus caballus ubiquitin mRNA,  
complete cds.  
AATTCGGCACGAGCGGCACGAGCGGCACGAGCGGCACGAGGCGCTTTTGGTGTGGTATTGCTGAGGTGATT  
TGGCGTGGTTTGGATTAGCAGTTTCTTCGTGTCCGTACCAGGTCAAAATGCAGATCTTTGTGAAGACCC  
TGACCGGCAGACCATCACCTGGAGGTGGAGCCGACCCATCGAGAACGTCAAGGCCAAGATCCAA  
GGATAAGGAGGGCATCCCCCGACCAGCAGAGGCTCATCTTGCAGGCAAGCAGCTGGAAGATGGCCGC  
ACTCTTTCCGATTACAACATCCAGAAAGAGTCGACCTGCACTGCTGCGCTGAGAGGCGGTATGC  
AGATTTTCGTGAAGACCTGACCGGCAAGACCATCACCTGGAGGTGGAGCCGACGACACCATCGAGAA  
CGTCAAGGCCAAGATCCAGGATAAGGAGGGCATCCCCCGACCAGCAGAGGCTCATCTTTCAGGCAAG  
CAGCTGGAGGATGGGCGCACCTGTCTGACTACAACATCCAGAAGGAGTCCACTCTGCACCTGGTTCTGC  
GTCTCAGAGGCGGGATGCAGATTTTCGTGAAGACCTGACCGGCAAGACCATTAACCTGGAGGTGGAGCC  
CAGCGACACCATCGAGAATGTGAAGGCCAAGATCCAGGATAAGGAGGGCATCCCCCGACCAGCAGAGG  
TTCATCTTTGCAGGCAAGCAGCTGGAGGATGGGCGCACCTGTCTGATTACAACATCCAGAAGGAGTCCA  
CTCTGCACCTGGTTCTGCGTCTCAGAGGTGGGATGCAGATTTTCGTGAAGACCTGACCGGCAAGACCAT  
CACCTGGAGGTGGAGCCGACGACACCATCGAGAATGTGAAGGCCAAGATCCAGGATAAGGAGGGCATC  
CCCCCGACCAGCAGAGGCTCATCTTGCAGGCAAGCAGCTGGAAGATGGCCGCACTCTTTCTGATTACA  
ACATCCAGAAAGAGTCGACCTGCACTGCTCCGTCTCAGGGGTGGCTGTAGCTTTTCAGTCTTGT  
CTTTGTAAATGTCCAGTGATGGCATTACTCTGCACTCCAGCCATTAGCCCCAATTTAAGTTTAGAAATTAC  
CAGTTTCAGTAATAGCTGAACCTGTTCAAAATGTTAA  
>GBEQ0057 |Acc|AF503366|Ver|AF503366.1 GI:21070124|Equus caballus LPS-induced TNF-alpha  
factor (LITAF) mRNA, complete cds.  
GCACGAGCTCGTGCCGCTGGCGCGCGGGCGGGTAAATGTCTGCTCCAGGATCCTACCAGGCGTCCGC  
TGGGCGCTTCCTCGGTGCCAACGCGCGCCCCGTCATATGAAGAGACAGTGGGCGTTACAGCTACTTCCCC  
ACGCCCCGCGCCCGGTGCTGGGCCCCACCGGGGCTGGTGACGGGCCCCGATGGGAAGGGCATGAATC  
CGCTGCGCTACTACACCCAGCCAGTGCCGCTCCCTAACGCCAATGCAATTGCCGTGCAGACGGTCTACGT  
CCAGCAGCCGCTCTCGTTTTTCGACCGCCCCGTCAGATGTGTTGTCTTCTTGCAACAGATGATCGTG  
ACGCAGCTGTCTATACCGCCGCTGCCCTCACCTGGCTTTCCTGCGGGAGCCTGTGCCTGCTCGGGTGCA  
TAGCGGGCTGCTGCTTATCCCTTTTGTGTGGACGCCCTGCAGGACGTGGATCACTACTGTACCCAACT  
GCAAAGCTCTCCTGGGCACCTACAAGCGTTTGAAGACTCGGCCAGACCCGAGGGAGCCGTGTGCTGCG  
GAACGTTCTCTTCCGACTCTCACCCAGCCCCGCCCCGTTGGGGAGGGGTCCACCTTGGTGGTCTCATCTC  
CCGCCAGGCTCCACCTTCATGTCTTCTTTTGGGGGAAAATACTGCAAGAGTAACACCCCTCCGAACCCC  
AAAAATTGCTGCTTGGAGCCATCCACAGGCCATGCAAAGACGTTACCTCGAGGGCTGGTTACAGGGGTTT  
CCTGCCACCCGCTGACCCCGTCATCCGCTCCCTGATGTGATTGTTGCCCTTCTCAGTATCCTGTGGT  
ATTGGCCATTGGCTGGCTTCTTTCTTGCCTCACGGGGCCTTTCGGGGGTGGTCTCAAACCTGAGAAGCC  
ACGGGTTGCCTTATTTTAAAGACTGTTCTGGCCCCAATATGGCTGAACAGCCCTTAGTGCTACTTTTG  
TATCTATCTGTTCCCACTTCTGATGACAGAAATCTGCCTTATAGACTAAGGGCTGGGTTCTCGGATTCT  
GTAATTGACGACTTTTCTTAGCACACAAATTCATCTTAATTTCTTAATTCATTTTGTAGTACAAGGAGG  
GGCTATTACACCCACCGGATACACATCCACAAGGTCGTGAAGGCATGCTGGAAGTACCGGGCTGGCTCT  
TATCATGGGTGGGCTTTCCCTCGGTTCTTTGTACAGATCCTCAGCCGCTTTCGTGAATGGCTATTTTCT  
CCTAGAGGAATTGTTTGTATTAACAGTTTATGACCTCCTTTTGGTCTTAACCACTTCGGACATAATTT  
TGAAAGGAAGGTTTATAGAACAATCTTCTTAACCATATGACTGGTATCATTTTCTGTCTGCTGATGCG  
TTCTCACATTTTATTTTCTTAACAGAAAAAGTAATGGATCCTTTCATCCACTGCCTTTATTTGGGTTT  
AGCATGTTTCTTAAATCTCTAGATGGAACCTTAAAGCGGGGCCCCCTTTGGGGTTCCTGGTGGCATGTT

TGAGAAGACGAGGGAAGGCGTGATGGGGCATGTCTGGGGTACCATGGTGCTGAAAAGCTTGGGGAACCTG  
 >GBEQ0058 |Acc|AF503365|Ver|AF503365.1 GI:21070122|Equus caballus granulocyte colony  
 stimulating factor (G-CSF) mRNA, complete cds.

GCACGAGCTCGTGCCGTGCAGATCCACCCAGACCCTCTGCTGAGCCTGCTGCCAGAACCCCATGGAGCT  
 GATGGTGTGCCACCACAAGCTGTGCCACCCTCAGGAGCTCATGCTGCTGGGACACTCTCTGGGCATCCC  
 CCAGCCTCTCCTGAGCAGCTGCTCCAGCCAGGCCCTGCAGCTGACGGGCTGCCTGAGCCAACTCCACAGT  
 GGCTCCTCCTCTACCAAGGTCTCCTGCAGGCCCTGGCAGGGATCTCCCCGAATTAGCCCCACCTTGG  
 ACATGCTGCAGCTGGACGTCACCGACTTTGCCACCAACATCTGGCAGCAGATGGAAGACCTAGGGGTGGC  
 CCCTGTGGTGCAGCCACCCATGGCCCCATGCCGACCTTCGCCTCGGCCTTCCAGCGCCGGGCAGGAGGG  
 GTGCTGGTTGCCCTCAACCTGCAGCGCTTCTGGAGCTGGCATAACCGTGGTCTGCGCTACCTGGCCGAGC  
 CCTGAGCAAAACCTCCCCATCCGCTGTATTTATCTCTATTTAATATTTATGCTTATTTAACTTACTAT  
 TTA AAAACAGGGAAGAGTGGAAAGAAGCCCCAGAGCCCTGGGTGCTTCCCTCCACTTTC AAGTTTCATT  
 TCCTGCCTGTAGCAGGGAGAAAAGCTCCTGTCTTCTGTCCCTGGACTGGGAGGTAGATAGGTAATA  
 CCAAGTATTAATTCCTGTGACTGCTCCCTGGCCAGCTCTGTGGTGGGCACTGGGAAGAGCCTCAGTGGG  
 CCCCCACCTGAGGGTACCCACCTTGGGGCCCTTGGGAAGCATCGGGAAGTCTCCACGTGGGAGACAAG  
 ACAGGCCTGTTTAAATATTTAAACAGCAGTGTTC CCAACTGGGTCTCGTATCCCTCGCTCTGGCTCAA  
 CTGGCTTGGCATGCCAGGCTGGCCAGGCCTTGCTTCCCTCAGTCCCTTCCCCACGGACACTTAGC  
 CCAGCAGAGGCAGCCAGAGCTGGAGTCTTGACCAACCTGGGGTCCCAAAATTTGCTGGGGAATTTAAGA  
 TTTTGGGGGCATGTTTGACTCCAGCAGGGAAGCCAGGCATCACTGATTCTCTCTTTTCTGGATGCC  
 CTACAGAGACACTGGCAAGCTTGTGATACCTGCCCCACCCACAGGGTCAGAATTTGACTCCTTTTAG  
 GGCTGGGCGGATGGTCATCTGTCTGCCTTGTGGACAGGGATTGGGAATGTGGGAGGGAAGACGAGGG  
 GGAATTATGTGACATGTGACGGGGTGTGTGAGAGGGAAGTCAACTGTTCACTCTCTACTTCTGCCCCCA  
 CTTTCTCATTGTAGCCAACTTCACGATAATA

>GBEQ0059 |Acc|AF359386|Ver|AF359386.1 GI:13751869|Equus caballus pancreatic lipase-  
 related protein type 2 precursor (PLRP2) mRNA, partial cds.

AAAGAGGTTTGCTATACCCCTCTTGGCTGCTTTTCTGATGACAAACCATGGGCCCGGGACCCCTTCAGCGGC  
 CTTTAAAGTCACTTCCCTGGTCCCCCGAGGAGTTAACACCCGCTTCTTCTGTACAGAAATAAGAATCC  
 AGACAGTTACCAACTGATCACTGCCAGAGACGTAGCCACCATCAAGTCTTCAAATTTCCAGTCGAGCCGC  
 AAGACACACTTCGTATCCATGGCTTCAGAGACAGAGGGGAAGACAGCTGGCCGTCCGACATGTGCAAGA  
 AAATATTGCAAGTGGAGACACGAACATGCATCAGTGTGGATTGGAGTTCCGGGGCCAGGCAGAAATATAC  
 TCAAGCCGTGCAGAACATCCGATCGTGGGAGCGGAGACAGCTTACTTAATAACAACAGCTGTTGACCGAG  
 CTGAGCTACAACCCCGAGAACGTGCACATCATCGGCCACAGCCTGGGCGCGCACACGGCGGGGAGGCTG  
 GCCGGAGGCTGGAGGGCCGCGTGGGCAGGGTCACAGGATTGGATCCAGCAGAGCCATGCTTCCAGGATGC  
 ATCCGAGGAGGTTTCGCTGGACCCATCTGATGCCCCAGTTTGTGGATGTGATTACACCGATGCTTCTCCG  
 ATGCTCCCTTCCCTAGGTTTGGAAATGAGCCAAAGTGGGCCATATGGATTCTTTCCAAATGGAGGAA  
 AGCAAATGCCTGGATGTAAGAGAAGTTCCTTTTCAACCTTCATTGACATAAATGGAATATGGCAAGGAGC  
 CCAAGACTATCTGGCTTGCAACCACCTAAAAGCTTCAGATTAATCTCCAGCAGTATCCTCAACCCTGAT  
 GGCTTCTCTGGCTTACCCATGTGACTCCTACGATAAGTTTCAGGAGAATGGCTGTTTCCCTTGTCCAGCTG  
 GTGGATGCCCCAAAATGGGGCACTATGCTGACCAGTATAAGGAGAAAACAGTGCCGTGGAACAAACCTT  
 TTTCTGAACACAGGAGAAAGTGGTGA CTATACTTCTTGGAGATATAGAGTATCCATCACACTGGCTGGA  
 AGCGGGAAAGCGAATGGGTACCTCAAGTTACTTTGCGTGGAAGTAATGGAACCTCAAAACAATATGAAA  
 TTTTCAAAGGATCCCTCCAACAGATTCAAGTTATACACTTGACGTTGATGTGAATTTCAATTATTGGAAA  
 AATTCAAGAGGTTAAGTTTGTCTGGAACAAACTGTGTTAAATCTCTCAAGCCCCAACTGGGGGCTTCC  
 CGGATCACAGTCCAAAGCGGTGCAGATGGGACTGAGTATAAGTTTGTGGCAGCGGCACCGTGCAAGACA  
 ACGTTGAACAGTCTCTTACCCTTGTTAA

>GBEQ0060 |Acc|AF448228|Ver|AF448228.1 GI:17646640|Equus caballus DNA-dependent protein  
 kinase catalytic subunit mRNA, partial cds.

TGCCGTGGCCGGTTACCAGCTGATCCGGGCGCTGGGGCAGGAGTGCATGCTGAGCACCGGCCCCGCTGTG  
 CTGGCGTTACAGACTTCCCTGGTTTTTCCAAAGATTTTGGTTTACTTGTATTTGTTCCGAAATCACTTA  
 GTATTGATGAATTCGTGATTGTAGAGAAGAAATCCTAAAATTTTATATATTTTCTTAGAAAAAATTGG  
 CAGAAGATCACACCTTCTCTGATATTAAGAATACTTGACAGTGTGTACACAAAAGATAAAGCT  
 GCCAAATGTAAAATTCGGCCCTAGATCTTCTTATTAAGTTACTTCAGACTTTGAGAAGTTCTAGACTCA  
 TGGATGAATTTAGAGTTGGAGAATTATTTACCAAATCTATGGAGAATTGCCTTGAAAACAAAATATACC  
 AGATACAGTTTTAGAAAAAATATATAGCTCCTAGGAGTATTAGGTGAAGTTCATCCTAGTGAGATGATA  
 AGTAATTCAGAACCACTTGTCCGGGCTTTCTGGGTGAACCTTAAGTCCCAGATGACATCAACAGTAAGAG  
 AGCCCCAACTACCTGTTCTGGCAGGGTGTCTGAAGGGATTGTCACTTATGTGTAACCTTCACTAAGTC  
 CATGGAAGAAGATCCCCAGACTTCAAGGGAGATTTTTGATTTGCGTTAAAGGCAATTCGTCTCAGATT

GATCTGAAGAGATATGCAGTGCCCTTAGCTGGTTTATGCTTATTTACCCATGCATGCATCTCAATTTAGCA  
CCTGCCCCTTTGGAGAACTACGTTTCTTTGTTTGAAGTGTCTGTCAAAATGGTGTGGCCATACAAACATAGA  
ATTGAAAAAAGCCGCACATTCAGCTCTGGAGTCTTTTCTGAAACAGGTTTCTTTTATGGTGGCAAAAGAT  
GCAGAAAGGCATAAGAATAAGCTGCAGTACTTTATGGAGCAATTCATGGAATCATCAGGAACATGGATT  
CAAATAGCAAGGATTTTATCAATTGCAATTCGTGGATATGGACTTTTTGTCAGGCCCTTGCAAGGTTATAAA  
CGCAAAAGATGTTGACTTCATGTACGTAGAGCTCATTCAGCGCTGCAAGCAGCTGTTTCTCACCAGACA  
GATACCTGTTGATGACCATATTTACCAGATGCCAGTTTCTTCCAATCTATTGTAAGTGTCTTGCTTTACC  
TTGATACAATTCCTGAGGTGTATACTCCGGTCTGGAACATCTCATGGTGGTACAGATAGACAGCTTCCC  
ACAGTATAGTCCAAAAATGCAGCCGGTGTGTTGTAGAGCCATAGTGAAACTTTTCTAGCCTTAGCAGAA  
AAGGGACCAGTTCTCTGGAATTGCATTAGTACTGTGGTGCATCAAGGTTTAAATTAGAATATGTTCTAAAC  
CAGTCGTCTTTCAAAAGGGTGTGGGTCTGAATCCGAGACTATCATACATCAGAGGAAGCTAGAACTGG  
CAAATGGAAAAATGCCACATACAAAGACTATTTGGATCTTTTATAGATATCTCCTGAGCTGTGACCAGATG  
ATGGATTCTCTTTAGCAGATGAAGCATTTCTCTTTGTAATTCCTCCCTTCATAGTCTGAATCGTTTGC  
TGTATGATGAATTTGTAAAATCAGTTTGAAGATTGTTGAGAAATTGGATCTTACACTAGAAAAACAGAA  
TGTTGGGGAGCAAGAGGATGAACTGAAGCTACTGGTGTGTTGGGTGATCCCGACTTCAGATCCAGCGGCT  
AAGTTGCACCCCTGCTAAACCTAAAGATTTTTCAGCTTTCATTAACCTGGTGGAAATTTTGCAGAGAGATT  
TTCCTGAGAAACATGTAGAATTTTTCAGCCATGGGTTTACTCATTTGCGTATGAATTAATTTTGCAGTC  
TACACGGTTACCACTCATCAGTGTGTTTTACAAATTGCTTTCTGTTGCTGTGAGAAATGCCAAGAAAATG  
AAGTATTTTGAAGGAGTTGGTCCAAAGAGTCAAGAAACAGTCTCCTGAGGACCTAGAAAAGTATTTCTGCT  
TTGCTTTGTTTGCAAAATTTAGTAAAGAGGTATCAATTTAAATGAAGCAATACAAAGATGAACTTTGGC  
CTCCTGTTTACCTTTATCTGTCCTGCCACATGACATCATTGAACCTGATGTTAGAGCCTACGTTCTCT  
GCATTGCAGATGGCTTTTAACTGGGCTGAGCTATACTCCATTGGCGGAAGTAGGCCTGAATGCTCTAG  
AAGAATGGTCAGGTTACATCTGCAAAACATGTAATTCAGCCCTATTATAAGGACATTTACCCAGCCTTGA  
TGGATATCTGAAAACCTTCAGTCTTATCAGATGAGACCAAGAATAGCTGGCAAGTGTGAGCACTTTCTCGG  
GCTGCCCAGAAAGGATTTAATAAGGTTGTGCTAAAGCATCTGACAAAGACAAAGAGCATTTTCATCAATG  
AAGCACTGTCCTTAGAAGAAGTGAGGATTAGAGTAGTACGGATACTTGGCTCTCTAGGAGGACAAATAAA  
CAAGAATCTCGTAACAGCTGCATCATCAGATGAAATGATGAAGAAGTGTGTGGCATGGGACAGAGAAAA  
AGACTCCGTTTTGCAGTACCATTATGGAGATGAAGCCTGTCAATTTATCTGGATCTATTCTGCTCGGG  
TCACCGAGTTAGCTCTTTTCAGCTAGTGACAGGCAGACTACAGTTGCAGCCTGTGAACCTTTTACATAGCAT  
GGTTATGTTTATGTTGGGAAAAGCCACTCAGATGCCTGAAGATGGTCAGGGTTCCCCACCCATGTACCAG  
CTCTATAAGCGAACTTTTCTGTTTTACTTCGACTTGCATGTGATGTAGATCAGGTGACAAGGCACTGT  
ATGAGCCACTAGTTATGCAACTGATTCACTGGTTCACTAACAACAAGAAATTTGAAAGTCAGGACACTGT  
CGCCTTACTAGAAACGATATTGGATGGAATTTGTGGACCTGTTGACAGTACTTTGAGAGATTTTTGTGGT  
CAGTGTATTCAAGAATTCCTTAAATGGTCCATTAAAGCAGACGACACCACAGCAGCAGGAAAAAAGTCCAG  
TAAATACCAAATCGCTTTTCAAGCGACTGTATAGCTTTGCACTTCATCCGAATGCCTTCAAGAGGCTGGG  
AGCATCACTTGCTTTAATAATATCTACAGGGAATTCAGGGAAGAAGAGTCTCTGGTAGAACAGTTTGTG  
TTTGAAGCCTTGGTAACGTATATGGAAAGTCTGGCCTTAGCACATACAGATGAGAAATCCTTAGGTACAA  
TTCAACAATGTTGTGATGCCATTGATCATCTCAGTCTTATCATTGAGAAGAAGCAGCTTCTTTAAACAA  
AGCAAAAAACGACGTTTTGCCACGAGGCTTTCCACCTGCGACATCACTGTGTTTATTGGATGTGGTCCAG  
TGGCTTTTAGCAAATTTGTGGGAGACCCAGACAGAATGTCGACACAAATCCATAGAACTCTTTTATAAAT  
TTGTTACTTTATTGCCAGGCAACAAATCCCTTTTTTATGGCTGAAAGATATTATCAAGAAAGAAGATAT  
TTCCTTTCTCATAAACACATTTGAGGGCGGGGGAAGTGGTTCGGCCGTGAGGCATCCTTGCTCAGCCAAAC  
CTCTTCCATTTGCAAGGGCCGTTCACTCTCAGAGCTGCCCTGCAAGTGGATGGACATGCTTCTGGCAGCAC  
TGGAGTGTCTACAACACATTCATTGAAGAGAAAACCTCTGGAAGCACCCAAGGTCTAGGTACTGAAACCCA  
GTCTTCACTTTTGGAAAGCGGTGGCTTTCTTTTTAGAAAGCATTGCTATGCATGATATTATGGCAGCAGAA  
AAGTACTTTGGCACTGGGGCAACAGGTAACAGACCCAGCCCAAGAAGGAGAGAAAGATATAATTTATAGCA  
AATGTACAAATTTGGTCCGCTTATGGAATTTACCAACAGCTCCTCAGCACCTCCCCAGAGAGTGGAA  
GCTGCTTGAGAAGGATGTGTGTAACACAAACCTTATGAACTCTTAGTGAAAACCTGTGTGAGCCCTCA  
AGCATAGGTTTCAACATCGGAGATGTGCGAGTTATGAATCTTCCAGTGTGTTGACCAACCTGATGA  
AAGCACTGAAGAAGTCCCCATACAAAGACATCTGGAGATGCACCTCAAGGAAAAGATAACAGCAGAGAG  
CATTGGAAGACTGTGTGAGCAGTTGACTTGTATTGACCTTCTGCTGATGCTTGGTGGACAGGGCCAGGCTTCT  
GTCGTGTCAGCTTGTAAACAACCTTCATAGAGCGGGGGTTTTGTGTGTTATAATAACCATCTCAGTCTGCAG  
ATCAGCATCATTTCTATTGGCAGAAACCTTCTTCCCTGGTTTATAAAGCATTCACCTGGAGATGAACA  
ACAGTGCCTTCTTCACTAGATCCCAATTGTAAGCGATTGGCCAGTGGACTTCTGGAGTTGGCCTTTGCT  
TTTGGAGGACTGTGTGAGCAGCTTGTGAGTCTTCTCTGGACACGACAGTGTGTCTATGCCATCCAGAG  
GAGGGTCCCAGAAAAACATCGTCAGCTTCTCTCATGGAGAGTATTTTTATAGCTTGTCTCAGAAACGAT  
CAACACTGAATTGTTGAAAAATCTAGATCTTGCTGTATTGGAGCTCATGAAATCATCTGTGGATAATCCC

AAAATGGTGAGCAATGTTTTGAATGGTATGTTAGATCAGAGCTTCAGGGATCGAACCAGTGAGAAACACC  
AAGGACTGAAACTTGCAACTATAATTCTGCAAACTGGAAGAAGTGTGATTCATGGTGGGCCAAAGATTCT  
TGCTCCTGAAAGTAAAATGGCAGTGCTTACCTTGTGGCAAAAATTTCCAGATTGATTATCTGTTTGT  
TTTAATACAAATCACTGCATGTTCCCTGAAGTCTTTACAACATATGTTAGTCTACTTGGCTGATTCAAAGT  
TGGACCTGCATTTAAAGGGCCAAGCTATAATTTCTTCCATTCTTCACCAGTCTTACTGGAGGCAGCCT  
TGAGGACCTTAAGGTTGTTCTTGAAAACCTCATCGTTTCTAATTTTCCATGAAATCTGAAGAATTTCCC  
CCAGGAACCTGTCAGTACAATAATTATGTGGACTGCATGAAGAAGTTTCTAGATGCATTGGAATTATCTA  
AAAGCCCTATGTTGTTGCGAGTTGATGACAGAAAATCTTTGTCGTGAACAGCAACATGTTATGGAAGAATT  
ATTTAGTCTACTTTCAAAAAGATTGCCAGAAAGAGTTTATGTATCACACAATTAGGCCTTCTGGAAAGT  
GTATATAGAATGTTTCAAGAGGGATGACCTGCTTTCAAATATCACTCGCCAGCATTGTTAGACCGTTCTC  
TGCTCACTCTGTTGGCACTGTAGCTTGAATGCTTTGAGGGAATTTTGTAGCAAAATTTGTTGGTGAAGC  
CATTAATGTGTTGAAGTCCAGATTTATAAAGCTGAATGAATCTGCCCTTGATACTCAAATCACCAAGAAG  
ATGGGCTACTATAAGATGTTAGATGTGATGTATTCTCGTCTTCCAAAAGATGATGTTCACTCTAAGGAAT  
CTAAATTAATCAAGTTTTCATGGCTCATGTATTACAGAAGGAAGTGAACCTTACAAAGACACTTATTAA  
ATTGTGCTATGATGCTTTACAGAGAACATGGCAGGCGAGAACCAGTTGCTGGAGAGGAGAAGACTTTAC  
CATTGTGCTGCATACAACCTGTGCCATTTCTGTTGTCTGCTGTGCTTCAATGAATTAATAATTTACCAAG  
GTTTTCTGTTTACTGAAAAACCAGAAAAGAAGTTGCTTATTTTTGAAAATCTGATAGACTTGAAGCGCTG  
CTACACGTTTCTATAGAAGTTGAGGTTCTTATGGAGAGAAAGAAAAGTACCTTGAATTTAGAAAAGAA  
GCCAGGGAAGCAGCAGCAAGTGGGGATTAGATGGTCTCGTTATATATCTTCTTGTCTATTTTGGCAG  
ACAGTAGCCTGAGTGAGGAATGAGTCAATTTGATTTCTCGACTGGAGTGCAGAGCTATTCATATAGTTT  
CCAAGACCTTAATCTACCCTGCTCATTTTCCGAGACAGAAAACATAAAGAGTCCATGATCCAAGATGAT  
ATCCTGGAGTTAGAGATGGATGAACCTCAATCAACACGAATGTATGGCAACTATGACTGCTCTGATTAAGC  
ACATGCAGAGAAATCAGATCCTCCCTAAGGAAGAAGAGGGTTTCACTGCCAAGAAATCTTCTCCTTGGAT  
GAAATTTCTTATGACAAAACCTAGGAAATCCATCAATATCATTAAATATCCGTCTCTTCTTAGCCAAGCTT  
GTTATTAATACAGAAGAAGTCTTTCGTCCTTACGCGAGATACTGGCTCAGCCCTTTGCTGCAGCTGGTTG  
TTTCTGGAACAACGGAGGAGAAGGAATTCATATATGGTGGTTGAGATAGTGGTTATTATTCTTTCATG  
GACAGGATTAGCTACTACTATAGGTGTCCCTAAAGATGAAGTGTAGCAAAATCGATTGCTTCATTTCTTA  
ATGAAACATGTTTTTTCATCAAAAAGAGCTGTGTTTAGACACAACCTCGAAATTAATAAAACCTTGTG  
AATGCTGGAAGGATTGTTTATCCATCCCTTACAGGTTAATATTTGAAAAGTTTCCAGTACAGATCCTAA  
TTCTAAAGACAATTCAGTAGGAATTCAATTACTAGGCATTGTAATGGCCAATAAAGTGCCTCCTTATGAC  
CCAAAATGTGGCATAAGAGCATAAAATACTTTCAAGCTTTGGTCAATAATATGTCCTTTGTAAGATATA  
GAGAGGTATATGCAGCAGCGCAGAGGTTCTAGGACTTGTCTTCGATATATTACTGAGAGAGAAAATAT  
ACTGGAGGAGTCTGTGTGTGAAGTGGTGCATAAAACAGTTGAAGCAACATCAGAATACGATGGAGGACAAA  
TTTATTTGTGTGCTTGAACAAAGCTGTGAAGAAGTTCCTCCTCTTGTGATAGGTTTATGAACACCGTGT  
TCTTCTGCTGCAAAATTTATGCGCTGATGAAGACTCTCTGCTGAGGTTGGTACTGTGTGCTGCAGAG  
GGAATAACAGATCTATACCTTACAGTTAAAGAGCAAGGATTTTCAATCAAGTCAAGATGAGACATAGAGAT  
GAAAGACAAAAGTGTGTTTGGACATAATTTATAAGATGATGGCAAGATTGAAACCAGTAGAAGTTCGAG  
AAGTCTGAATCCTGTTGTGAATTCATTTCTCATCTTCTCCAGTGTGTAGGGAACAAATGTATAACAT  
TCTCATGTGGATTATGACAATTATCGAGATCCAGAAGGTGAGACAGATGACGACTCCCAGGAAATATTT  
AAGTTGGCAAAAGATGTGTTGATTCAAGGATTGATCGATGAGAACCCTGGGCTTCAATTAATTTATTCGAA  
ATTTCTGGAGTCATGAACTAGGTTACCTTCAAATACCTTGGATCGATTGTTGGCACTAAATTCCTTATA  
TTCTCCTAAGATAGAAGCACACTTTTTAAGTTTAGCAACAGATTTTCTGCTTGAATGACCAGCGTGAGC  
CCAGATTATTCAAACCTATGTTTGATCATCTCTGTGAGAAATGCAAAATTCAGGAATATACTATTGATT  
CTGACTGGCGTTTCCGAAGTACTGTTCTCACTCCAATGTTTATTGAGACTCAGGCCTCCCAGAGTCTCT  
GCAGACCCGGACCCAGGAAGGATCCCTCTCAGCTCGAGGGGTAATGACTGGGCAGATACGGGCCACACAA  
CAGCAGTATGATTTACACCTACGCAAAATACAGATGGAAGAAGCTTTTCAATTTGGCTGACTGGGAACA  
GCATTGACCCACTGGTGGATTTTACGGTCTCCTCCTCATCTGATTTCTTGTCTTCTCCTTGTGTTTGC  
TCACAAGAGAGTGAATAATCACAGAGAGGACCTTGAAGTCAAGTACAGCAGCTGATCACTCCTTGGCAAGTGG  
CTGGGCTTCCAGGGGATGAGGTGGATAACAAAGCAAAAGGTACAGACAATCGGGCGGAAATATTAAGAT  
TACGGAGACGATTTTTAAAGGACCGAGAAAAGCTCAGTTTGTATTTATGCCAGAAAAGGTGTGCTGAACA  
AAAACGAGAGAAGGAGATCAAGAGTGAGTTAAAAATGAAGCAGCATGCCCAAGTCAATTTGTACAGAAGT  
TACCGTCAAGGAGACCTTCTGACATTCAGATTAAATACAGCAGCTGATCACTCCTTGGCAAGTGGG  
CCCAGAGAGACCCAATAATTGCAAAGCAGCTCTTTGGCAGCTTGTTTTCTGGAATTATAAAAGAGATGGA  
TAAATATAAGACCATGTCTGAAAAAACAACATTACTCAGAAGTTGCTCCAGGACTTCAATTAATTTCTT  
AACACCACTGTCTCTTTTCTTCCACCTTTCTATCTCCTGTATCCAGGAAATTAGTTGCCAACACGACGACT  
TGCTGAGCTCGACCCAGCTTCTGTGCTGAGTCCAGCTGCTGGCCAGTCTGCAGCAGCCTGTAGGCTCGG  
CCTTCTGAGGAGGCTTGTCTCCACCTGTGCTGCTGAAGAGCCACCTGCCAAGCGAGTTCGAGGGAGACCC

TGCTCTACCTGATTTTGTGATGGATGGAACCTTGCTAAACTGTATAGATCAATTGGAGAATATGACA  
 TCCTCCGTGGGATTTTAAATAGTGAGATAGGAACAAAGCAAGTCACTCAGAATGCATTATTAGCAGAAGC  
 AAGAAATGATTATTCTGAAGCCGTTAAGCAGTATAATGAGGCTCTCAATAAACAAGACTGGGTAGATGGT  
 GAGCCTATGGAAGCTGAGAAGGATTTTGGGAACCTGCATCCCTTGACTGTTATAACCAACTTGCTGAGT  
 GGAAATCACTGGCATACTGTTCTACAGTCAGTGTGACAGTGCGAACCTCCAGATTTAAATAAAATGTG  
 GAATGAACCATTTATCAGGAGACCTATCTACCTTACATGATCCGCAGCAAGCTGAAGCTACTTCTGCAA  
 GGTGAGGGAGACCAGTCCCTGCTGACATTTATTTGATGAAGCTGTGAGCAAGGAGCTCCAGAAGGTCCCTCG  
 TAGAGCTTCATTACAGTCAGGAATTGAGTCTCCTTTATATCCTACAAGATGACGTGACAGAGCCAAATA  
 TTATATTGAAAATTGCATTCGGATTTTCATGCAGAGCTATTCTAGTATTGATGTCTTTTAGAGAGAAGT  
 AGACTCACCAAATTGCAATCTCTACAGGCTTTAATAGAAATTCAGGAGTTCATCAGCTTTATAAGGAAAC  
 AAGGTAATTTATCATCTCAAAATCCCTTAAGAGACTTCTAAAAACCTGGACAAACAGATATCCGGATGC  
 TAAAATGGACCAATGAACATCTGGGATGACATCATCAAAATCGATGTTCTTTCTCAGCAAAATAGAA  
 GAAAACTGACTATTCTCCAGATGATCATAGTATGAACACAGATGGAGATGAAGATTCCAGTGACAGAA  
 TGAAAGTGACAGGAGCAGGAGGAAGATATTTATCTCTGATTAAGAGTGGTAAGTTTTCCATGAAAATGAA  
 GATGATAGAAAAGTGCAAGGAAACAGAAAAATTTCTCACTAGCCATGAACTATTAAAGGAGCTTCATAAA  
 GAGTCAAAAACAAGAGATGACTGGCTGGTGAATGGGTGCAGAGCTACTGTGACTCAGTCACAGCCGGA  
 GCCAGACCCAGAATCGTCTGAGCAGATCCTTACTGTGTGAAAACAGTCTCTTTGTTGGATGAGAACAC  
 ATCAAGTACTTAAGCAAAAATATTCCAGTTTCCCGTGACCACAACATTCTCTTGGGTACAACCTTACAGG  
 ATCATAGTAAGTCTCAGCAGTGATCCAACCTTGCTGCTGAAATCGGGGAAAGCAAGGCTAGAAAGAA  
 TCTTGGAGCTGTCTGGATCCAGTTTAGAGAATGCAGAAGAGGTGATCGCAGGTCTATACCAGAGAGTGT  
 GCATCACCTTTCTGAGGCCGTGCGGATTGACAGAGGAGGAGGCCAGCCTTCTACTAGAGGCCAGAACCT  
 GCAGTTGGGGTGATAGATGCTTACATGACACTGGTGGATTTCTGTGACCAGCAGCTCCGCAAGGAGGAAG  
 AGAGTTTCATCAGTTACTGAGTCTGTACAACCTGCGGCTTTCTGCTGAAATCGGGGAAAGCAAGGCTAGAA  
 AGCTTTAAGACTCGATTCCAATGAAGCCAGGCTGAAGTTTCCAGACTACTGCAGATTATAGAACGGTAT  
 CCAGAGGAGACCTGAGCCTAATGACCAAGAGATTTCTTCCATTCTTGGTGGCAGTTTCATTGGCTGGA  
 TCAGCCACATGGTGGCCTTACTGGACAAAGAGGAAGCTGTGCTGTCCATCGCACAGTGGAAGAGATTGC  
 TGATAACTATCCACAGGCGATGGTCTACCCATTATATAAAGCAGTGAAAGCTATTCTTCAAGATACT  
 TCTACTGGTTATAAGAATAAGGAGTTTGTGGAAGGATTAAAATTAAGTTGGATCAAGGAGGAGTGATTC  
 AAGATTTTATTAATGCCCTAGAACAGCTCTCTCATCTGAAATGCTCTTAAAGGACTGGACTGATGATAT  
 CAAAGTTGAACCTTGAAAAAAACCTGTAAATAGAAAAACATTGAAAGATGTATGAAAAATGTATGCA  
 ACCTTGGGAGACCCACAGGCTCCAGGCTTGGGGCTTTTTCGAAGAAGGTGATTACAGGGTTTTGGAAG  
 AATTTGATAAACACTTTGGGAGAGGAGGTTCTAAGCTACCTGGAATGAAATCCCGTGAATTCAGTGATAT  
 TACCAACTCACTATTTTCAAAAATGTGCGAAGTCTCAAAGCCACCTGGGAATCTGAAAGAATGCTCGCCC  
 TGGATGAGTGACTTCAAAGTAGAATTTTGTGAGAAGTGAAGTGGAGATTCTTGGTCAGTATGATGGCAAGG  
 GAAACCACTGCCAATACCATGCACGAATTTGCGGTTGATGAGCGGATAAAAGTAATGGCTTCTAT  
 GAGAAAACCAAGCGTATCATCATCCGAGGCCATGATGAGAGAGAGTACCCTTTCTTGTGAAGGGAGGT  
 GAAGATCTGAGGCAGGACCAACGCATCGAGCAGCTCTTCGAGGTCATGAATGTCATCCTTTCCCAAGATG  
 CTACCTGTAGTCAGAGAAGCATGCAGCTAAAGACATACCAGGTCTATCCCATGACCTCCAGATTAGGACT  
 AATTGAATGGATTGAAAATACTTTTACCTTGAAGGAACCTTTTGTGAGTAACATGTACAAGAGGAGAAA  
 GCGGCTTGTACAAGAGATCCCAAAGCACCACCTTTGAATATAGAGACTGGCTGACAAAGATGTCTGGGA  
 AATGTGATGTTGGTGCTTACATGCTAATGTATAAGGGAGCTAGTCGTACTGAAACAGTCACATCTTTTAG  
 AAAAGAGAAAGTAAGGTGCCAGCCGATCTCTTAAAGCGGGCTTTTGTGAAGATGAGTACCAGCCCTGAG  
 GCCTTCTGACACTCCGCTCACACTTTGCGGGCTCTCACGCTTTGATATGCATTAGTCACTGGATTCTTG  
 GGATTGGAGATAGACATCTGAACAATTTCTGGTAAGCATGGAGACAGGTGGAGTGATTGGAATCGACTT  
 TGGACATGCATTTGGATCAGCTACTCAGTTTCTGCCGGTCCCTGAGTTGATGCCTTTTCTGCTTAACTCGC  
 CAGTTTATCAATCTGATGTTACCAATGAAAGAAACAGGTGTTATGTACAGTATCATGGTGCATGCACTGA  
 GAGCCTTCCGCTCGCAGTCCAACCTGCTTGCCTAACACCATGGACGTGTTGTAAAGGAGCCTTCCCTCGA  
 CTGGAATAAATTTGAACAGAAAATGCGGAAAAAAGGAGGATCATGGATTCAAGAAATAAATGTAAGTGA  
 AAAAATTTGGTATCCCCGGCAGAAAATACATTATGCTAAGAGAAAGTTAGCTGGTGCCAATCCAGCAGTTA  
 TTACTTGTGATGAGTTACTTCTGGGCCATGAGAAGGCAGCTGCATTTGGAGATTATGTGGCTGTAGCAG  
 AGGAAGTGAAGATCAAAATATCCGTGCCAAGAACTGGAGAGTGACCTTTCAGAGAAGCTCAGGTGAAG  
 TGCTTGATTGACCAGGCAACAGACCCCAACATCCTTGGCAGAACCTTGGTAGGATGGGAGCCCTGGATGT  
 GATAA

>GBE0061 |Acc|AJ133469|Ver|AJ133469.1 GI:4468172|Equus caballus mRNA for prostaglandin D2 synthase.

CCAGATCCTGCTCAGATCCTGCAGAATGGCTGCTTACACACGCTGTGGATGGGGTTGGTCTGCTGGGG  
 GTCCTGGGGTCTGACAGACCCGAGCCAGGCCAGCCCTCCCTGCAGCCCAACTTCCAACAGGACAAGT

TCCTGGGCCGCTGGTTACCTCGGGCCTGGCCTCCAACCTCGAGCTGGTTCCGGGAGAAGAAGAAGGTGCT  
GTCCATGTGCACGTGGTGGTGGCCCCGACCGCAGACGGCGGCTTCAACCTCACCTCCACCTTCCCTCAGG  
AAAGACCAAGTGTGAGACCCGGACCTGCTGCTGCAGCCGGCCGGACCCCAAGGCTGCTATAGCTACACGA  
GTCCCCACTGGGGCATGGTCCATGAGGTGTGAGGTGAGACGGACTATGAGGAGTACGCTCTGCTCTA  
CACCCACGCCGAGAGCACCAAAGCCTGGGCGGCCAGGACTTCCGCATGGCCACCTCTACAGCCGTGTG  
CAGAGCCCCGAGGCTGAGGTGAAGGAGAAATTCAGCACCTTCGCCAAAGCCCAGGGCTTCACAGAGGATG  
CCATTGTCTTCTGCCACAGACCGATAAGTGCATGGAGGAGCACAATTAGGTCACCTCAACCTCAGGAC  
CTGGCTGTCTTGGCCCTGCTCTGCTCTTT  
>GBEQ0062 |Acc|AF491288|Ver|AF491288.2 GI:20143976|Equus caballus latherin mRNA, complete  
cds.  
ATGCTGAAGGTCTCCTGCCTCTTCGTTCTCCTCTGTGGGCTCCTTGTCCCGTCTCTGCTCAACAGATCC  
CACCTGAAGTTTCTTCCAGATCACCGATGCTTTGACCCAAGGACTCCTTGACGGGAACCTTCTTTCTCT  
CCTGAATGCAATTAACCTTAGAAGGATTATTGAACACCATCCTCGATCAAGTAACAGGCCTCCTGAACATC  
TTGGTTGGCCCTCTCCTGGGGCCAGCGATGCAGAGATCAAGTTGCAAGACGCTCGACTCCTTCAACTCT  
CCCTTGAGTTTCCCTGATAGCAAGGGGATCGACATATGGATACCATTGGAATTGTCCGTATATCTAAA  
GCTCCTGATTCTTGAACCCCTCACACTTTACGTGCGGACAGATATAAGAGTCCAGCTTCAGTTGGAGAGC  
GACGAAGATGGCAAATACCGACTCGCCTTTGGGCATTGCAGCCTCTTACCTAGGGCTATAGAGCTCCAAT  
CTGGAATCCACTCAGCTTGCCGGTAAATGCTGTTTTGGGGACCATAGAAAACGCCCTGGGAACTTCAT  
AACCGAGGATTTGGGAGCAGAAGCTTTGTCTTACCCTTAATTCATTGGTCTCCAACCTGGATCTGCAGCTG  
GTTAATAATCTGATTAATCTGATACTGGATCGTGCAGACGTTGACCTCAGCGTCTAA  
>GBEQ0063 |Acc|AF035404 AF459024|Ver|AF035404.1 GI:2654199|Equus caballus interleukin-4  
precursor (IL-4) mRNA, complete cds.  
ACTATTAATGGGTCTCACCTACCAACTGCTTCCAGCTTGGTCTGCTTACTAGCATGTACCAGCTTCATC  
CAGGGATGCATATACGACATCACCTTACAAGAGATCATCATAACGCTGAACCTCACAGATGGAAAGGGCA  
AGAATTCGTGCATGGAGCTGACTGTAGCGGATGCCCTTTGGCCCCGAAGAACACAGATGGAAAGGAAATCTG  
CAGGGCTGCAAAGGTGCTTCAACAGTATAAAAGACATGACAGGTCTTGTATCAAAGAATGCCTGAGCGGA  
CTGGACAGGAACCTCAAGGGCATGGCAAACGGGACCTGTGTACTGTGAATGAAGCCAAGAAGAGCAGAT  
TGAAAGACTTTTTGGAAAGGCTAAAGACGATCATGAAAGAGAAATACTCCAAGTGTGTAAGC  
>GBEQ0064 |Acc|U64794|Ver|U64794.1 GI:2654387|Equus caballus interleukin-6 (IL-6) mRNA,  
complete cds.  
ATGAACCTCTTCTTCAAGCACCGTCACTCCAGTTGCCCTTCTCCCTGGGGCTGCTCCTGGTGATGGCTA  
CTGCTTTCCCCACCCCACTACCCCTGGGAGAAGATGAAACACCTCAAATGGACCACTACTCACCCTGC  
AGACAAAACCAAACAGCACATTAAGTACATCCTCGGCAAAATCTCTGCCCTGAAAAATGAGATGTGTAAC  
AATTTTAGCAAGTGTGAAACAGCAAGGAGGTACTGGCAGAAAACAACCTGAATCTTCCAAAGATGGCAG  
AAAAAGACCGACTTCCCAATCTGGGTTCAATCAGGAGACCTGCCTGATGAAAATCACCCTGGTCTTTT  
GGAGTTTCAGATATACCTGGAGTACCTCCAGAACGAGTTCAAGGGTGAAAAGGAAAACATCAAGACTATG  
CAGATCAGTACCAAAGTCCCTGGTCCAGATCCTGTGCAAAAGATGAAGAAATCCAGAAGTAACCACCCCTG  
ACCCAATGCAAAAGCAGCCTGCTGGCTAAGCTGCATTACAGAATGAGTGGCTGAAGAACACAACAAC  
TCACCTCATCCTTCGAAGCCTTGAGGATTTCTGCAGTTGAGCCTGAGAGCTGTTCCGATAATGTAACTT  
TGGCATCTAAGATTGTTGTAGTTTCATGGGCATTCTTCTCTGGTTCAGAAACCTGTCCACTGGGCACATA  
ACTTATGTTGTTCTCTATGAAGAACTAAAAGTATGAGCGTTAGGA  
>GBEQ0065 |Acc|AY040203|Ver|AY040203.2 GI:16740524|Equus caballus granulocyte-macrophage  
colony-stimulating-factor (GM-CSF) mRNA, partial cds.  
ATGTGGCTTCAGAACCTGCTTCTTCTGGGCACGTGGGTTACAGCATGCCCGCACCCACCCGCCAACCCA  
GCCCTGTCACTCGGCCCTGGCAGCATGTGGATGCCATCAAGGAGGCCCTGAGCCTTCTGAACAACAGTAG  
TGACACTGCTGCTATCATGAATGAAACAGTAGAAGTCGTCTCTGAAACGTTTGACGCCGAGGAGCTGACA  
TGCTTCGAGCTCGCCTGAGCTGTACAACAGGGCTTGCGGGGCAGCCTCATCAAGCTCGAAGGCCCTT  
TAACCATGATGGCCAGCCACTACAAGCAGCACTGCCCCCCCCACCTTGGAAACTTCTGTGCAACCCAGAT  
GATCACCTTCAAAAGTTTCAAAAGAACCTGAAGATTTTCTGTTTGAGATCCCGTTTGACTGCTGGAAC  
CAGCCCGAAGTAAGGCAGGCCTTCCAGCTAGGAGCTAGCCCTGGGAGCTCACCTCACAGATTGCTGCTG  
TCCCACTCACAAAGAACCAGAACTCAGGATCTTCAGCTGGAGGGACCAAGGGTGGGCCATGGCTGTTG  
AGAACATGGACTTGCTCTGGGCCGTACTGACCACGATATGGGTGTTGGTAGGGGAGTAGGGGATATTTTAC  
ACTGGCGGGGATCAGTAATATTTATTTATATATTTATGTATTTTAAATATTTATTTATTTATTTATTTAAG  
CTCATACTCCATATTTATTTCAAGATGTTTTACCATTAGAATAAATTTATTTAAACCCAAAAA  
AAAAAAAAA  
>GBEQ0066 |Acc|AF307972|Ver|AF307972.1 GI:13898379|Equus caballus E-selectin mRNA,  
complete cds.



GCATTTTCAAGTCTAATCTTTGGATCAGAAGGACTCTTGAAGTCATGATTGCTTCACAGTTTCTCTCTGC  
TCTCACTCTTGTGCTTCTGATTAAGGAGAGCGGCGCCTGGTCTTACAGTGCCTCCACAACAAACATGACT  
TTTGACGAGGCCAGTGCTTATTGTTCAGCAAAGGTACACGCACCTGGTTGCGATTCAAACACAGGAAGAAA  
TTAAATACCTCAACTCCATATTCAACCATTACCAAGTTACTACTGGATTGGAATCAGAAAGGTCAACGA  
TAAGTGGGTCTGGATAGGGACCCAGAAGCCTCTGACTGAAGAGCCAAGAAGTGGGCTCCAGGTGAACCG  
AACAATAAGCAAAATGAGGACTGTGTGGAGATCTACATCAAGAGATACAAGGATGCGGGCAAGTGGAAATG  
ATGAGAATTGCAATAAAAAGAAGCTTGCTTGTGCTACACAGCTGCCTGTACCCATACATCCTGCAGTGG  
CCACGGTGAATGTGTGGAGACCATCAACAACCTACACTTGCCAGTGCCACCCTGGCTTTACTGGACTCAGG  
TGTGAGCAAGTTGTGACCTGTCAAGCACAGGAAGCTCCTGAGCACGGACGCCCTGTTTGCACCCACCCCTT  
TGGGGAACCTTCAGCTACAATTCTTCTGCTCGGTGAGCTGTGAAGAGGGCTACCTCCCAAGCAGAACAGA  
GGCCATGCAGTGCCTTCTCCGGAGAGTGGAGCGCTCCTCCTCCAGCCTGCCATGTGGTTGAGTGTGAT  
GCTTTGACGAATCCTGCCAATGGAGTTATGCAATGTTCCCAAAGCCCTGGAAGCTTCCCATGGAACACAA  
CCTGCACATTTGACTGTGAGGAAGGGTTTGAACCTAACGGGACCCAGCACCTCCAGTGTACCCCATCTGG  
GAATTGGGACAACGAGAAGCCGACGTGTAAAGCTGTGACATGTGGTGCCGGCGGCCATCCTCAGAATGGC  
TTTGTGAAGTGTAGCCACTCCTCTGCTGGAGAGTTCACTTCACTCATCTTGCAACTTCACTGTGAGG  
AAGGCTTCGTGCTGCAGGGGCCAGCCAGGTTGAATGCACCTGCACAAGGGCAATGGACACAGCAGGTTCC  
GGTTTGTAAAGCTTTACAGTGCAGAGCCCTGTCCAGACCAGAGAGGGCTACATGAGTTGTGCTCCTAGC  
ACTTCCGGAAGTTTCCAAAGTGGGTCCAGCTGTGAATTCTCCTGTGAGCAAGGATTTGTGTTGAAGGGAT  
CCAAAAGCTCCGTTGTGGCCCCACAGGGGAGTGGGACAGTGAAGAGCCACATGTGAAGCTGTGAGATG  
TGATGCTGTCCGTGAGCCCCAGGGTGGTTTGGTGAGGTGTACCCATTCTGCTGCGGGAGAGTTACCTAC  
AAGTCTCCTGTGCTTTCAGCTGTGAGGAAGGCTTTGAATTACGTGGGTGAGCTCAATTGGAGTGCACAT  
TGCAGGGACAATGGACACAGGAGGTCCCGTCTGCCAAGTGGTACAATGTGCAAGCCTGGCAGTTCCCGG  
AAAGGTGAGCATGAGCTGCAGTGGGGAGCCTGTGTTTGGTGCTGTGTGTACATTTGCATGTCTGAAGGA  
TGGACGCTCAATGGCTCTGCAGCTCTGACATGTGGTGCCACAGGACACTGGTCTGGGATGCTGCCTACCT  
GTGAAGCTACCGCCAAATCCAACATTCCTTTGACAGTTGGACTCTCTGCTGCTGGAACCTCCCTCTTGAC  
ATTAGCATCATTTCTCTTCTGGCTTCTGAAACGACTTCGGAGGAAAGCAAAGAAATTTGTTCTGCCAGC  
AGCTACCAAAGCCTTCAGTCTGATGGATCCTACCAAATGCCCTTCTGAGTCAGCATAAGTCCCAAGGAATC  
AGTTGCAGGAACACAGTGCCTTC

>GBEQ0067 |Acc|AF411802|Ver|AF411802.1 GI:15553779|Equus caballus heat shock protein 70  
cognate mRNA, partial cds.  
GATTAACAAGAGGGCTGTCCGTCGCCACTGCTTGTGAACGTGCTAAGCGTACTCTCTCTTCTAGC  
ACCCAGGCCAGTATTGAGATTGATTCACTCTATGAAGGAATCGACTTCTATACCTCTATTACCCGTGCC  
GATTTGAAGAATTGAATGCTGACCTGTTCCGTGGCACCCTGGACCTGTAGAGAAAGCCCTTCGGGATGC  
CAAGCTGGACAAGTCCAGATTGATATTGTCTAGTGGGTGGTTCTACCCGCATCCCCAAGATTTCAG  
AACTTCTACAGCCTTCTTCAACGGGAAAGAACTGAATAATCACTAGT

>GBEQ0068 |Acc|U95039|Ver|U95039.1 GI:2072246|Equus caballus tissue inhibitor of  
metalloproteinase-1 (TIMP-1) mRNA, complete cds.  
AGGCAGAGCACCCACCATGGCCCCCTTTGCACCCCTGGTCTCCGGCATTCTGTTGTGCTGTGGCTCACA  
GCCCCAGCAGGGCCTGTACGTGTGTCCACCCCCACCCGCAGACGGCCTTCTGCAGCTCTGAGTTCTGCA  
TCAGGGCCAAGTTCGTGGGGACCTCAGAAGTCAACCAGACCACCTTACAGCGGCGTTATGAGATCAAGAT  
GACCAAGATGTTCAAAGGGTTCAGCGCCTTGGGGGATGCCCCGTGACACCTGGTTTGTCTACACCCCGCT  
ATGGAGAGCCTCTGCGGATACTTCCACAGGTCGGAGAACCAGCAGCGAGGAGTTTCTCATCGCCGGACAAC  
TATTGGACGAGAAGCTGTACATCACACCTGCAGTTTCTGTTGGCTCCCTGGAACAGTCTGAGTCCGCTCA  
GCGCCAGGGCTTACCAAGACCTACGCCGCCGGCTGTGGGGAATGCTCAGTGTTCCTGTTTCATCCATC  
CCCTGCAAACTGCAGAGTGACACTGATTGCTTGTGGACGGACAGCTCCTCACAGGCTCTGACAAGGGCT  
TCCAGAGCCGCTACCTCGCTGCCTGCCCGGGAGCCAGGGCTGTGCACCTGGCAGTCCCTTCGGCCCCG  
GACGGCCTGAATCCTGTCTCCAGCAGAAGCTGAAGCTTGACAGTGTTCACCCCTCTTCCCATTCCTATC  
TTTCTTTCTCCAAGACAGTGAAATAAAGAACTACCACCCAAA

>GBEQ0069 |Acc|U62529|Ver|U62529.1 GI:1480745|Equus caballus matrix metalloproteinase 3  
mRNA, complete cds.  
GAGCAAAGAGCAAGGCATTAAAGGCAACGTAGAGCTGAGTAAAGCCATCGGAAATGAAGAATCTTCCAATT  
CTGCTGTACTATGCGTGGCAGCGTGCTCAGCCTATCCGTTGGACAGATCTGCAAGGGACGAGGATAGCA  
ACATGGACCTTCTTCAAGGACTACCTAGAAAAATACTACGACCTTGGAAAAAGAAATGAGACAAATATGTTAG  
AAGAAAGGACAGTGGTCTTATTGTTAAAAAAATTCAGAAATGCAGAAAGTTCTTGGGGTTGAAGGTGACA  
GGAAGCTGGACTCTGACACTGTGGAGGTGATGCACAAATCCAGATGCGGAGTTCTGATGTCTGGTCACT  
TCACTACATTTCTGGCATGCCAAAGTGGAGCAAACTACCTTACTTACAGGATTGTGAATTATACACA  
GGATTGCCAAGAGATGCTGTTGATTCTGACGTTGAGAAAGCTCTGAAAATCTGGGAGGAGGTGACTCCA

CGGGTCTCCTGCCTCCTCCTCCTGCTCCAAGAGCCTCCTGCATGAGGGGCGGGTAGAGACCCGGACCCAC  
GCCCTGCTCCTGCGCGCTCGCTGCAGGCCCCCGCAGTGAGCCATGATACGCGCTCGGGGCTCCCCAGACGCT  
GGTGTCTGCTGACGCTGCTCGTCGCGCTGTCTCTCGGTGTACGCGCAGGATGTCCGCGCAGCCAGGACCG  
AAGGACAGAAAGGAGAACCTGGAGACATCAAGGATATTGTAGGACCCAAAGGACCTCTGGACCTCAGG  
GACCTGCAGGTGAACAAGGACCCAGAGGTGATCGTGGTGACAAAGGAGAAAAAGGTGCCCCCTGGACCTCG  
TGGCAGAGATGGAGAGCCTGGGACCCCTGGAATCCTGGCCCCCTGGTCTCTCTGGCCCCCTGGTCCC  
CTGGCCCTTGGTGAAACTTTGCTGCCAGATGGCTGGAGGATTGATGAGAAGGCTGGTGGCGCCACAG  
TGGGAGTAATGCAAGGACCAATGGGCCCTATGGGACCACGTGGACACCAGGCCCTGCTGGCGCTCTGG  
ACCTCAAGGATTTCAAGGCAACCCTGGTGAACCTGGGGAACCCGGCGTCTCTGGTCCCATGGGTCCCCGT  
GGTCTCCTGGCCCCCTGGAAAAACCTGGTGATGATGGTGAAGCTGGAAAGCCTGGAAAAATCTGGTGAAA  
GAGGCCCTCTGGCCCTCAGGTTGCTCGCGCTTCCCGGGAACCCAGGCCCTCTCTGGTGTCAAAGGTCA  
CAGAGGTTACCCAGGTCTGGATGGTGCTAAGGGAGAAGCCGGTGCTCCAGGTGTGAAGGCGAGAGATGGT  
TCCCCGGGTGAGAATGGTTCTCCGGGCCCAATGGGTCCCCGCGGCCCTGCCTGGTGAGAGAGGACGGACTG  
GCCCTGCTGGCGCTGCAGGTGCCCGGGGTAAACGATGGTCAACCAGGCCCCGCGAGGGCCCTCGGGTCCAGT  
AGGTCTCTGGCGGCTCCTGGATTCTCTGGTGCTCCGGTGCCAAAGGCTGAAGCTGGCCCCACTGGTGCT  
CGTGGTCTGAAGGTGCTCAAGTCTCTGCTGGCGAACCTGGTACTCTGGGTCCCCAGGCCCTGCTGGTG  
CTGCTGGTAAACCCTGGAACCTGATGGAATTCCTGGAGCCAAAGGATCTGCTGGTGCTCCTGGCATTGCTGG  
TGCTCCCGGCTTCCCTGGTCCCCGTGGTCTCCCGGCCCTCAAGGTGCAACTGGTCTCTGGGCCCCGAAA  
GGTCAGACGGGTGAACCTGGTATTCTGGTCTTCAAAGGCCGAACAAGGCCCAAGGGAGAACCTGGCCCTG  
CTGGTCCCCAAGGAGCCCTGGTCTGTGGTGAAGAAGGCAAAAGAGGTGCTCGTGAGAGGCTGGCGG  
TGCTGGGCCTGTGGTCCCCCTGGAGAAAGAGGTGCTCCTGGCAACCGTGGTTTCCAGGTCAAGATGGT  
CTGGCCGCTCCCAAGGAGGCCCTGGAGAGCGAGGGGCCAGTGGCCTTGTCTGGCCCCAAGGAGGACCAATG  
TGACCTCTGGCCGTCCCGGCGAGCCTGGCCCTTCTGGAGCCCGGGGTCTCACTGGTCGCCCTGGTGATGC  
TGGTCTCAAGGCAAAGTTGGTCCCTCTGGTGCCCTGGTGAAGATGGTGCCTGGACCTCCAGGTCTCT  
CAGGGGGCTCGTGGGCAGCCTGGTGTGATGGGTTTCCCTGGCCCCAAAGGTGCCAATGGCGAGCCTGGCA  
AAGCTGCTGAAAAGGGAGCTCCTGGTGCTCTCTGGTGTGAGAGGCTTCTCTGGCAAAGATGGTGAGACAGG  
TGCTGCAGGACCCCGGACCTGCTGGACCTGCTGGAGACAGGGCGAGCAGGCTGCTCTGGACCGCTCT  
GGGTTCCAGGACTTCTTGCCCTCCCGGTCCCCAGGCGAAGGTGGAAAAACAGGTGACCAGGGTGTTCT  
CCGGAGAAGCTGGAGCCCCCGGCCTCGTGGGTCCAGGGGTGAACGAGGTTTCCAGGTGAACGTGGCTC  
TCCCGCGCGCCAGGGGCTCAGGGTGCCCGTGGCTCCCCGGCAGCTCTGGCATGATGGTCTCTAAAGGT  
GCATCTGGCCAGCTGGCCCCCTGGGGCTCAGGGTCTCCAGGCTTGCAGGGATGCTTGGTGAGAGGG  
GAGCAGCTGGTATCGCCGGGCCCAAGGGAGACAGGGGTGATGTTGGTGAGAAAGGCCCTGAGGAGCCCC  
CGGCAAAGACGGTGGACGAGGTCTGACTGGTCCCATTTGGCCCCCTGGCCCGGCTGGCGCCAAACGGTGAG  
AAGGGAGAGATTGGACCTCTGGTCTCTGCAGGAACCTGCTGGTGCTCGTGGTGCCTGGCCCGGGCGAACGTGGAG  
AGACTGGACCCCGGACCCGCTGGATTTCGAGGCTCTCCGGTGCTGATGGCCAGCCTGGTGCTAAGG  
TGAGCAAGGAGAGGCGCGGCGAGAAAGGTGATGCTGTGTCCCAAGGCTCTCAGGGCCCCCTGGAGCTCCT



GGGCCTCAGGGTCCTACTGGTGTGACTGGTCTTAAAGGAGCCCCGAGGTGCTCAAGGGCCCCCGGGAGCCA  
 CCGGATTCCTCCCGGAGCTGCTGGCCGTGTCGGACCCCCAGGCTCCAATGGCAACCCTGGACCCCCGGTCC  
 CCTGGTCTCTTCTGGAAAAGATGGTCCCAAGGTGCTCGAGGAGACAGCGGTCCCCCGGCGGAGCTGGT  
 GACCTTGGCCTTCAAGGTCTGCTGGACCCCCCTGGCGAGAAGGGAGAGCCTGGAGATGATGGTCCCTCTG  
 GTCTTGACGGTCTCCAGGTCCCCAGGGTCTGGCTGGACAGAGGGGCATCGTTGGTCTGCCTGGGCAGCG  
 TGGTGAGAGAGGATTCCCCGGCCTGCCCTGGCCCATCGGGCGAGCCTGGCAAGCAGGGAGCTCCTGGAGCA  
 TCTGGAGACCGAGGATCCCCCTGGACCCCTGGGTCTCTGGCCCTGACTGGTCTGCTGGTGAACCTGGAC  
 GAGAGGGAACGCCTGGTGTGATGGCCCCCTGGCAGAGATGGTGCAGCTGGAGTCAAGGGTGATCGTGG  
 TGAGGCTGGTGGCCTGGGTGCTCCCGGAGCCCTGGACCCCTGGCTCTCTGGCCCTGCCGGCCCAACT  
 GGCAAGCAAGGAGACAGAGGAGAAGCTGGTGCAAAAGGCCCATGGGACCTGCAGGACCAGCTGGAGCCC  
 GAGGATTGCCAGGCCCTCAAGGTCCCCGAGGTGACAAAGGAGAAGCTGGAGAGGCTGGCGAGAGGGGACT  
 GAAGGGACACCGTGGCTTCACTGGTCTGCAGGGTCTGCCTGGCCCTCTGGTCTTCTGGAGACCAAGGT  
 GCTTCTGGTCTGCTGGTCTTCTGGCCCTAGAGGTCTCTGGCCCGCTCGGTCCCTCTGGCAAAGATG  
 GCGCTAATGGAATCCCTGGCCCCATCGGACCTCTGGCCCCCGTGGACGTTTCAAGCGAACTGGCCCCGC  
 TGGTCTCTCCCGAAATCTGGACCCCTGGCCCTCCAGGTCCCCCTGGCCCTGGCATCGACATGTCCGCC  
 TTTGCTGGCCTGGGCCGAGAGAGAAGGGCCCTGACCCCTGCAGTACATGCGGGCTGACGAGGCGGCTG  
 GCGGCTGAGACCGCATGACGAGGAGGTGGAGGCTACACTCAAGTCCCTCAACAACAGATCGAGAGCAT  
 CCGCAGCCCCGAGGGCTCCCGCAAGAACCCTGCTCGCACCTGCCGGGACCTGAAACTCTGCCACCCTGAA  
 TGGAGAGCGGAGACTACTGGATTGACCCCAACAGGGCTGCACCTTAGACGCCATGAAGGTTTTCTGCA  
 ACATGGAGACTGGCGAGACCTGCGTCTACCCCAACCCAGCGAACGTTCCCAAGAAGAAGTGGTGGAGCAG  
 CAAGAGCAAGGACAAGAAACATATCTGGTTTGGAGAAACCATCAACGGTGGCTTCCACTTCACTATGGA  
 GATGACAACCTGGCTCCCAACACTGCCAACGTCAGATGACCTTCTGCGTCTGCTGTCCACCGAGGGCT  
 CCCAGAACATCACCTACCATGCAAGAACAGCATTGCCTACCTGGACGAGCAGCTGGCAACCTCAAGAA  
 GGCCCTGCTCATCCAGGGCTCCAATGACGTGGAGATCCGGGCTGAGGGCAACAGCAGGTTACGTATACT  
 GTCTGAAGGATGGCTGCAGGAAACACACCGGTAAGTGGGGCAAGACTACGATTGAGTACCGGTACAGAG  
 AGACCTCGCGCTGCCATCATTGACATTGCACCCATGGACATAGGAGGGCCTGAGCAGGAATTTGGTGT  
 GGACATAGGGCCCGTCTGCTTCTTGTAAATAACCTGAATCCAGAAACACACAATCCATTGCAAAACCCAAA  
 GGACCAAGTACTTTCCAATCCAGTACGCTAGGACTCTGCACTGAATGGCTGACCTGACCTGATGGCC  
 ATTCAGCCACCCCTCTCAGATTTGGACTCTTCTCCCTCTCTTTCTAAGAGACCTGAACTGGGCAGACT  
 GCAAAATAAATCTCGGTGTCTATTTAAAA

>GBE0071 |Acc|AF401626|Ver|AF401626.1 GI:15282043|Equus caballus microphthalmia  
 transcription factor mRNA, partial cds.

AACTCCAACCTGTGAAAAGAGGGGTTTTATAAATTTGAAGAGCAAAACAGGGCGGAGAGCGAATGCCAA  
 GTATGAACACACATTCGCGAGCATCGTGCATGCAGATGGATGATGTGATCGATGACATCATTAGCCTAGA  
 ATCAAGTTATAATGAAGAAATCCTGGGCTTGATGGATCTGCCTTGCAATGGCAATACGTTACCTGTC  
 TCCGGAACCTTAATTGACCTTTACAGCAACCAAGGCCTGCCGCCCCAGGCCTCACCATCAGCAACTCGT  
 GTCCAGCCAACCTCCCCAACATAAAAAGGGAGCTCACAGAGTCGGAAGCAAGAGCATTGGCTAAAGAGAG  
 GCAGAAAAAGGACAATCAAACTTGATTGAACGAAGAAGAAGATTTAACAATAATGACCGCATTAAGAA  
 CTAGGTACTTTGATTCCCAAGTCAAATGATCCAGACATGCGCTGGAACAAGGGAACCATTTTAAAGCAT  
 CTGTGGACTATATCCGAAAATTGCAACGAGAACAGCAACGTGCAAAAGAACTTGAAGAACGACAGAAGAA  
 ACTGGAGCATGCCAACCGGCATTTGTTGCTCAGAATACAGGAACCTGAAATGCAGGCTCGCGCTCATGGA  
 CTTTCCCTTATTCCATCCACGGGTCCCTGCTCTCCAGATTTAGTGAATCGGATCATCAAGCAAGAACCCG  
 CCCTTGAGAACTGCAACCAAGACCTCCTTCAGCATCACGAGACCTAAGTTGTACAACCAACCTGGATCT  
 CACAGACGGCACCATCAGCTTCAACAACAACCTCGGAACCGGGACCGAGAGCAACCAAGCCTACAGCATC  
 CCCGCGAAAATGGGATCCAACTGGAAGACATCCTGATGGATGATACTCTTTCTCCGGTTGGTGTAACTG  
 ATCCWCTGCTTTCTCAGTGTCCCCGGAGCTTCAAAACGAGCAGCCGAAGGAGCAGTATGAGCATGGA  
 AGAAACCGAGCATGCTTTGTAGCAATCCTTCGCATCTGCATCTCAGACTGCTTCTTCTTGATT  
 AGTAGATTTCAATAATTTACCTGAAGAGGTTTTCTTGATAA

>GBE0072 |Acc|X98459|Ver|X98459.1 GI:1403309|E.caballus mRNA for P19 lipocalin protein.  
 CCTTGTCACCTCTGCTGACCATGAACCTCCTGTTGCTGGCCATGGGGCTGATTCTGCCTCGGCGGCCCC  
 AGCCCTTGACATGGGCCCTGGGGACCCCACTTCGATGAGAAGCTGGTCAAGGGCAAGTGGTTCTCGGT  
 GGCCTGGCCTCTAATGAGCCGAAATTCATAGCGAAGGACACGGACATGAAGTTCTTCATCCACAAGATC  
 CAGGTGACCCCTGAGAGCTGCAGTTCACCTCCACAGAAAGGTAAGAGGTATGTGTGTCCCAACTATGA  
 TGACGGCTCACAAAACGAAAAAGAGTTTCAGTACACAGTGAACCATTCGGGCCACAAGACGATCTTCT  
 GGAGAAAGTGGACCCCAAGCACTTCGTATATTTCTGCGCCACAGCATGAAGCACGGGAAGGAGACGGTG  
 GTGGTGACCTCTTCAGCCGACCCCTACCGTGAGCCCGGATGTCATGTGGATGTTTAAGAAGTACTGTA  
 AAACCCACGGGATTACACAAGCAACATCGTTGATCTGACCCAACTGATCGGTGCCTCCACGCCCGCCA

CTAGGTGGGCCAAGGGTCCAGGGGCGTCTCCCAGGCGCTGTGCCACCCTCCCCAAAGGACCAGAAAATTG  
AAGTCAACCCCAAGGAGCCTTCAGCTGCCCTGCCCTTAGGAAGCCCTCCTGGACACCCCTCCCCGTGGAG  
CCCAATAAACGACTGACTCCAGAAAAA  
>GBEQ0073 |Acc|Y18204|Ver|Y18204.1 GI:4583556|Equus caballus mRNA for high affinity  
immunoglobulin E receptor alpha subunit.  
CTCGTTGGCACCTGGAGGCCACAGAGGAGATGCCTGCTCCCATGGGAAGCCCTGCCCTGCTGTGGATAAC  
TTTTCTGCTCTTCTCTCTGGATGGCGTGCCAGCAGCCATCCGAAATCTACAGTGTCTTGAATCCCCCA  
TGGAAATAGAATATTTTCGAGGAGAGAATGTGACTCTTACATGTAATAAGAACAAGCCCTTAAAGGCAACT  
CCACTGAGTGGACCTACAACAACACCCTTTAGAGTGACAACCTCAAGTTTGAACATCACTAATGCCTC  
ACACCGGAGCAGTGGGGAATACAGATGTCCGAACAATGACTTGAACCTGAGTGAAGCTGTGCACCTAGAA  
GTTTTCACTGACTGGCTGCTCCTTCAGGCCCTCTGCTGAGGAGGTCATAGAGGGTAAGGCCCTCGTTCTCA  
GGTGGCGTGGCTGGAAGGATTGGGACGTCTTCAAGGTGATCTACTACAAGGATGGCAAACCCCTCGAGTA  
CTGGTATGAGAACAAAAACATCTCCATTGAAAGTGCCACAACAGAAAAAGTGGCACCTATTACTGCGAG  
GGTGTCTTTAACTTTAAGCGAACAAGTGAACGCTATACCTCTGATTACCTCAACATTACTGTAAAAAAG  
CTGAGCAAAGCAAACGCTACTGGCTACAATTTATTATCCATTGTTGGTGGTATTCTGTTTGTGTGGA  
CACAGGATTGTTTGTCTCGACCCAGCAGCAGTTAACATTTCTCTTGAAGATTAAGAGGACCAGGAGAGGC  
AGAAACTTATGGACCCCATCTTAAGTGAGACCCGAGAAAGAACTGATGTCACCTGCTCAAGAAACCTT  
TGCAACAGCAATTTCTTCTGGCATCAGCAATTGCTTTTCAGTTGTCAAACACAGATCATAATGTACATA  
GAAAGGTCTATGCCACGGCTTTCGAGAATTGCATCATTAACTAACTAGAACTGGTTAAGTGGCATGTA  
ATAG  
>GBEQ0074 |Acc|AF092539|Ver|AF092539.1 GI:3661605|Equus caballus cytosolic phospholipase  
A2 (PLA2) mRNA, complete cds.  
GTGAAACATTTCTGTAAATTGAAACCAAAATGTCATTTATAGATCCTTATCAGCACATTATAGTGGAGC  
ACCAGTATTTCCACAAGTTCACGGTAGTGGTGTACGTGCCACCAAGTGACAAAGGGGGCCTTTGGTGA  
CATGCTTGATACTCCAGATCCCTACGTGGAACCTTTTCATCTCCTCAACCCCTGACAGCAGGAAGAGAA  
AGACACTTCAATAACAACATAAAACCCCGTGTGGAAATGAGACCTTTGAATTTATTTTGGATCCGAATCAGG  
AAAATGTTTTGGAGATTACGTTAATGGATGCCAATTATGTCTGATGGATGAACTCTAGGGACAGCAACATT  
TACCCATATCGTCTATGAAGGTGGGAGAGAAGAAAGAGGTTTCTTTTCAATTTTCAACCAAGTCACTGAAATG  
ATTCTGGAAATGTCTCTTGAAGTTTGTTCGTGCCAGACCTCCGATTTAGTATGGCTCTGTGTGATCAGG  
AGAAGACTTTCAGACAACAGAGAAAAGAGAACATAAAGGAAACATGAAGAACTCCTGGGTCCAAAGAA  
GAGTGAAGCTTGATTCAACACGTGATGTGCCTGTGGTTGCCATCTTGGGCTCAGGCGGAGGTTCCGA  
GCCATGGTGGGATTCTCCGGGGTGATGAAGGCATTATATGAGTCAGGAATTCTGGATTGTGCTACCTATC  
TGGCTGGTCTTTCTGGCTCCAGCTGGTACATGTCAACCTTGTATTCTCACCTGATTTTCCAGAGAAAGG  
GCCAGAGGAGATTAATAAAGAGCTAATGAAAAATGTTAGCTACGACCCCTTTTACTTCTCACGCCACAG  
AAATTAAGAGATTTGTGAGTCTTTGTGGAAGAAAGAAAGCTCTGGACAACCTGTCACTTTTACCTTGACA  
TCTTTGGGATGTTAATAGGAGAAAACATAATTCACAATAGAATGAACACTACCTTGAGTAGTTTGAAGGA  
AAAGGTCAATACTGCACAGTGCCGTTACCTCTTTTACCTGTCTCCATGTGAAACCCGATGTTTCAGAG  
CTGATGTTTGCAGATTGGGTGAATTTAGTCCGTATGAGATTGGCATGGCTAAATATGGGACTTTTATGG  
CTCCAGACTTATTTGGAAGCAAATTTTTTATGGGAACAGTCGTTAAGAAGTATGAAGAAAACCCTTGCA  
TTTCTTAATGGGTGTCTGGGGCAGTGCCTTTTCTATATTGTTCAACAGAGTCTTGGGCGTTTCTGGCTCA  
CAAAATAAAGGTTCCACAATGGAGGAAGAATTAGAAAATATTACGGCAAAGCACATTGTGAGTAATGATA  
GCTCAGATAGCGATGATGAGTCACAAGAACCCAAAGGCACTGAGAATGAAGATGCTGAAAGGGACTATCA  
AAATGATAATCAAGCAAGTTGGGTCCATCGTATGTTAATGGCCTTGGTGAGTGACTCCGCTTTATCAAT  
ACCAGAGAAGGACGTGCTGGGAAGGTGCACAACCTTCATGCTGGGCTTGAATCTCAACACATCGTACCCAC  
TGTCTCCTCTGAGGAACCTTTACCACACAGGAGTCCCTGGATGATGATGAACCTGGATGCAGCTGTAGCAGA  
TCCTGATGAGTTTGAAGCAATATATGAGCCTCTGGATGTCAAAAGTAAAAAGATTGATGTAGTGGATAGT  
GGCCTCACTTTAAGTCCGTACCCGCTGATCCTGAGACCTCAAGAGGAGTTGATCTCATCTCTCCT  
TTGACTTTTCTGCAAGGCCAAGCGACTCTAGTCCCTCCGTTCAAGGAACCTTCTACTTGCAGAAAAGTGGGC  
TAAATGAACAAGCTCCCTTTTCAAAGATTGATCCTTATGTGTTTATAGAGAAGGACTGAAGGAGTGC  
TATGTCTTTAAACCCAAAGATCCTGATGTGGAGAAAGATTGCCCAACCATCATCCACTTTGTTCTGGCCA  
ACATCAACTTCAGGAAGTACAAGGCTCCAGGTGTTCCAGAGAACTAAGGAAGAGAAAGAAATAGCTGA  
CTTTGATATTTTGTATGACCCAGAATCACCGTTTTTCAACCTTCAATTTTCAATATCCAAATCAAGCGTTC  
AAACGGCTGCACGATCTGATGCACTTCAACACCCTGAACAACATTGACGTGATTAAGAATGCCATGGTTG  
AAAGCATTAATATAGAAGGCAGAATCCGTCCTGTTGCTGTTTCCCTCAGTAATGTTGAGGCAGGAAG  
ATTCTTCAACAAGGAGTTTCTAAACAACCCACAGCATGTTTGTGTACTGGAAACGGCAGCAATTT  
>GBEQ0075 |Acc|AB053350|Ver|AB053350.1 GI:12082342|Equus caballus mRNA for vascular  
endothelial growth factor 164, complete cds.

AGCCGGAGAGGGAGCGTGAGCCGCGCCGGCCCCGGCCGGGCTCCGAAACCATGAACTTTCTGCTCTCTT  
GGGTGCATTGGAGCCTTGCCCTTGCTGCTCTACCTCCACCATGCCAAGTGGTCCCAGGCTGCACCCATGGC  
AGAAGGAGAGCATAAAACCCATGAAGTGGTGAAGTTCATGGACGCTTACCAGCGCAGCTACTGCCGTCCA  
ATCGAGACCCTGGTGGACATCTTCCAGGAGTACCCCGATGAGATCGAGTACATCTTCAAGCCATCCTGTG  
TGCCCTGATGCGGTGTGGGGCTGCTGCAACGACGAGGGCCTAGAGTGGTGGCCACTGCCGAGTTCAA  
CATCACCATGCAGATTATGCGGATCAAACCTCACCAGCAACACATAGGAGAGATGAGTTTCCTACAG  
CATAGCAAATGTGAATGCAGACCAAAGAAAGATAAAGCAAGGCAAGAAAATCCCTGTGGCCCTTGCTCAG  
AGCGGAGAAAGCATTGTTGTACAAGATCCGCAGACGTGTAAATGTTCTGCAAAAACACAGACTCGCG  
TTGCAAGGCGAGGCAGCTTGAATTAACGAACGTACTTGCAGATGTGACAAGCCGAGGCGGTGA  
>GBEQ0076 |Acc|AJ292081|Ver|AJ292081.1 GI:13539196|Equus caballus mRNA for intestinal  
Na<sup>+</sup>/glucose co-transporter (sglt1 gene).  
ACGCATCGCCGCGCCGCCCATGGACAGCAGCCTGGAGCCCCGGGACCGCCACCACCGCCGCGCC  
CTCGCTCTATGAGCGCATCGTAATGCGGCCGACATCTCTGTCATCGTCTACTTCTGGTGGTGA  
TGGCTGTGCGGGCTGTGGGCTATGTTTTCCACCAACCGTGGGACTGTTGGAGGCTTCTTCTCGCAGGACG  
AAATATGGTGTGGTGGCCGATTTGGAGCCTCTCTCTTGGCAGTAACATTGGAAGTGGCCACTTTGTGGG  
CTGGCGGGGTGAGGAGCAGCTTCAAGCATCGCCATGGGGGGCTTTGAATGGAACGCCCTGATTTGGTAG  
TTGTGCTGGGCTGGGTGTTTGTCCCATTTACATTAAGGCTGGGGTGGTGACGATGCCAGAGTACCTGAA  
GAAGCGATTGAGGCGCAGCGGATCCAGGTCTACCTCTCTCTTCTGTCCCTGTTGCTCTACATTTTCACC  
AAGATCTCGGCAGACATCTTCTCTGGGGCCATATTATCAACATGGCCTTGGGCTGGATCTGTACCTGG  
CCATCATTTCTTATTGGCAGTCACTGGCATTACACAATCACAGGGGGCTGGCGGCTGTGATTTACAC  
GGACACCTTGCAGACTGCGATCATGCTGGTGGGTCTGCTATCCTGACTGGGTTTGCTTTTAAATGAGGTG  
GGAGGCTATGAAGCCTTCATGGAAAAGTACATGAAGCTATTCCAACCATGATTTCTGATGGAACATCA  
CCATCAAGAAGAATGCTACACCCCAAGGGCCGACTCCTTCCACATCTCCGAGATCCCCCAAGGGAGA  
CCTGCCATGGCCTGGGCTCATCTTTGGGCTGTTTCACTCCTCACCCTGTGGTACTGGTGCACAGATCAGGTC  
ATCGTGCAACGCTGCCTCTCAGCCAAAACATGTCTCATGTGAAGGGCGGCTGTATCATGTGTGGGTACC  
TGAACTACTGCCCCATGTTCTCATGGTGTGACGGGAATGGTCAGCCGCATCCTGTACACAGAAAGAGT  
GGCCTGCCCTCCCTCAGAATGTGAGAAATATTGCGGCATCAAGGTTGGCTGTTCCAACATTGCCTAC  
CCAACCTTGGTGATAGAGCTCATGCCTGATGGATTGCGAGGCCTGATGCTATCAGTCACTGTTGGCCTCC  
TCATGAGCTCCCTGACCTCCATCTTCAACAGTGTAGCACCTCTTCCACATGGACATCTACACCAAGAT  
CCGGAAGAGAGCATCTGAGAAAGAGCTCATGCTTGTAGGAAGGTTGTTCACTCCTGGTGTGATGGCGTC  
AGCATCGCTGGGTGCCCTTGTGCACTCAGCACAAAGTGGGAGCTTTCGATTACATCCAGTCCATCA  
CCAGTTACTTGGGACCACCCATCGCAGCTGTATTCTCCTTGCTATTTTCTGGAAGAGAACCCTGAGTC  
AGGAGCCTTTTGGGACTAATCTTAGGATTTCTGGTGGGTTGGCCCGTATGATTACTGAATTTGCCATAT  
GGAATGGGAGCTGCACGGAGCCAGCAACTGCCCCACAATTATCTGTGGTGTGCACTACTTGTACTTTG  
CCATCATCTCTTTGGCTAATTTCTGTCTACCATTTCTGGTGTGCTCCTCTTCCCAAGCCATTCAGAG  
TGTGATCTCTACCGCTGTGTTGGAGCCTGCGCAACAGCAAGAGGAACGTATTGACCTGGATGCAAGGA  
GAAGAGAATATCCAAGACACCTTGGAGGAGAGCATTTGAAATAGAAGTTCCTGAGGAGAAAAAGGATGCT  
TCAGGAGGGCCTATGACCTGTTTTGTGGTCTGGATCAGCAGAAAGGCCCAAGATGACAAAGGAAGAAGA  
GGAAGCCATGAAGCTGAAGATGACAGACACCTCCGAGAAGCCTCTGTGGCGGACGATAATGAATATCAAT  
GGCATCATCTGCTGACTGTGGCCGTCTTCTGCCATGCATATTTTGCCTAAGTCTGCCCTTCTGCTGCAG  
ACTGTGCTCATGAAGGCCAGGCTCTTTACTCTGCCTCACTTTAGCCCCATTGGATGGTGTGAAGGGAAA  
CCAGCCAGTTGTAAATTTTGCCAGTTGATAAATCTGTACATGCGTAATTAATAAAAAAAAAAAAAAAAAA  
AA  
>GBEQ0077 |Acc|AF162703|Ver|AF162703.1 GI:5690384|Equus caballus phosducin (PHD) mRNA,  
alternatively spliced, complete cds.  
CAGGAACATAATCAAGGACACCGGGAACAGAGAACCAACTGTTCTCCTAGTAGTAACAGTAGTAAATTT  
TCACCAATCTTTGTGCCCTAACTCAAATGAAGGCATTAGATTATATGAAATCCAACCCCTAAATGGAAG  
AAGCCAGAAGACAAAGCTTGGAGGAAGACTTCGAAGGACAGGCCACACATACAGGACCCAAAGGAGTAAT  
AAATGATTGGAGAAAGTTTAAATTAGAGAGTGAAGATAGTGATTCAATCCACCTTGCAAGAAGGAGATT  
CTCAAACAAATGTCTCTCCTCAGAGCAGAGATGACAAAGACTCAAAGAAAGATTTCAGCAGAAAGATGA  
GCATTCAAGAAATATGAACCTAATCCACCAAGACAAAGATGAAATTCGCTTCTGTAATACCGTAGACA  
GTGTATGCGAGGATATGCACCAGAAGCTGAGTTTGGGCTAGATATGGGTTTGTGTATGAGCTAGAAAT  
GGGGAGCAATTCCTAGAAACCATTTGAAAAGGAGCAGAAGATCACGACAATCGTTGTTTACATTTATGAAG  
ATGGCATTAAGGGCTGTGATGCTCTAAACAGTAGCTTAGCATGCCCTCGCAGCTGAATACCCCTATGGTCAA  
GTTTTGCAAAATAAAAGCTTCAAATACCGGTGCTGGGGATCGCTTTTCTCAGACGTACTCCCCACCTG  
CTCGTCTACAAAGGTGGGGAACCTATAAGCAATTTTCTTAGTGTGCTGAACAGTTTGTGTAAGAAATTTT  
TTGCTGGGGATGTGGAGTCTTCTCTAAATGAATATGGGTTACTACCTGAAAGAGAGATACATGCCCTAGA

GCAGACCAGCATGGAAGAAGATGTTGAATAAAGATTTCGGTTTGTCAATATCTCACCTTTCTCCTTTACAC  
 AATGAACATTGATTTTGGTAGTATCCATATTTCTTTAGAGAACACCAAGTACGGCCATGGCTATTCTAAC  
 TTGGAAAAGAAATCAGATTGACACTAAAATTATGTGATTAGCATTTCTTAGTATTTAGTTATTCAAATTG  
 ATATAATGTTTTACTACAAAACCTATAGTCTTCACCAACATATTAGTAGACAGAGGATATGTATAACATT  
 GTGACAGTTTTTTAAAAATCCCCCTTCAAGTTATGTGTTGACTTTTTTACTCCCTGTTTTTTCTCAGTGTT  
 ATTATTTGGGCTTTTCAAATTATATTACTAATTATAACTTTGCTTGTGTAATAAAAAATAAAGTCTCATGA  
 GGAAATAA

>GBEQ0078 |Acc|AY027883|Ver|AY027883.1 GI:13376982|Equus caballus inducible nitric oxide  
 synthase mRNA, complete cds.

ATGGCCTGTCTTGGAAATTTCTGTTCAAGGCCAAATTCACCAGTATGACTTGACTGAAGAAATGGACC  
 TCAACAACAACGTGTGGAGAGCATCCAGGCGCCTCCAGTTCAGTGACACAGGATGACCCCAAGGGTCA  
 CAGCCTCGGCAAGCACAGGAATGAGTCCCTGCAGCCCGTCACCGGAATGGCAAAGAAGTCTCCAGAATCC  
 CTGTTCAAGCTGGATGTGCCCCCTCGGCCCTGCCACGGCATGTGAGGATCAAAAACCTGGGGTAACGGGA  
 TGACTTTTCGAGGACATGCTTCACCGCGAGGCCAATGGGGAGGTCGCTTGCAAGTCCAAGTCTTGCTTGGC  
 AGCCGTGATGAACCCCAAAAGTATGACCAGAGGGCCAGGGACAAGCCTACCCCCCAGATGAGCTTCTA  
 CCTCACGCTATCCAATTTGTCAACCAGTATTACAACCTCCTTCAAAGAAGCAAAAATAGAGGAACATCTGG  
 CCAGGCTGGAAGCCGTAAACAAAGGAGATAGAAACAACAGGAACCTACCAGCTGACGGGAGATGAGCTCAT  
 CTTTGCCACCAAGCAGGCCTGGCGCAATGCCCCCGCTGCATCGGGAGGATCCAGTGGTCCAACTACAG  
 TGCTTTGACGCGCCGAGCTGTTCTACTGCCAGGAAATGTTTGAACACATCTGCAGACACCTGCGTTACT  
 CCACCAACAATGGCAACATCAGGTGCGCCATCACCGTGTTCCTCCAGCGGAGCGATGGAAAGCATGACTT  
 CCGGATCTGGAATGCTCAGCTCATCCGGTATGCCGGGTACCAGATGCTGATGGCACCATCAGAGGGGAC  
 CCTGCCTCTGTGGAGTTAACCCAGCTGTGCATCGACCTGGGCTGGAAGCCCAAGTACGGCCGCTTCGATG  
 TGATGCTCTGGTCTTGCAAGGCTGATGGCCGCGACCTGAGCTCTTTGAAATCCCTCCTGACCTTGTGCT  
 CGAGGTGCCCATGGAACATCCCAAGTACGAGTGGTTCCAGGAGCTGGGGCTGAAGTGGTACGCACTGCCA  
 GCAGTGGCCAACATGCTGCTTGAGGTGGGCGGCCCTGGAGTTCACAGGTGCCCTTCAACGGCTGGTACA  
 TGGGCACGGAGATTGGGGTCCGAGACTACTGTGATGCCCAGCGCTACAACATCTTGAGGAAGTGGGGAG  
 AAGGATGGGCTGGAAACACACAAGCTGGCCTCGCTCTGGAAGGACCGGCTGTCTCGAGATCAATGTG  
 GCTGTGCTCCACAGTTTCCAGAAGCAAAATGTGACCATCATGGACCACCACTCAGCTGCAGAGTCTTCA  
 TGAAGCACATGCAGAATGAGTACCGGTCCCGTGGGGGCTGCCCGGCCGACTGGGTTTGGCTGGTCCCCCG  
 ATTTTCTGGGAGCATTAACCCCGTGTTCACCAAGGAGATGTTAACTATGTCTGTCCCTTTCTACTAC  
 TACCAGGTGGAGGCTGGAAAACCCACGTCTGGCAGGATGAGAAGCAGAGCCCCGGAGAAGACAGATT  
 GATTCAAGGTCTTGGTTAAAGCCGTGCTCTTTGCTCCATGCTGATGCGCAAGACCATGGCGTCCCGAGT  
 CAGAGCCACAATCCTCTTTGCCACGGAGACGGGAAAATCGGAAACGCTGGCCCGGGACCTGGGGACTTTG  
 TTCAGTTGTGCTTTCAACCCCAAGGTCTCTGCTGATGGACGAGTACCAGCTGAGCTACCTGGAAGAGGAGC  
 AGCTTCTGCTGGTGTGACAGCAGTCTTGGCAACGAGACTTCCCGGCAACGGAGAGAAATGAAGAA  
 ATCCCTCTTCATGCTGAAAAAGCTCACGAACAAGTTTCAAGGTATGCTGTGTTTGGCCTTGGCTCCAGCATG  
 TACCTCAGTTCTGTGCTTCTGCTCATGACATTGACCAGAAGTTGTCTACCTGGGGGCTCGCAGCTCA  
 CCCCCACAGGGGAAGGGGATGAGCTCGGTGGCCAGGAGGATGCCTTCCGCAACTGGGCGGTGCAAACTT  
 CAAGACAGCCTGTGAGACGTTCAATGTCCGAGGCAAAACACCAAAATTCAGATCCCCAACTTTTACACCTCC  
 AATGAGACCTGGGACCCGATCCACTACAGGCTCGTGCAAAACTCCGAGCCTTTGGACCTTAGCAAAAACCC  
 TCAGCAGTATGCACGCCAAGAATGTGTTACCATGAGGCTGAAATCGCGGCAGAATCTACAAAGTCCGAA  
 GTCCAGCGGCACACCCCTCTGATAGAACTCTCCAGTGAGGCCAGCCAAGGTCTGAGCTACCTGCCAGGG  
 GAGCATCTTGGGGTTTTCCAGGCAACCAGCCGCCCTGGTCCAAGGTATCTTGAGCGAGTGGTGGATG  
 GCCCTGCACCCGACCAACCCATGCGCCTGGAGACCTCGACGAGAGCGGCAGCTACTGGGTCAAGGACAA  
 GCGGCTGCCCCCTGCTCACTCAGCCAGGCACTCACCTATTTCTGGACATCACCACACCCCCAACCCAA  
 CAGCTTCTCCGAAAGCTGGCCAGCTGGCCACCAAGAGGCTGAGAGGCAGAGACTGGAGACCTGTGCTC  
 AGCCTTGGAGTACAACAAGTGGAAAGTTACCAACAGCCACATCTCTGAAGGTGCTGGAGGAGTCTCC  
 GTCCCTGCGGGTGTCTGCTGGCTTCTGCTCTCCAGCTTCTATTCTGAAACCCCGGTACTACTCATC  
 AGCTCTCCAGGGACCGCACACCCAGGGAGGTCCACCTCACCGTGGCTGTGCTCACGTACCGCACCCGAG  
 ATGGTCAGGGTCCCCTGCAACACGGCGTCTGCAGCACATGGCTCAGCAGCCTGAAGCCCCAAGACCCAGT  
 GCCCTGCTTTGGT  
 GGGCTGGCACGGGCATTGCCCCCTTCCGCACTTTCTGGCTGCAGCGGCTCCATGATGCCGAGAACAGAG  
 GGCTCCAAGGTGGCCGATGACCTGGTGTTCGGGTGCCGCCACCCAGATGAGGACCACCTCTATCAGGA  
 GGAGATGCTGGAGATGGCCCGGAAAGGGGTGCTGCATGAGGTGCACACGGCCTATTCTCGCTCCCTGGA  
 CAGCCCAAGGTCTATGTTCAAGACATCTGCGGCAGCAACTGGCCAGTGAGGTGCTCCGTGTGCTCCATG  
 AGGAGCAAGGCCACATATGTCTGTGGGACCTGCGCATGGCCCGGAGCTGGCCACACCTGAGCA  
 GCTGGTGGCTGCCAAGTTGAGCCTGAGTGAAGGACAGGTGAGGACTATTTCTTCCAGCTTAAGAGCCAG

AAGCGCTACCACGAAGACATCTTTGGTGCTGTAGTTCCTACAAGCTGAGAAAGGATGGGGCCGCAGGGC  
 AGCCCAGCCATCCCAGAGCACAAATCAGCCCCCGGAAAAAGTTACAGCTGCTGGCACAGAACTTCAGTGAC  
 GGAGCCAACCTTGGATTACAGCCTGCAGAGAGGGAGGGAAATTAGAACCAGCCTCACATCTCATTTCCCCA  
 TCTCTTTCCCCAAAACCTTTACTTGGCCTGCTACCAAGTACCAGCCTGGACTGAGTGAACCTCCTTTC  
 TCCCTCTGGTCCACTCATCTGGATAGTGGAGAGTTGGGGCCTTCCCTGGTCCCTTGGAGACAATCTGCAA  
 TGCCGGGCACGTCGAGCGGGTGAGGATGGAACCTGGCTTCTGATTGCACGTCTTGGAGTGACCACCAGGAG  
 GCGCTGTCTGCTACCACTCTGTATTAGTTGCCCCATGTACAGTTATTTATGAGTCTGTATTTAAGAAAAACA  
 AATCCCAGTCTGCTCTACAGGCACCTGGGTCTTCTTGTATGTCTCCTTGATGGAGATATTTATATGAA  
 ATGCATTTTGTTTTAA

>GBEQ0079 |Acc|AB032193|Ver|AB032193.1 GI:5869568|Equus caballus AMELX mRNA for  
 amelogenin, complete cds.

GGATCAGGCATCCCTGAGTTTCAGACAGAACTTACTCGGAATACGTATATTCAATGGGCCATCAAGAAA  
 TGGGGACCTGGATTTTGTGTTCAGCCTCCTGGGAGCAGCCTTGTCTATGCCCTTATATCTCATCTGGG  
 CACCCTGGGTATATCAACTTCAGCTATGAGGTGCTTACCCCTCTGAAGTGGTACCAGAGCTTGATCAGG  
 CAGCCGTACACTTCTATGGTTACGAACCCATGGGTGGATGGCTGCACCACCAAATCATCCCCGTGCTGT  
 CCCAGCAGAATCCCTCAAATCACGCCTTGCAGCCTCATCACCATATCCCCATGGTGTGCGCTCAGCAGCC  
 TGTGGTCCCCCAGCAACCAATGATGCCACTTCTGGCCAACACTCCATGGTTCACCCCAACACCACCAG  
 CCAACCTCCCTCCACCTGTCCAGCAGCCCTTCCACCCCAAGCCTGTCCAGCCGAGCCTCACCAGCCCA  
 TCCAGCCTCAGCCACCTCTGCACCCCATCCAGCCCTGCCGCCACAGCCACCTCTGCCTCCGATATTTCC  
 CTTGCAGCCCTTGGCCCTTATGCTTCTGACCTGCCTCTGGAAGCTTGGCCAGCAACAGACAAGACCAAG  
 CGGGAGGAAGTGGATTAAAGATCAGAACTGAGAAGCAGATACTTCAGTTGCTTTCAGAATGACACAAG  
 AACACAATGATTTGTGCTATCATCACTTAGTAAATTCGTGACTAAATTAGTTACAATTACAAAACAAT  
 AAATGGTTTTTAAATCAA

>GBEQ0080 |Acc|AB004572|Ver|AB004572.1 GI:2443358|Equus caballus mRNA for sex-determining  
 protein, complete cds.

CTAGAATAACCTTGGAAAAGTAAGTTAATTTTCCCAACGCTTTATCTTCGCATTTTGTCTACCACCCTCCT  
 CTCAACGGTGCCATCTTAAGCTTCTGCTATGTCCAGAGTATCCAACAGCGATAATTACAGTCTAGCAGG  
 ACAGCAACATACCGTTCTCGGCTCTGGGAGAACCTCATCCCTACTTTGGACGAGCAATCCTGGCTCACAT  
 TTTCCGGAGTGAAACAGAGGAAATGGTAGAGAGAACGGCCAGGACCGTGTCAAACGACCCATGAATGCAT  
 TCATGGTGTGGTCTCGTGATCACAGGCGCAAGGTGCTCTAGAGAATCCCCAACTGCAAACTCAGAGAT  
 CAGCAAGCGGCTGGGATGCCAGTGGAATAATGCTTACGGAAGCCGAAAAATTGCCATTCTTCGAGGAGGCA  
 CAGAGACTACGGGCTATGCATCAAGAGAAATACCCGGACTATAAATATCGACCTCGTCGGAAGGCCAAGA  
 TGCCACAGAAAAGTGACAAACCGCTTCCGCAGACTCCTCTCTACACTGTGCGGGCAGGCGCACGTACAC  
 GTCGACGAGTGGTTGTCCCTTTCTCATTCACGGACGACTGTTCTTGAGGGCCACACAGTCACAAACGGGA  
 GGAGCGGTTAAACCTTACCGCGCCGGGGCCACAGCTATTTCCGGCGCTGCAACAGGAGCTGTCAACAGCAG  
 ACCGCACCCCTGCGTTGCCATTTCGGGTAAACGTTGGCTACGCAGACATACGCAGACGTTCCCTTTCACTGTA  
 ATTTACCCTCCGGACTTTCTCACGGTGATTTTCCTTGATTTCCCTTACTGGTGGCTTCAGAGTCCCTGTTT  
 GGCTCTATTTTCGTATTCTTCTGAGCCCCAGCGTATCAACACCAGTGAAATTTTGTAGTTCCAAGGTCA  
 GCTGTTTTTCTGTTAATGGAACAGTTTGTAACTAATTTTAGTCTTCCAGAGGTTGTCTTTAAATAGCG  
 CTAAGCATATATTGATACACTAATAATCGCCAGCATAGATCACAGAATTCTAACTCTTTATTTTAAATAC  
 TATAAGTCACAAACATAGTGGAGAGAAGCATGCACAAAATTATGCTATGGAAAAATTTGTTGCGTTTTGAT  
 GGGAACTGCGTACGTCTACAGTAGTCCCTTCTCGACGGTCTGTTTCATTGGTCTTTTACGTACCTTGCGC  
 GTCTTGGTAAACTGCACATAATTAACGCATGGAATGTAATTTCTTCTGTTGGATAGTTTATGTTTACC  
 TCCCTCCCGCTGTGAGAAACAGTCTTGCAGCCCTTTGCTATTCAATTCTTTTACTCCGCACAAAAC  
 GAGAGCTTCGATGCGCTGTGAACCGGTTATATTCTCTAATCTGGGTAAAATAAAATGTTTTATTTAACTC  
 GTG

>GBEQ0081 |Acc|AF325902|Ver|AF325902.1 GI:12584923|Equus caballus cartilage oligomeric  
 matrix protein (COMP) mRNA, complete cds.

AGAGCGCGCCGCGCTCCAGCTCCCCGCGCCGCCATGGTTCTCTCCGCGCCCCCGTTCTCCTGCTCGCC  
 CTGGCCGCGCTCGTGTCCAGCCAGGGGCAGACCCCGCTGGGTACAGAACTGGGCCCACAGATGCTGCGCG  
 AACTGCAAGAGACCAACGCGCGCTGCAGGACGTGCGGGAGCTGCTGCGGCAGCAGGTCAAGGAGATCAC  
 GTTCTTGAAAAACACGGTGATGGAGTGTGACGCGTGCAGGATGCAGCCTGCGCGCACCCCCCGCTGAGC  
 GTGCGGCCCCCTAGCCAGTGCAGCGCCGGGCTCCTGCTTCCCTGGCGTGCTTGTACCCAGACGGCGAGCG  
 GCGCGCGCTGCGGACCTTCCCCCGGGCTTTCACGGGCAACGGCCCATACTGTGCCGACGTCAACGAGTG  
 CAACGCCAATCCCTGCTTCCCTCGCGTCCGCTGCATCAATACCAGCCCCGTTTCCGCTGCCGAGGCTTGC  
 CCGCCCGGTACAGCGGCCCCACCCACGAGGGCGTGGGGATGGCCTTTGCCAAGGCCAACAAGCAGGTTT  
 GCACGGATATTGACGAGTGTGAGACCGGGCAGCATAACTGCGTCCCCAACTCCGTGTGCATCAACACCCA

GGGCTCCTTCCAGTGCGGGCCCGTGCCAGCCCGGCTTCGTAGGCGACACAGGCATCAGGCTGCCGTCCGCGC  
 GCACAGCGCTTCTGCCCCGACGGCACGCCACGCCCGTGCCACGAGAAGGCCGACTGCGTCTGGAGCGCG  
 ATGGCTCGCGATCGTGCGTGTGCGCCGTGGGCTGGGCCGGCAACGGGCTCCTGTGTGGCCGCGACACGGA  
 CTTGGACGGCTTCCCGGACGAGAAGCTGCGCTGCTCGGAGCGCCAGTGTGCAAGGATAACTGCGTGACG  
 GTACCCAACCTCAGGACAGGAGGACGCGGATCGCGACGGCATCGGAGACGCCTGCGACACGGACGCCGACG  
 GAGACGGAGTCCCACAGAGAGGGGACAACTGCCCGCTGGTGCAGAACCCAGACCAGCGTAACACGGACGG  
 CGACAAGTGGGGCGATGCATGCGACAACCTGCCGGTCCCAGAAGAACGATGACCAGAAGGACACAGATCAG  
 GACGGCCGAGGCGACGCTGCGACGATGACATCGACGGCGACCGGATCCGAAATGCCGTGGACAACCTGCC  
 CCAGGGTGCCCAACTCAGACCAGAAAGACAGTGATGGCGATGGTATAGGGGATGTCTGTGACAACCTGTCC  
 CCAGAAGAGCAACCCAGACCAGAGGGACGTGGACCACGACTTCGTGGGAGACGCTTGTGACAGCGACCAA  
 GACAAGGATGGGGATGGGCACCAGGACTCTCGGGACAATTGCCCCACAGTGCCCAACAGCGCCCGAGCAGG  
 ACTCAGACAGCGATGGTCAGGGTGACGCTGCGACGAGGATGACGACAACGACGGGGTCCCCGACAGTCCG  
 GGACAACCTGCCGCTGGTGCCCAACCCGGGCCAGGAAGACGCTGACCGGGACGGTGTGGGCGACGTGTGC  
 GCTTCACCTTTGGCTACGAGTGCAGTGTGAGGACGCTGAGCAAGATTGATGTGTGTCGGGAGAACCCGAACTC  
 TCACCGACTTCCGGGCTTCCAGACGGTGTGTGTGGACCCCGAGGGCGACGCGCAATAGACCCCAACTG  
 GGTGGTGTCAACAGGGGATGGAGATCGTGCAACAATGAACAGCGACCCCTGGCTGGCTGTGGGTTAC  
 ACGGCCTTCAATGGCGTGGACTTCAAGGACGCTTCCACGTGAATACGGTCACAGATGACGACTACGCGG  
 GCTTCACCTTTGGCTACGAGTGCAGTGTGAGGACGCTTAGCTTCTACGTGGTTCATGTGGAAGCAGATGGAGCAGTA  
 TTGGCAGGCGAACCCCTTCCGAGCCGTAGCCGAGCCCGGCATCCAGCTGAAGGCCGTGAAGTCTCCACA  
 GGCCCTGGGGAGCAGTGCAGGAATGCATGTGGCACACGGGGGACACAGCATCACAGGTGCGGCTGTCTAT  
 GGAAGGACCCCGCAACGTGGGCTGGAAGGACAAGACATCCTACCGCTGGTTCCTACAACACCGGGCCCCA  
 (SF-2) mRNA, complete cds.  
 ATGGTTTACAGCAGGTCATAATGCGGGAAAAAGTACAGAGTCCAGGGAAAGACTGGCTTGTAACCTTTGC  
 GAGTTCTTGGATTTTTTTTTTTTTTTTTTTTTTTTACTTTTTCTTAACCTTTCACATAAGGGTTACTATAGTC  
 TGATGTGTTCTCCCAAGGCTAGAAAATTTGACAAGCTGTACTTTTTCTTGTGCTCAATGATTTCTGCTG  
 TAAGCCAGAGGACCGCTACAGCTTACGAAGAATGTCTTCTAAGTGGATACTGGGGATTTACGAGACT  
 CTGGAAGCATGGACTCACACCTATTGTGCTCAGTTTAAATGGTGAATTACTCCTATGATGAGGACCT  
 GGAGGAGCTCTGTCCGGTGTGTGGAGATAAAGTGTCTGGGTACCACTACGGTCTCCTCAGCTGTGAAAGC  
 TGCAAGGGGTTTTTAAAGCGAACAGTCCAAAATAATAAAGGTACACATGTATAGAAAACCAAGTGC  
 AAATTTGACAAACACAGAGAAAGCGTTGTCCCTGATTCGATTTCAAAATGTCTAAGTGTGGAAATGAA  
 GCTAGAAGCGGTAAAGAGCCGACCGAATGCGTGGAGGGAGGAATAAGTTGGGCCAATGTACAAGAGGGAC  
 AGGGCCCTGAAGCAACAGAGAAAGGCCCTCATTCGAGCGAATGGACTTAAGCTGGAAGCCATGTCTCAGG  
 TGATCCAGGCAATGCCCTCTGAGCTGAGCATCTCCTCTGCCATCCAGAACATCCATTCTGCCTCCAAAGG  
 CCTACCTCTGAACACGCTGCCTTGCTCCACGGACTATGACAGAAGTCCCTTTGTAACGTCCCCCAT  
 AGCATGACGATGCCACCTCATGGCAGCTGCAAGGTTACCAACCTACAGCCACTTTCCAGCCGAGCCA  
 TCAAAATCCGAGTACCCAGACCCCTACACCAGCTCACCAGAGTCAATAATGGGCTATTCTTACATGGATGG  
 TTACCAGACCAGCTCCCCGGCGAGCATCCCTCATCTGATACTGGAACCTTTGAAGTGTGAGCCAGATGAG  
 CCTCAAGTCCAGGCCAAAATCATGGCTATTTGACAGCAAGAGCAAGCCAACCCGAGCAAGCATGAAAAGC  
 TGAGCACGTTTGGGCTAATGTGCAAAATGGCCGATCAGACCCCTCTTCTCCATTGTGAGTGGGCCAGGAG  
 TAGCATCTTCTCCGAGAGCTCAAGGTGGATGACCAAAATGAAGCTGCTGCAGAACTGCTGGAGTGAGCTC  
 TTAATCTCGACCACATTTACCGACAAGTGGTACATGGAAAGGAAGGGTCCATCTTCTGGTTACCGGGC  
 AACAAAGTGGACTATTCCATCATTTGCCTCCAGGCTGGGGCCACCCTCAACAATCTCATGATCATGCACA  
 GGAGTTAGTGGCAAGCTTCGTTCTCTGCAGTTTGATCAACGAGAGTTTGTGTGTCTGAAATCTTGGTG  
 CTCTTTAGTTTAGATGTCAAAAACCTTGAGAACTTCCAGCTGGTAGAAGGTGTCCAGGAACAAGTCAATG  
 CCGCCCTGCTGGACTACACCATGTGCAACTACCCACAGCAACAGAGAAATTTGGGCAGCTCCTTCTTCG  
 ACTACCTGAAATCCGGGCCATCAGCATGACGGCTGAGGAGTACCTCTACTACAAGCACCTGAACGGGGAC  
 GTGCCCTACAATAACCTCCTCATTTGAAATGTTGCATGCAAGAGAGCTTAAGTCACAACCCGAGGAGCC  
 CTGCTTTTCAAAACAAAAGAGATTGGTGGGGTGGGAGGGGAGAAAGACAGGAGGAAAGAAAGAAAACAA  
 AAATACTCTGAAGTGTCCAAGCAACATAATTAATAAAGTGGTTTAAAGATATTGAATTTAAAGAGGCA  
 TAATAATCCAATACCTTAGTAGCAAAATAAGTGATGTATCAGGGTATTGTATTGCAACTGTGAATCGAAGT  
 CTTACATATCCCGAGGAGTCCATGCAAAAGGACACTGTAATGGAGTGGACTGAACTCGCCGGGGAATACC  
 AGTCCCGCGTCCGAACGGGAATGGACGAAACGATCTTGTATATTTAAAGTATCTCCGCTGTGAAGAAA  
 TTTAGCAACTGATCTGTGTATTAAATAGGCTCTGACAGCGGGGATTTGAGCTTACAGAAATCTCTCCAC



GGTAAAGCGGAACGGAAACAATTCTCCAGATCCATCAGCTGGACCTATAATAGCCTGTCCCTCTTCCCTTT  
 CGAGGACCCAGCACCTTCTGTCTGTGATCGCGGAATCTGTGCTAAGGACTTGTGCTGTGCCACACCCAC  
 TCGTAGCTCCACCAAATTACGAAAAGCCTAATTTTGAATGTCTGTGTCTTAGACTTGCAAAACAGCTAATA  
 AGAGCAGTCTATTAATCTGTTAGCTTGCCATTTTAAATATGTTCTGGGTTGGTTTGTCTGTGTTCACAA  
 TGTTAAAAAAGCAGGCAGTATCCCTCTTCTGACCTTCTAGAAGCGTTAATTAATATAGGGAAATGACT  
 ACAAACTTTCAAAGCAACGCTCCATAGTTCAAGCAAGCCAGCCCTTGTTTCTGCTACTGTTACTGAAATG  
 CGGCTTTGGCATTGCTGGATTTTCAAAAAATAAAACATGAACCATATTTTGCTAGGCTGTGAGATAGTC  
 ACAGTTCTAAGTAGTTAAAAACCAAAGCATGCTAAGCTATGCAAAAAGACGGGAAAGGATGAGCT  
 GATAAATTGAGTGACTCGAGGTTCTGTTCTTGTACAAATTGAACATCCCCATACGTAAATGGAAACAGTG  
 ATTTTACATGTGGCTGGAAAGACATTAAAGTAATTCAAATCTTCCCCAGAAGGGAAAGGAAGAGAGTG  
 ATACTGACCTTTTTAAGTCATAGACCAAAGTCTGCTACAGAACAAATATTGGAGGACAAAGAATTGCAAA  
 CAAGTTCTCCAGGAGACACTATCAGTATTATTAACATGCAGTGCCACAGATATGGAGATCTTGCCCTTATT  
 TCACAATTCTAAAAGGTAGCTGTGCAGATGTGGATCAACATTATTTCAAATAAAGTATTAATAAAGTCC  
 AATAAAAAA

>GBEQ0083 |Acc|AF203911|Ver|AF203911.1 GI:11493780|Equus caballus steroidogenic factor 1  
 (SF-1) mRNA, complete cds.

ACTGTCCGCCTGCCGCCAGCCGTGGCGTGAAGGAGTTCTGTGTGCCACGGTCGCCACTACCTGCCCTG  
 GCCACCGCGGCCCTCCCTCGGACCCCCGGTGCCCACTGTCCACCTCATCCAGCGTGCAGCTCGCCTTC  
 TGTCCGCGGACGCGCGGCATGGACTATTCTGACGACGAGGACCTGGACGAGCTGTGCCCGCTGTGTG  
 GGGACAAGGTGTCCGGCTACCACTACGGGCTGCTCACATGCGAGAGCTGCAAGGGCTTCTTCAAGCGCAC  
 GGTGCAGAACAAACAGCACTACACGTGCAACGAGAGCCAGAGCTGCAAGATCGACAAGACGCTGCGCAAG  
 CGCTGTCCCTTCTGCCGCTTCCAGAAGTGCTGACGGTGGGGATGCGCCTGGAAGCCGTGCGTGCTGACC  
 GCATGCGGGGTGGCCGGAACAAGTTTGGGCCCATGTACAAGCGGGACCGGGCCCTGAAGCAGCAAAAGAA  
 GGCACAGATTTCAGCCAATGGCTTCAAGCTGGAGACAGGCCCCCAATGGGGGTACCCCTCCGCCCCCT  
 CCCCCACCGGACTACATGCTGCCCCCTGGCCTGCATGTGCTGAGCCCAAGGGCTGGCCTCTGGTCCAC  
 CTGCTGGGCACTGGGCGACTTTGGGGCCCCAGCCCTGCCCATGGCCGTGCCCAGCACCAACGGGGCCGT  
 GGCTGGCTACCTCTATCTGCTTCCCTGGCCGTGCCATCAAGTCTGAGTACCCGAGCCCTACGCCAGC  
 CCTCCGACGCTGGGCCACCCCTATGGCTACCCAGAGCCCTTCTCCGGGGGGCTGGCGTGCCCGAGCTCA  
 TCCTGCAGCTGTTGAGCTGGAGCCGACGAGGACAGGTTCCGGGCGCGCATCATCGCTGCTGCGAGGA  
 ACCAGCCAAAGGCCCGCCGACCGCTGCGTCTTCAACCTCCTGTGCAGGATGGCCGACAGACCTTC  
 ATCTCCATCGTGGACTGGGCACGCAAGTGTCATGGTCTTCAAGGAGTTGGAGGTGGCCGACAGATGACCC  
 TGCTGCAGAACTGCTGGAGCGAGCTGCTGGTGTTCGACCATATCTACCGCCAGGTCCAGCACGGCAAGGA  
 GGGCAGCACCCCTGCTGGTCAACGGGCAGGAGGTGGAGCTGACCACGGTGGCGGCCAGGCGCGCTCACTG  
 CTGCATGGGCTGGTGTGCGGGCCCCAGGAGCTGGTGTGTCAGATGCACGCGCTGCAGCTGGACCGCCAGG  
 AGTTTGTCTGCTGCTTCAAGTCTTCTTCAAGCTCGATGTGAAGTTCTTGAATAACCAACAGCTGGT  
 GAAGGATGCTCAGGAGAAGGCCAATACCGCCCTGCTCGATTACACCTGTGCCACTACCCGCACTGCGGG  
 GACAAGTTCCAGCAGCTGCTGCTGTGCTGGTGGAGGTGCGGGCACTGAGCATGCAGGCCAAGGAATACC  
 TGTACCACAAGCACCTGGGCAACGAGATGCCCGCAACAACCTGCTCATCGAGATGCTGCAAGCCAAGCA  
 GACTTGAGCCTGGGCTGGGTGGGGTGGGGTGGGGCGGGGGAGGCTCACAGCCACCCCTGCTGCCCTCC  
 AGATGGTTGATTCTATCGTGCCACCCAGGAGCCCCACCCTGTAGCCCTGCCCTGAGCTCTCTGAAGC  
 CCTGTGTTTTGGGAAGGTGGGTGAAGGTGGGCAGGGCCTGGCTGAGGTGGGGTGGTCCCTATTAGCCACTG  
 GCACTAGCCTGCCACTCAGAGTGCCCCAAGGAGGCAGCTGCTACCCACTCCCTCCCCCTGCCCTACTCC  
 CAGCTGTCTGTCTGGAGTCTGGAGCACAGGTCCAGGGGCAAGTTGGGGATTCCCTCGTGGGCCCTCCAT  
 GTCCCTTGGGTGAGAGTCTATCTTCCCCCTCTCTGGAACAGAGGCAGAGAGAGGTTGAGCGGGTCA  
 GTGGGAGAGAAGAGAGGGTCCCTAGCCCTCCGTACAGCGCCAGGAGGGAAGCCCTCTGTTTTGTAA  
 CTAGGAATAAACTGAGTTTGCAAACTGGAAAAA

>GBEQ0084 |Acc|AJ251189|Ver|AJ251189.1 GI:6468532|Equus caballus mRNA for monocyte  
 chemoattractant protein-1 (mcp-1 gene).

CCAAGCCAGAAACCAACAACCTCTCAGGCCGAAGCTCCCATCCTTACCCTCCAGCATGAAGGTCTCTGCAG  
 CCCTCCTGTGCTGCTGCTCACCAGCGGCCGCTTACGACCCAGGTGCTGGCTCAGCCAGATGCAATTAA  
 TTCTCCAGTACCTGCTATACATTACCGGTAAGAAGATCTCATCTCAGAGGCTGGGGAGCTATAAA  
 AGAGTCAACAGCAGCAAGTGTCCCAAGAAGCTGTGATCTTCAAGACCATATTGGCCAAGGAGATCTGTG  
 CTGACCCCGAGCAGAGTGGGTCCAGGATGCTGTGAAGCAGCTGGACAAGAAAGCCAAACTCCAAAGCC  
 TTGAACACCTACTCCAAAAGCCAAGATCTGAAGCTAATTTATTGTCTTCTAGCATTCCTTAAATGCCCT  
 CTGATATTATTTTATATAGTTTCAAAGAGTATGAACCTTGTATTATGACATGAACTTGATGCTTAAGT  
 AGCGTTAATCTTATTTAAGTTATTGATGTTTAAAGTTTATCTTCCACGAATACTAGTGTCTGTGAGATAT  
 GGAGACTTGAGCAAACTGCTTTCCTCTGTGAACCCAGTTCTACCCCTGGGATGGTGTGAGGGTCTTG

CAAGGATCATTAATGCAAAAGACCTTTTTGTTTAAAAATTATAAGACATTGCTAAAAACGCTATTGTGGAATAT  
GTATATTATGATGTAACTACTGAAACAAATATATATATATTTTTGTACAAAACCCAAAAA  
>GBEQ0085 |Acc|AJ251188|Ver|AJ251188.1 GI:6468530|Equus caballus mRNA for eotaxin.  
AGAGCAGCAGAGACCCAGACCCAGCAACAGCTCTACAGCTGAAGCTCGCGTCCCTCGCCCTCCAGCATG  
AAGGTCTCCGCAGCCCTCCTGTGCCTGCTGCTCACCACGGCCGCCCTTCAGCACCAGGTGCTGGCTCAGC  
CAGTTTTCTATCTCGACCGTCTGCTGCTTTAACGTGGCCAGTAGGAAGATCTCTTTTCAGCGACTGCAGAG  
CTACAGAAAAATCACCAGCAGCAAAATGCCCCAGAAAGCTGTGATCTTCAAGACCAAAACAGCCAAAGAAG  
ATCTGTGCTGATCCCAAGCAGATGGGTGGTCCAGGATGCCATGAAGTACCTGGACGAAAACTCCCGACTA  
CAAAGTATTTCATCTTTTGTAGACCAATCAGAGCCAGAGGAATGCCTGATTTCATCTTCCCTGCTCTTCCT  
AAGATGTGTCTGAGATAATTTTCATCATATTACAAAAGGAATGGCTTTTATTTAATAATTAATAAATAC  
ATATATTGCAAAAAA  
>GBEQ0086 |Acc|AF305617|Ver|AF305617.1 GI:10716183|Equus caballus interleukin 4 (IL-4)  
mRNA, complete cds.  
ATGGGTCTACCTACCAACTGATTCCAGCTCTGGTCTGCTTACTAGCATGTACCAGCAACTTCATCCAGG  
GATGCAAAATACGACATCACCTTCAAGAGATCATCAAAACGCTGAACAACCTCACAGATGGAAGGGCAA  
GAATTCGTGCTATCGGAGCTGACTGTAGCGGATGCTTTTGGTGGCCCGAAGAACACAGATGGAAACAGCT  
TGCAGGGCTGCAAGGTGCTTCAACAGCTCTATAAAAGACATGACAGGTCTTGATCAAAGAATGCCTGA  
GCGGACTGGACAGGAACCTCAAGGGCATGGCAAACGGGACCTGCTGTACTGTGAATGAAGCCAAGAAGAG  
CACATTGAAAGACTTTTTGGAAGGCTAAAGACGATCATGAAAGAGAAATACTCCAAGTGTGA  
>GBEQ0087 |Acc|AB033541|Ver|AB033541.1 GI:10566943|Equus caballus MSTN mRNA for  
myostatin, complete cds.  
ATGCAAAACTGCAATCTCTGTTTATATTTACCTGTTTGTGCTGATTCTTGCTGGTCCAGTGGATCTAA  
ATGAGAACAGCAGCAAAAAGAAATGTGGA AAAAGAGGGGCTGTGCAATGCATGTACTTGGAGACAAAC  
CACTAAATCTTCAAGATAAGACCAATTAAGATTTAGATCCTCAGTAACTGCGCCTGGAAACAGCTCGCT  
AACATCAGCAAAGATGCTATTAGACAACCTTTTGCCCAAAGCTCCTCCACTCCGGGAAGTATTGATCAGT  
ACGATGTCCAGAGAGATGACAGCAGTGTGGCTCTTTGGAAGATGATGATTACCACGCGACGACGGAAC  
AATCATTACCATGCCATCAGAGCTGATCTCTTAATGCAAGTGAAGGAAAACCCAAATCTTGCTTCTTT  
AAATTTAGCTCTAAATACAAATACAAATTAAGTAGTAAGGCCCAACTGTGGATATATCTGAGACCCGCTCA  
AGACTCCTACAACAGTGTGTTGTGCAATCCTGAGACTCATCAAACCCATGAAAGACGGTACAAGGTATAC  
TGAATCCGATCTCTGAAACTTGACATGAACCCAGGCGCTGGTATTTGGCAGAGCATTGATGTGAAGACA  
CTTTGCAAAATTTGGCTCAACACGGCTGAATCCCACTTAGGCATTGAAATCAAAGCTTTAGATGAGAATG  
GTCATGATCTTGCTGTAACTTCCCAAGCAGGAGAAGATGGGCTGAATCCATTTTGAAGTTAAGGT  
AACAGACACACCAAAACGATCCAGAAGAGATTTTGGACTTGACTGTGATGAGCACTCCACAGAATCTCGA  
TGCTGTGCTTACCTCTAACTGTGGATTTTGAAGCTTTTGGATGGGATTGGATTATGACCCAAAAGAT  
ATAAGGCCAATTACTGCTCTGGAGAGTGTGAATTTGTATTTTACAAAAATATCCTCACACTCATCTTGT  
ACACCAAGCAAAACCCAGAGGTTACAGAGCCCGCTGCTGTACTCCCAAAAGATGCTCCTCAATTAATATG  
CTATATTTTAAATGGCAAAGAACAAATAATATATGGGAAAATTCAGCCATGGTAGTAGATCGCTGTGGGT  
GCTCATGA  
>GBEQ0088 |Acc|AB049188|Ver|AB049188.1 GI:10336505|Equus caballus PGP9.5 mRNA for  
ubiquitin C-terminal hydrolase, complete cds.  
CTGTTTTTCTACTCCCTGGCTTCTCCTCCTTCTCGCTCTTCGCGAAGATGCAGCTCAAACCGATGGAGA  
TTAACCCCGAGATGCTGAACAAAGTGTGGCCAGGCTGGGGGTGCGCGGCCAGTGGCGCTTCGTGGACGT  
GCTGGGGCTGGAGGAGGACTCTGGGCTCGGTGCCAGCGCTGCTGCGCCTTGCTGCTGCTGTTTCC  
CTCAGCGCCGAGATGAGAACTTCAGGAAAAACAGATTGAAGAACTGAAGGACAAAGTCACTCCTA  
AGGTGTACTTTCATGAAGCAGACCATTTGGGAACCTGCGGTACCATCGGACTTATCCACGCGGTGGCCAA  
TAACCAGGACAACTGGAGTTTGAGGATGGATCGGTCTGAAACAATTTCTTTCTGAAACGGAAGTTA  
TCCCCCTGAAGACAGAGCCAAATGCTTTGAAAGAAATGAGGCCATTAGGACGCCATGATGCTGTGGCAC  
AGGAAGGCCAATGTGCGGTAGATGACAAAGTGAACCTTTCATTTATTCTGTTTAAACAGTGGATGGCCA  
CCTCTATGAACCTTGATGGGCGGATGCCCTTTCCCGGTGAACCATGGCACCAAGTTACAGAGGACCTGCTG  
CAGGACGCGCGCCAGGTCTGCAGAGAATTCAGTACGCTGAGCAAGGCGAAGTCCGCTTTTCTGCTGTGG  
CGCTCTGCAAGGCACGCTAATGCCCTGTAAGAGGACTTGGCTTTTTTCTCCTCTCTCCCCCTCAACGTGAA  
ATATATCCTGACCGATGAGTCTAAGATGCTTCCCTACTTGTAGAACAAGCTGTTCTCCTTTGGTTCTG  
CAGGCTGCTCCTCCCCCTCCGCCACACCAAGCACTAGCAGAGCTCAGCTGTCGATCGAGCAAAAGTTTGG  
TGTAAGCTTTCAGTTGGCGAAGCAATTTCCCCAGTGATGTCTTGTATCTCAATATCTAATGCTTTAAATG  
GCTACTTTGGTTTGTGCTGTAAGTTAAGGCCTTGGATGTGGTTTAAATTGTTTGTCTTAAAGGAATAA  
AACTTTTTCTGCTGATAAGAAAAA  
>GBEQ0089 |Acc|AB025570|Ver|AB025570.1 GI:4589405|Equus caballus CqA mRNA for



chromogranin A, complete cds.

GGGGAGTCCAGCCACCCATCGTCCGGGTGCCGTGCCGTGCCGCCCCAGACTGCCAGCTGCTCGGCGCCC  
GCTTCGCCCATGCGCTCCGCCGTTGTCTTGGCGCTTCTGCTCTGCGCTGGGCAAGTCATTGCCCTCCCTGT  
GAACAGCCCTATGGATACAGGGGATACTGAGGTGATGAAGTGCATCGTTGAGGTCATCTCTGACACGCTC  
TCCAAGCCCAGCCCTGTGCCTGTGAGCCAGGAGTGTTCGAGACCCCTGCGAGGAGATGAACGGATCCTGT  
CAATCCTGCGACATCAGAATCTGCTGAAAGAGCTCCAAGACCTCGCACTCCAAGGTGCCAAGGAGAGGGG  
GCCTCAGCAGAAGCACAGCCGGCTTGAGGACGAACTCGAGAGGTTCTCGAGAAGCAGAACCCACAGGCC  
GAGCTGAAGGAGGTGACAGAAGAGGCGCTCTCTGAGGATGCTGCAGAGGCAAGAGGGGATTCTAAAGAGG  
TGGAGGAGAATGGGAAGATGCGGATGGAGCCAGGCCCCAGGCCGCCCTGGAGCCCCGAGCAGGAGTCCAG  
GGTTGAGGATGCCAGGCCCCAGGGGAGGAAAAGGAGGCCATCAACACCCACTCCCCAACCCGCTCCCC  
AGCCAGAAACACCCAGACCCACAGGCTGAAGGGGACAGCGACAGCCCTCCAGGGTCTGGTGGACAGAG  
AGAAGGGCCTGGGTGCAGAGCGAGGGCAGCAGGCAAAGAGAGAAGAGGAGGAGGACGAGGCTGGAGAGAA  
GGCTGACGCTGAGGAGGAAGGCCCCACCGCAGCATTAAACCCACCCGAGCCTCAGCTATAAGATCCGG  
AAGGGAGAGAGTTGGTCCGAGGCTCTGGTCTGATGGAGCCAGGAAGACTGGGGCTGAGGAGGCTCAGC  
CCCCGAGGGGCGAGGGGAGCGGGAGCACTCCCGCAGGAGGAAGAGGAGGAGGAGACGGCGGGGCTCTCC  
CTCTCGAGGCCCTCTTCCGGGGCGGGAAGAGCAGGGAGCTGGAGCAGGAGAAGGAGCAGGAGCGGCTCTCC  
AAGGAGTGGGAGGATGCCAAGCGGTGGAGCAAGATGGACCAGCTGGCCAAGGAGCTGACGGCCGAGAAGC  
GGCTGGAGGGGGAGGACGAGGAGGAGGACGACCCTGACCGCTCCATGAAGCTCTCCTTCCGGGGCCGGGC  
CTACGGCTTCAGGGGCCCCGGGCTGCAGCTGCGCCGAGGCTGGAGGCCGTCCTCCCGGAGGACGACATC  
GAGGCGGGCCTGCCCCCGCGGTGCGCGGCTACCCGAGGAGAAGAAGGAGGAGGAAGGCAGCGCCAACC  
GCAGACCAGAGGACCAGGAGCTGGAGAGCCTGTGCGCCATCGAGCGGAGCTGGAGAAGGTGGCCCCACCA  
GCTGCAGGCGCTGCGGCGGGGCTGAGGCGCCACCCGGCCACGCCAGCCAGGGCCCCGAGGCACCCCTGTGG  
TCCTGGCTCTTGTGTACCTCTGCAAGTCTGGCCAGGCGGCTGGGACTGCTTCCGTTAGGGAAGCCCC  
TTAAGCCAAGGCCACCCTGTTGTCCCCACACTCCTTTCTCTGCTCTTGACCCCTGCCCCAGGGTGCCT  
CTCTGCAGGGCAGACCCCATGACTATAAAGCACTATCCTCTCTGAACATGGGCAATTTCTAGAAGT  
TTCCCTTCCACCATCGGAGCCATTGGGCAACAAGTGAATAAATTCTGACCTTTTGATGAAAGCTGAGAAC  
TCTGCTGCGAGCAGACTCTATATGAAATTTAGCTAGGGAATAAATAAATTGCTCTGGGCTCTTGCCTG  
TTCTTTGA

>GBEQ0090 |Acc|AY005821|Ver|AY005821.1 GI:9858374|Equus caballus parathyroid hormone-related peptide mRNA, partial cds.

AACATCAGCTCCTCCATGACAAGGAAAGTCCATCCAAGATTACGAAGACGGTTCTTCTTACCACCT  
GATCGCCGAAATCCACACAGCGGAAATCAGAGCTACCTCGGAGGTCTCCCCAACCTCCAAGCCTGCTCCC  
AACACCAAGAACCACCCCGTCCGATTTGGGTCTGACGATGAGGGCAGATACCTCACTCAGGAACCAACA  
AGCTGGAGCCGTACAAAGAGCAGCCCCTGAAGACGCCGGGCAAGAAGAAGAAAGGCAGCCTGGGAAGCG  
CAAGGACGAGGAGAAGAAGAACCGGCAACTCGGTCGGCTGAGCTCGGAAGTGGCTGAGAGTGGG  
CTGGATGGGGACCACCTGTCTGACTTCTCCACGACGTCGCCGGAGCTCTATTTACGGAGGCATTGAAATT  
TTCGCAGA

>GBEQ0091 |Acc|AY005808|Ver|AY005808.1 GI:9717252|Equus caballus Toll-like receptor 4 mRNA, complete cds.

GGCAGGAGCGGCACGAGAGCAGCAGCTCCGAGGCTGCCCTGGCGGGCAGGCTGTTACGGTGCGTCATGCT  
TTCACAGGGCCCCCTTCTGGGCACAGAAAATGCCAGGATGATGCCGCCACCCGCTGGCTGGGACTCTGA  
TCCAGCCATGGCCCTTCTCTCTGCTGAGACCCGAGAGCTGGGACCCCTTGCCTGAGGTTGGTTCTTAA  
CACTACTTACCAATGCATGGACCTGAATCTCTACAAAATCCCTGAGAACATCCACATCAACCAAGGAA  
CTGGACCTGAGCTTTAACCCTTGAAGGAGTTAGGCAGCCATAGCTTCTCAACTTCCAGAACTGCAGG  
TGCTGGATTTGTCCAGGTGTGAAATTGAGATGATTGAAGATGATGCATATCAGGGCCTCAACCATCTCTC  
CACCTTGATATTGACAGGAAATCCTATCAGGAGCTTAGCCCTGGGAGCCTTTTCTGGACTCTCCAGTTTA  
CAGACGCTGGTGGCGTGGAGACAAAAGCTTTCATCTCTAGAGAAGTTCCCATTTGGACATCTCAAGACCT  
TGAAGGAGCTTAATGTGGCTCATAATCTTATCCATTCCCTCAAGTTACCCGAGTATTTTCTAAAATGCC  
CAACCTGGAGCCTTGGACCTTTTCCAATAACAAGATCCAAAATATTTCTCATGAAGACTTGCCTGTGCTA  
CATCAAATGCCCTTACTCAACCTTTCTTTAGACTTGTCCCTGAATCCTTTAGAGTTTATCCAACAGATG  
CCTTTAAAGAAATTAAGCTCCATAAACTGACTTTGAGAAGTAATTTTGATAGTATAGATGTAATGAAATC  
TTGTATTCAAGGACTGGCTGGTTTAAAGTCAATCGGTTGGTTCTGGGAGAATTTAAAATGAAAGGAAA  
TTGGAAAGATTTGACACATCTGCCCTGCGCGGACTGCACAATTTGACGATTGAAGAAATCCGGTTAGCAT  
ACATTGATAATTACAGCTCAAAGGATTCTATTGATTTACTTAATTTGTTTGGCAGATATTTCTAAAATTTT  
CTGGTGAAGTCTGATTTAGGCAATCTAAAAGATTTTCTAAAGGTTTCGGATGGCAAGACTTCAATTTG  
GTTAACTGTAGAATTGAAGGATTTCCACATTTGGAGCTCACCTCTCTCAAAGGTTGGTTTCTTCACTCCA  
ACAAAGATATGAAATCTTTTAAATGAAGTTAAGCTACCAAGCCTTGAGTTTCTAGATCTCAGCAGAAATCG

CTTGAGTTTCAAGTCTGCTGTTCTGAGGCTGATTTGAAGACAACCAGACTGAAGCATTAGATCTGAGC  
 TTCAATGATGTTATTTCCATGAGTTCAAACCTTCATGGGCTTAGAGCAACTAGAACATCTGGATTTCCAGC  
 ATTCACCTTTGAACAGGCCAGTGATTTTCCAGTATTCTTATCCCTCAAAAACCTCCGTATCTTGATAT  
 TTCTTACACTAACACCCGAGTTGTCTTCCATGGCATCTTTGATGGCTTGGTCAGCCTCCAAGTCTTGAAA  
 ATGGCTGGCAATTTCTTTAAGGACAACCTCCTTCCAAATATCTTCAGAGAGATGACTAACCTGACCACC  
 TGGACCTTTCTAAGTGTAACCTGGAACAGGTGTCCAGGAGGCATTTTGCTTACTCCCTCGACTTCGGGT  
 GTTAAATATGAGTCACAATAACCTCCTGTTCTTGGATATGCTTCTTACAAACCTCTCCATTCCTCCAG  
 ATTCTGGATTGCAGTTTAAATCGTATTGTGGCCTTCAAGTGGCAAGAACTGCAGCATTTTCCAAGTAGTC  
 TAGCTTCCTTAAATCTTACTCAAAATGACTTTGCTTGTGTTTGTGAATACCAGAGTTTCTGCAGTGGCT  
 CAAGGACCAGAGGCAGCTCTTGGTGGAAGTTGAACAACTTGGTGTGTGCAATACCTTACAGATGCGGGGC  
 ATGCCCGTGCTGGGTTTTAACAATGCCACCTGTGAGATTAGCAAGACTATCGTTGGCGGGTCGGTTTTCA  
 GTATACTCATGGTTTCTGTGCATAGCAGTTCTGGTCTATAAGTTCTATTTCCACCTGATGCTTCTTGCTGG  
 CTGCAAAAGATATGGGAGAGGTGAAAGCATCTATGATGCTTTGTTATCTACTCAAGCCAGGACGAAGAC  
 TGGGTGAGGAATGAATTTGGTAAAGAACTTGGAGGAGGGGTGCCCTTTCAACTCTGCCTTCACTACA  
 GAGACTTCATTCTGGTGTGGCCATCGCCGCCAACATCATCCAGGAAGGTTTCCACAAAAGCCGGAAGT  
 TATTGTCGTGGTGTCCAGCACTTCATTGAGAGCCGATGGTGTATCTTTGAGTATGAGATTGCCAGACC  
 TGGCAGTTTCTGAGCAGTGTGCTGGCATCATCTTCATCGTCTGCACAAGCTGGAGAAGTCCCTGCTCC  
 GGCAGCAGGTGGAGCTTATCGCTTCTCAACAGGAACACTTACCTGGAGTGGGAGGACAGTGTCTCTGGG  
 GCGGCACATCTTCTGGAGACGACTCAGGAAAGCCTTGCTGGATGGTAAACCGTGGAGTCCAGCAGGAACA  
 GCAGATGCAGCAGAAAGCAGACAACATGATGCAGAAACCTCTACCTGAGGAGGAAAACTCCTGAGGTGC  
 TTCTTGCCAGCTGGACCAATACTTGTTCAGTTAACAACATATTAATGCTGCAACATACCAGGCATTGT  
 GCTAGGGGCGAGGTGATTTCTGTGCTGCACAAGATACACAGGACTGCTAATCCCTTTGAGTTTACAGTGCAG  
 AGGGAATAAATGCCGTGCTAAAATACAGAACCTCCAGGGGATGTTTAAACCAAGTCAGCTAAGGAGTCC  
 GTGCCAGGGAAAGTCAACTCAACTCTTACCCCATCAAAATGAATCAGAACTGAGAGACTGGGCCCCAGTG  
 AGTTGAGAAAAGGACATCGTCTCCCAAGTCTTTTGAATGGAAACCATCTCATCTTTGACATCTTAGCCAT  
 CTTAAACAAAACAAAGCAGTTTTTGGTACTTTCAACTGAACAGCGTCTCTGTTCAATTTTCCCTTTTCTA  
 CTGAACACAATTTAAATTTTACTTGATGACTCAGAAGGCTCCTGATTGAGATCCTCCCTCCTCTTTAAGG  
 CAGTTTCTTATGAAGGTTAAACTCTTACGACTAATTCTTAAGGAAATCTGATTGATACATATTCACAAA  
 CATCTTGGTCATTCTTTAGCGTGCTCTATTTATTAATAAATAGCAGGTCTATTTAAAAA

AAA  
 >GBE0092 |Acc|AB032166|Ver|AB032166.1 GI:7209848|Equus caballus mRNA for MHC class II  
 associated invariant chain, complete cds.

CAGACACGAGGCGGAGCAGCAGCAGCAGCAGGAGGCGTGGGGAAGATCCGGAGCCAGAA  
 CCATGGAAGACCAGCGGACCTCATCTCCAACCATGAGCAGGTGCCATCCTGGGCCAGCGCCCCGCGGC  
 CCCGGAGAGAAAGTGCAGCCGTGGAGCCCTGTACACAGGCTTTTCTGTCTGGTGGCTCTGCTCCTGGCC  
 GGCCAGGCCACCACCGCTACTTCTGTTCAGCAGCAGGGCCGGCCGACAAAGCTGACCGTTACCGCGC  
 AGAACCTGCAGCTGGAGAGCCTCCGCATGAAGCTGCCAAAGCTGCCAAACCTGTGAGCAAGATTCGAGT  
 GGCCACCCCCATGCTGTATGCAGGCGCTGCCCATGGAAGGCTGTCCACGGGCCATGCAGAACGCCACC  
 AAGTACGGGAACACGACACAGGACCACGTGATGCACCTGCTCCTGAGGGCCGACCCCTGAAAGTGATACC  
 CACAGCTGAAGGGGAGCTTCCAAGAGAACCTGAAGCACCTCAAGAGCACCATGGATGGCCTGGACTGGAA  
 GGTCTTTGAGAACTGGATGCATCAGTGGCTCTTGTTTGAAATGAGCAGGAACTCGCTGGAGGAGAAGCCC  
 ACTCAGGGTCCGACAAAAGAACCACTGGAATCGAGGATCTGTGCTGTTGGGTGGGCATGGCCAAGTAGG  
 ATCTCAGCCAAGTCATCCTATGAGAACAGCAGACGCGCCAGCACCAGCCAGCCCTGCATGGCCGC  
 AACTCCCTTGTGCCCTTCTGTCCCCCAACCTAGGTCTCTCTGCCCCCTACACCCAACCCCTGCACCT  
 GCCGTACCCACCCCTGCACCTCATTCCCTGAGACTCTGGTGCTGGCTCTCCATCATCTGAGACGAGAA  
 ATCACCTCAGAACAGACAGATTAACAACGCAAGGTCCTCCCAACACTGCCATCAGCAGGGACACCCACAC  
 CAAGGAGGTGGGCCAAGACCTGGGCTGACCCCCATTTCTGACGCCACAGCAGCCGCTAGCATGGAGCTCC  
 AAGATCTAGGCCCCCTGGACGAGGCAGGCAGGTGACGGGAGAGGGGGCGACGCTCCCCCAAGTCCAACACA  
 TTTGCTCTCCCTCCCTCTGGCTTTTGGCCTCAGCATCCAGCCTGTTTAACTAGGGGGATGAGCCACCC  
 TTTCTTCCCCAGCATACCTCGGCCAGTAAGAACCCAGCCTCTCCACCCACACCCCTCCTCACTCTCTGC  
 CAACCCCTAGTTCCCTCTGCTCAGCAAGCTTGTCAACAGCCCTAGGGCGGCGGCTCCTGTAAGAATAAA  
 AGGTAGTAAGTAGACCAAAAAAAAAAAAAAAAAAAAAA

>GBE0093 |Acc|AF031696|Ver|AF031696.1 GI:2921287|Equus caballus steroidogenic acute  
 regulatory protein (StAR) mRNA, long form, complete cds.

GGACCCAGAGGCAGATCCTGACAGGCTCAGGAGGTCTGGAAGAAGCTCCCCTTGAGAGTAGGAGCAATAG  
 CAGCAGCAGCAACAGCACTGCTACATTTGCACCCGCGGCTGGAAACGATGCTCCTCGCGACGTTTAAGCT  
 GTGCGCTGGGAGCTCCTACAGACATGTGCGCAATATGAAGGGGCTGAGGCACCAAGCTGCCTTGCCATT

GGCCAGGAGCTGAACTGGCGGGCACCTGGGGGCCCCGACCCAGAGTGGGTGGATCAACCAGGTTCCGGCGTC  
 AGAGCTCTCTGCTTGGCTCTCAGCTAGAAGACACTCTCTACAGCGACCAGGAGCTGGCCTATATCCAGCA  
 GGGAGAGGAGGCAATGCAGAAGGCCCTGGGCATCCTCCGCAACCAGGAGGGCTGGAAGGAGGAGAACCAG  
 CAGGCAAAACGGGGACAAAGTGCTGAGTAAAGTGGTCCCAGACGTGGGCAAGGTATTCGGCTGGAGGTGG  
 AGGTGGACCAGCCCATGGAGAGGCTTTATGAAGAGCTTGTGGAACGCATGGAGGCCATGGGAGAGTGGAA  
 CCCAAATGTCAAGGAGATCAAGGTCTGCAGAAGATTGGAAGATACCGTCATCACCCATGAGTTGGCT  
 GCAGAATCAGCAGGAACCTTGTGGGGCCCCGAGACTTTGTGAGTGTGCGTTGTGCCAAGCGCCGAGGCT  
 CCACCTGTGTGTTGGCTGGCATGGCCACACAGTTTGGAGAGATGCCCGAGCAGAAAGGTGTCATCAGAGC  
 TGAGCATGGTCCCCTGTATGGTGTCCATCCCCTGGCTGGAACTCCCTCAAAGACCAAACCTCACTTGG  
 CTGCTCAGCATTGACCTCAAGGGATGGCTGCCAAGACTATCATCAACCAGGTCTTTTCGCAGACCCAGG  
 TGGATTTTGGCAACCCTCTGCGCAAGCGCTGGAGTCCAGCCCTGCTCCTGAAGCCAGGTGTTAAAGACC  
 AACTTGCTGCTCCCACTGTTCTAGCTGCATTGGCTTGCATGCTCATCAGGAAAATCCCTGCCAGAAGC  
 CTCAACATCTGTTTAAAGATCTTTATCTGAGGATAGTGTGATGGGGTGGTAGTATGTTTAGAGTATGGTAA  
 TAGGACTCAGACTGGTAAAATTTTACTACCAAGAAAATGGGGACAAGGCTCTTAGAAGAAAATCTTAGCT  
 TCTTCACCTGATTAGCTACGAAATGAAGTTAAGGGTCCCAAAATATTTGTAAAACCTTTTCTGGGTCTA  
 ATGTCTACCTGAAAACATCTTAAAATGCTACTGGCTGATACGGGGTGCAGAGGTGCTAAAATACAAGGAC  
 TGGGACCTCATGCTTTACGGGCTCAAGAGCTCCATTCTCTGCAGGCAGTGTGTATGGACATTCAGGGTCT  
 TACAAAAGGGGCTCCGGCAACCCTCCCCTCCTACACCAAGTAGGTAGAGAGCTGCTCCACTGGACAAGCAA  
 CTCCCCACAGCAGGTGCTGCTAAAAGCCTAGTCCAAGTTTTCTTGATGAAAAAGTACAAAACATAATTAT  
 TAGACTGCTTCCCTTACTTCTTAGACGAGCAAGTCAGAATAAAGAATCATAACTAACACACAAAATTCAG  
 CCTGTGCATGTTTTAAATTTCTGCTCCTAGAAAAAAAATCTAGTAAATTGCAACTGCATACTAAAGGA  
 GTCCTGGACAAAGATTTTAAATTAACATAATCCCCTAGCTCATTAAAAGGAAAAACTACTGGGTAGTTAT  
 GTCATTCGACTAGAAATCAGTTACCAGAATCTTTTATAAAAATTTAATTTCCACGATATGCACAAGCCTTC  
 ATCAGTTCTTAACTCTACAACCTGGTAACATTTCAAGATGAAGATTATGACTGAGGATTTTATTTACCT  
 AATTAAAAGGAAGGACAGTACCAATATGAGAGAACGAACGGCATTTACTAAGATAAAAACAAATTTTATT  
 TTCCCGTAGTGATTGTTTAGACCTAAAAATGGAAGTGAATCTTTAGTTTCAAGTTCTATTATATCAGCTTT  
 CAGCTTTGGCTTGGGCTGCCACTTTATCTGCTTAGTAGGTCAAGTGTCTTACTATTTTGAGGAGATGGCTGG  
 AAGAAGGGGTAATATGGTGTAGCAAAATCCCCTTCCAAGATTCAGAGACTTTTGTCTTGAAAATATAAA  
 TCGGGATCGGATTATTTTGTAAAATGTGCAAGTAGGATGAAAAACCAACATTACCCTTGAAGCTTTTTC  
 CATTTTAGTTCTAAGAGCATTATGAACATAATTTGGAACATAGCTCTAGCTTATTAACAAATTAGCAG  
 TAGTTGGGAATGCTCATGTTTACTGAGGTATTGAAATTTTACAATTGGTAGAGGTATTATTTATTCTG  
 ATTGTTTGTAGAAATAGTCTATTTTGGCATAGATCAAACCTGTTTATCTTTCCAGGAGCTTCAGTGTGAG  
 AGAGAGAGCTGTAGAGGTGTTTCTAGAACAGAATTACCATCCACTCCCAGCTAAGAAACATGGTCACTTG  
 TTTGAAGATGGGTAAAGCAATACATACTCTGGTTTCAAAGTAAAGAAATGGTCTTTCAACACACACCAT  
 GGTTTTGTAGCTCAATTAATTTGGCTTCTTCAACTACGCACTGTGTCTTTGGGGTGAAGGAGAGATA  
 TTTTCCCCTTGTTTAATTTTCAATTTGGAATAAAATAAGTTGTCACTGATGATCTGTTTAAAGAAACCAT  
 TTTTATACAGGACTGTATGGGGCGTGGATATTCTTTGAGCCCTTCAAATGAACCTTCTCAAAGACAGACAC  
 TTCGAATATGAAGTATAAAGAGGCAAAATCATTATTTCTGTAACCTCTAATTTATGAAAGCCAAATGTAC  
 AAAAACCTAATTTTATCATTCAAATTAATGAGTGTACAAGTTAAAAA

>GBEQ0094 |Acc|AF018072|Ver|AF018072.2 GI:8277420|Equus caballus pituitary gonadotropin-releasing hormone receptor mRNA, complete cds.

GCGCGCCTGCAGGTCGACACTAGTGGATCCAAAGAATTCCGGCAGGAGGAGGAGGAGTGGCAGAAACACAAGT  
 CTTGAAGCTCCATCAGTTGGGAAGTATGGCAAAACAGTGCCCTCTCCTGAACAGAATCAAAATCACTGCTCA  
 GCCAGCAACAGCAGCATCCCGCTGACGCAAGCCAACCTCCCTACCTTATCTGGAAAGATCCGAG  
 TGACAGTTACTTTCTTCTTTTCTACTCTCCACAACCTTTAACGCTTCTTTTTTGTGAAACTTCACAA  
 CTGGACTCAGAAGAAAGAGAATGGGAAAAAGCTCTCGAAGATGAAGGTGCTTTTAAACATCTGACCCCTA  
 GCCAATCTGTTGGAGACTCTGATTGTCATGCCACTGACGGAATGTGGAACATTACAGTCCAATGGTATG  
 CTGGAGAGCTCCTCTGCAAGTCTCAGTACCTGAAGCTTTTCTCCATGTATGCCCCAGCCTTCATGAT  
 GGTAGTGATCAGCCTGGACCGCTCACTGGCCATCACAAGGCCCTAGCTGTGAAAAGCAACAGCAAGCTT  
 GGACGGTCCATGATTGGCTTGGCTTGGCTTCTCAGTAGTATCTTTGCTGGACCACAGTTATACATCTTCC  
 GGATGATCTGTTAGCAGACAGCTCCGGACAGACAGAAGGTTTCTCTCAATGTGTAAACACATGCAGTTT  
 TCCACAATGGTGGCATCAAGCCTTTTACAATTTTTTACCTTCAGCTGCCTCTTCATCATCCCTCTTCTC  
 TTCATGTTGATCTGCAATGCAAAAATCATCTTACCCTGACAAGAGTCTTTCATCAGGATCCCCACAAAC  
 TACAACCTGAATCAATCCAAGAACAATATACCAAGAGCTCGGCTGAGGACCTAAAGATGACGGTTGCATT  
 TGCAACTTCATTTACTGTCTGCTGGACTCCCTACTATGTCTAGGAATTTGGTATTGGTTTGTATCCTGAA  
 ATGTTAAACAGGGTGTGAGATCCAGTAAATCACTTCTTCTTTCTCTTTGCTCTTTTAAACCCATGCTTTG  
 ATCCACTTATATATGATATTTCTCTCTGTAATTGATACATCACACAGGAAGTACGTAAAGAAGAGCAA

GTTAATGAATTTCTCATTGTTGGGAATGATAAACACAAAGAGTCACGTAAAGAAGAGCAAGTTAATGAATT  
TCCTCATT

>GBEQ0095 [Acc|AF141931|Ver|AF141931.1 GI:7959946|Equus caballus low-affinity IgE  
receptor (CD23) mRNA, complete cds.

GGCACGAGGGTTAGACCTGTACCACGGCCTGTGGCCCTGCCGGCGTCGCCCAACGGCCCCAACAGACT  
AGGAGGAGGACGACGCGCTCGAAACTCATATCCAGATCCCAGCCAGAGCTGTGACTGTGCCAGTCAAGT  
GGACTGCCTTGACAGGTGGTGAGCACTCTGTCACTGGGAGAATCCAAGCAGGGCTGCCATGGAGGAACAT  
GCATACTCAGAGTTCCCAAAGTTTCCAGGAGGCGGGCAGTGTGCCAGCGGGGACGCTGCTCGCAC  
TGCTGGGACTGGTGACCACCGCATGTGGGCCGGGCTGTGACCCTGCTTCTCCTGTGGCACTGGGAGAC  
TGTGCAGAAGCTGAAACAGCTGGAAGACCGCGGCCAGAACGACTTGGAGACTGTGCAGAAGCTGAAACAGCTGGAAAGACCG  
CAGCTGGAAAGACCGCGGCCAGAACGACTTGGAGACTGTGCAGAAGCTGAAACAGCTGGAAAGACCG  
CGGCCAGAACGCTCTCTCAGGTTTCCAAGGACTTGGAAAAACACAAGGGGAGCAGGTGGCCAGGAATC  
CCAGGTGCCAAGATGTGCGCAGAGCATGGAGAAATCCAAGATGAGCAGAACAGAATGAATCTCAGGAC  
TCGGAGCTCTCCCGGAACCTGAACGGAATTCGCGAGGACCTGAGCGACCTCCAGTCCCAGGGCTTGAATG  
AGAGACGCGCAGCCTTGACGCACTGGACAGGCTCCAGGAGGAAGTGGCGAAGCTGTGGATAGAGCTACG  
CGTGTCCAACGGCTCCACGTGTAAACAGTGCCTCGGACGACTGGGTCCATTCCAAAAGAAGTGTACTAC  
TTCGGGGAGGGCCCCAAGCGGTGGATCCAGGCGCGGTTCGCCTGCAGCAAGCTGCACGGGCGGCTGGTCA  
GCATCCACAGCCAGGAGGAGCAGGACTTCTGACCCGCCACGCCAACAAAGAAAGGCTCCTGGATTGGCCT  
TCGGGACCTGAACATAGAAGGGGAGTTTGTCTGGATGGACCAAGAACCCCTGGACTACAGCAACTGGCAG  
CCGGGGGAGCCCCAACACGGGGGCCAAGGCGAGGACTGCGTCATGATGCGGGCCTCCGGGCACTGGAACG  
ACGCCTTCTGTGGCAGCTACCTGGACGGCTGGGTGTGTGACCGGCTGGTCACTGCTGACTGCCACCAG  
CCACCTCGGCCCCCTGGGTCCACGGGGATTTGTCTGAGTCGTGGACCTGACAGCCCCCTGCCCGCCC  
ACCAGGAGCGCCCCCTCTGTCTCACTCCCCCATCTCAAACACGGGAACAGCAAGGCCCATGGCAGGACCT  
GAGGACCCCCGCCAAGGCTGGACACCTCTTTGGTGGCTGAAGGGTCTTGGTGATACTTCTTACACCCC  
AATGGAGCAGCTGATCCATCTCGGCTCCTGCCAACGCCCGGAGGGCTTGTCCCTTGTCTCTCAGGC  
CAAGCTGGCCATTGCCACCTCCCTGACTTTAAGGGCTTGAGGATCCCACCTCGAGAACCCTGCCACGA  
GCCTGAAGGCTAGCAGCCCCCTCTCACTGGGGCACAGCTCCTGGCAGCCAGCCGCTCCAGGAGCGGCC  
CCGACCCGTGTGCTTCTGTGCCCCGACCTGGCCGTCTGCTGGAGTCAGGAGTGAACCCCCACCCGTGC  
CCTCCCCAGACGCGCGCGTGTCCGGGCACACACAGCAGAGTCCCCCGCTCAGGCAGCCAGTCTCCCC  
ACCCGGCCTGCATCAGTAAGACAGGGCGACGGGGGCCCTCAGCCTGGCCCCCTCCTCAGGGCCCTGCAG  
GTGTGGAAAGTGGGAGCTGGGAGGCCAGGGGCCAGCAGGGGTGGGGACAGGACTGGGCCCTCTGGAGCG  
AAAGATGGGCTGGACTCCAGGTCACTGTGCTCTCTATTCACTGCCATCCCTAGATGTCTGTGTCCCC  
AGCTCCCCACCCCGGAATCCCGGCCAGCGCAAACTGCCTACCTGAGCCCTCCACACTGTATTGAGGC  
TCCCCCTTACAGTCACTCAGGCCGCACTGGGGGCACCCTGGCCACCTCGTTCCCTCACTGCCCCCTCC  
AAACCCATAAGGAGAGCCATGGGCGTGGTGTCCAGCACATCTCAGAATCCACCCACTGCCTTGGCGTG  
CCCCATCTCACTCCCTCTGGTCTCCCTCTTCACTGCCCCCAAACATTTCTAGAAGTTTCTTTCAATAT  
AGAGGAAAGCCAAAGCCTTACAGGTCCTTTGCGATCTCAGAACCCTCCACAGTGCCTTATCTCCCCA  
ACTTCACTTCTCTTCTCTCCCTCCCGCATCCGGCACCCACCCAGCCACCTCCCTATACCTTAAACATTT  
AGGCTCACTCCCAACCCAGGGCCTTGCACATGCTGCCTCCCTGCTAGCTCCTCAGTGAGGCCATCTCT  
GAGCTCTCCCTCCCTCCATTTAAATGACAGCCCTGACTCCCAGTCCGTTTACTCCTCTGTACTCTCC  
CACCACGGCACCCTTCTCTCTCCGACAAGATGTGTAATTCAGTGTCTGTTCACTGCCTGTGTACACGGG  
TTAGAATGCAAGCTTCAGGAGGGCAGGTGCCTGCCTTTGTTTGGTTCTCAGCTGTCCCCAGCGCTGGCA  
CACAGTAGCTCGTGCC

>GBEQ0096 [Acc|AB033415|Ver|AB033415.1 GI:7592741|Equus caballus IL-1RII mRNA for  
interleukin-1 receptor type II, complete cds.

TGAAGGTCAAGCCTGGCAGCCGTCCCCAGGCGAGAAGCGACAAGGAGAAAGATGCAGAGCTACAGGCTA  
CAGGTTGCTGGCCCTGAGATCTCCACTTCTGTGATCTCTCCAGAGTTGTGCGAGAACAATGCCATTTTGT  
ACATGTTGATATTGGGTGTTCCCGCCTTCAACATTACGCTGAGGAGCGCACAGTGAAGTGCAGGAACTG  
CCAATTTCTTGGCAAGCATTTCAAAACCGACCTCATGTTGGAAGGGAGCCTGTGGTCTGAGGTGCCCG  
CAGGCATGGTATAGGTGGTTGGACTCTGCCAGCTCACATGTCAACGTGACGTGGCGTAAAAACGATTCTA  
CTAGGTTGTTCCAGAGGAAGAAGAGACGCAATGTGGTCCAGGACAATGCTCTCTGGATTGTCGGCG  
CTTGAGGGGGACTCTGGCACCTACATCTGCACTGTGAGAAACGCCTCGTACTGCTATGAAATGTCCACT  
GAGCTCAGGTTTTTTGAGAAGACAGAAGCTGCCCTGACTTACATCTCATACCCGAGATCCTAACCTTGT  
CAACCTCTGGCTTACTAGTTTGCCTGAGCTGAGTGAATTCACCCGGAACAAAACGACGTGGAGGTTCA  
ATGGTACAAGGATTCTGTCTCTTTTGGATCAAGACACAGGAAGTTTCTAAGTGTGGCAGGACCCCTCGT  
TTACTCGTACAAAATGTGTCTATGGAGGATGCGGGCTATTACAGCTGTGTCTATGACCTTGATCCACAATG  
GCACACGAGTCAACATCACTAGAAATATCGAACTCCGTGTCCAGAAAAGAAGAGAGGAGACTGTTCTCTGT

GATTGTCTCCCCCGCCAGACCATACTGGCTTCACTGGGGTCAAGACTGATAATCCCGTGTAAGGTGTTT  
CTGGGAGCCGGCACACAGTGGACCACCGATCTGTGGTGGATGGCCAACAACACCAACATAGACATTGCCT  
ACCGGGGAGGTTCGCGTGACGGAGGGGCGAGCGCCAGGAGTACTCAGAAAATAATGAGAACTACATCGAAGT  
GCCATTGATTTTTGTATCCAGTCATAAGAGAGGATTTGAACACGGATTTAAATGTGTACCTATAACACA  
CGGAGTTTTTCAGACGCTACATACCACAGTCAAAGAAGCCGCCACGTTCCCTTGGGGGACTGTACTGGCCC  
CTCTTTTGTCTGGTCTTCTTGGTTTTGGGAGGAATATGGATGCGCAATCGGTGCAAACACAGACGTGGAAA  
AGCGTATGGTTTTGACTGCATTAAGATTGAGCGTCAAGTTTTTTCAATCTTATCCAAGTAAAAATAAGGAA  
ATAAAATAATTCAAATA  
>GBEQ0097 |Acc|AF121140|Ver|AF121140.1 GI:6841025|Equus caballus double minute 2 protein  
mRNA, complete cds.  
ATGTGCAATACCAACATGTGTGTCTACTGATGGTGTCTGTAAGCACCTCACAGATTCCAGCTTCGGAAC  
AAGAGACCTGGTTAGACCAAAGCCATTGCTTTTGAAGTTGTTGAAGTCTGTTGGTGCACAGAAGGACAC  
TTATACTATGAAAGAGGTTATATTTTATCTTGGCCAGTATATCATGACTAAACGATTATATGATGAAAAA  
CAACAACATATTGTGTATTGTTCAAATGATCTTCTAGGGGATTTGTTTGGAGTCCCAAGCTTCTCTGTGA  
AGGAACACAGGAAATATATACAATGATCTACAGAAATTTGGTAGTAGTCAGTCAGCAAGAACCATCAGA  
TTCAGGCACATCTGTGAGTGAACAGGTGTCACTTGAAGGTGGGAGTAATCAAAGGACCTTGTGCAA  
GAGCTACAGGAAGAGAAACCTTCATCTTCAGATATGGTTTTCTAGACCATCTACCTCATCTAGAAGGAGAG  
CAGTTAGTGAGACAGAAGAAAAATTCAGATGAATTACCTGGTGAACGACAGAGAAAGCGCCACAAATCTGA  
TAATATTTCCCTTTGATGAAAGCCTTGCTCTGTGTGTAATAAGGGAGATATGTTGTGAAAGAGC  
AGTAGCAGTGAATCGACAGGAACCTCCATCAATCCGGATCTGGATGCTGGTGAAGTGAACATTCAAGGTG  
ATTGGTTGGATCAGGATTCAGTTTCAGATCAATTCAGTGTAGAATTTGAAGTTGAGTCTCTTGATTCAGA  
AGATTATAGCCTCAGCGAAGAAGGACAAGAATCTCGGATGAAGATGATGAGGTGTATCGAGTTACTGTG  
TATCAGGCAGGCGAGAGTGATACAGATTCAATTTGAAGAAGATCCTGAAATTTCCCTAGCTGACTATTGGA  
AGTGTACTTCATGCAATGAAATGAATCCTCCCTTCCACCTCACTGCAACAGATGTTGGGCCCTTCGTGA  
AAATTGGCTTCCCTGAAGATAAAGGAAAAGATAAAGGGAATATGTCTGAGAAAGCCAAACTAGGAGACTCG  
ATGCAAGAAGACGAGGGCTTTGATGTCCTGACTGTAAGAAATCTACGGTCAGTGATTCCAGAGAATCAT  
GTGTTGAAGAAAAATGATGATAAAATCACACAAGCCTCTCTGTCTCAAGAAAGTGAGGACTATTTCAGCC  
ATCGACTTCTAATAGCATCATTTATAGTAGCCAAGAAGATGTCAAAGAGTTTGAGAGAGAAGAAACACAA  
GACAAAGAAGAAAGTATGGAGTCTAGTTTTCTTAAATGCCATTGAACCTTGTGTGATTTGCCAGGGTC  
GACCTAAAAATGGTTGCATCGTCCATGGCAAAACAGGACATCTTATGGCATGCTTCACATGTGCAAAGAA  
GTTAAAAAAGGAATAAGCCCTGTCCAGTATGTAGGCAACCAATTCAATGATTGTGCTAACTTATTTTC  
CCCTAG  
>GBEQ0098 |Acc|AF035774|Ver|AF035774.1 GI:2661135|Equus caballus beta actin mRNA,  
complete cds.  
ATGGATGATGATATCGCCGCGCTCGTGGTGCACAACGGCTCCGGCATGTGCAAGGCCGGCTTCGCGGGCG  
ACGACGCTCCCCGCGCGCTCTCCCTCCATCGTGGGGCGCCCCCGGCACCAGGGCGTGATGGTGGGCAT  
GGGCCAGAAGGACTCATACGTGGGCGACGAGGCCAGAGCAAGAGGGGCATCCTGACCTCAAGTACCCC  
ATCGAGCACGGCATCGTCACCAACTGGGACGACATGGAGAAGATCTGGCACCACACCTTCTACAACGAGC  
TGCGCGTGGCCCCCGAGGAGCACCCCGTGTGCTGACCGAGGCCCCCTGAACCCCAAGGCCAACCGCGA  
GAAGATGACCCAGATCATGTTTGAGACCTTCAACACCCCGGCCATGTACGTGGCCATCCAGGCCGTGCTG  
TCCCTGTACGCCTCTGGCCGACCACTGGCATCGTGATGGAATCCGGTGACGGGGTCAACACACTGTGTC  
CCATCTACGAGGGGTACGCCCTCCCCACGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACGGA  
CTACCTCATGAAGATCCTCACGGAGCGTGGCTACAGCTTACCACCACGGCCGAGAGGGAAATCGTGCGT  
GACATCAAGGAGAAGCTCTGCTATGTGCGCCTGGACTTCGAGCAGGAGATGGCCACCGCGGCCCTCCAGCT  
CTTCCCTGGAGAAGAGCTACGAGCTGCCCGACGGCCAGGTTCATACCATCGGCAACGAGCGGTTCCGCTG  
CCCCGAGGCCCTCTTCCAGCCCTCCTTCTGGGCATGGAATCCTGTGGCATCCACGAACTACCTTCAAC  
TCCCATCATGAAGTGTGACGTGACGTACGATCCGTAAAGGACCTGTACGCCAACACAGTGTGTGCGGGTGGACCA  
CCATGTACCCAGGCATCGCCGACAGGATGCAGAAGGAGATCACAGCCCTGGCTCCAGCACGATGAAGAT  
CAAGATCATTGGCGCCCCCTGAGCGCAAGTACTCCGTATGGATCGGCGGCTCCATTCTGGCCTCATGTGCC  
ACCTTCCAGCAGATGTGGATCAGCAAGCAGGAGTACGACGAGTCCGGCCCCCTCCATCGTCCACCGCAAT  
GCTTCTAG  
>GBEQ0099 |Acc|AF178685|Ver|AF178685.1 GI:7381417|Equus caballus butyrylcholinesterase  
(Bche) mRNA, complete cds.  
ATGCAGAGCTGGGGTACAATCATATGCATTCGAATCTCTTGCGATTTCTTCTGCTCTGGGTGCTTATCG  
GGAATCACACACTGAAGAAGACATCATAATTACAACCAAGAACGAAAAGTCAGAGGGATGAACCTGCC  
AGTTCTTGGTGGCACAGTAACAGCCTTTCTTGGGATTCCCTATGCACAGCCGCTCTTGGTAGACTTCGA  
TTCAAAAAGCCACAATCCTTGACTAAGTGGTCCAATATTTGGAATGCCACAAAATATGCCAATTCCTGCT

ATCAGAACACAGATCAAAGTTTCCCAGGCTTCTTGGATCAGAGATGTGGAACCCAAACACTGAACCTTAG  
 TGAAGACTGTTTATATCTGAATGTGTGGATTCCAGCACCTAAACCAAAAAATGCTACTGTAATGATATGG  
 ATCTATGGTGGTGGTTTTCAAACTGGGACATCATCTTTGCCTGTTTATGATGGCAAGTTTCTGGCTCGGG  
 TTGAAAGAGTTATTGTAGTTTCAATGAACATAGAGTGGGTGCCCTAGGATTCTTAGCCTTATCAGAAAA  
 TCCTGAGGCACCAGGGAACATGGGCTTATTTGATCAACAGTTGGCACTTCAGTGGGTCCAAAAAATATA  
 GCAGCCTTTGGTGGTAATCCTAGAAGTGTAACTCTCTTTGGAGAAAGTGCAGGAGCAGCTTCAGTTAGCC  
 TTCATTTACTTTCTCCTAGAAGCCAGCCTTTGTTTACCAGAGCCATTCTGCAAAGTGGATCCTCTAATGC  
 CCCTTGGGCAGTAACATCTCTGTATGAAGCTAGGAACAGAACATTGACCCTAGCTAAACGTATGGGTTGC  
 TCTAGGGACAATGAGACTGAGATGATCAAATGTCTTCGAGACAAAGATCCCCAGGAAATTTCTTCTGAATG  
 AAGTATTTGTTGTCCCTATGATACTCTCTGTCTAGTAACTTTGGTCCAAGTGTGGATGGCGATTTTCT  
 CACTGACATGCCAGATACACTACTCCAACCTGGACAGTTCAAAGAACCAGATCTTGGTGGGTGTTAAT  
 AAAGATGAAGGGACAGCATTTTTAGTATATGGGGCTCCTGGTTTCAGCAAAGATAACAACAGTATCATAA  
 CAAGAAAAGAATTTTCAGGAGGGTTTAAAAATATTTTTTCCAAGAGTGAGTGAGTTTGGAAAGAGAATCAAT  
 CCTTTTCCATTACATGGACTGGTTAGATGATCAGAGAGCCGAAAACTACAGAGAGGCCTTGGATGATGTT  
 GTTGGGGATTACAATATCATATGCCCTGCCTTGGAGTTTACCAAAAAGTTCTCAGAATTGGGAAATGATG  
 CCTTTTCTACTATTTTGAACACCGATCGACCAAACCTTCCCTGGCCAGAATGGATGGGAGTGATGCATGG  
 TTACGAAATCGAATTTGTCTTTGGTTTACCTCTGGAAAGAAGAGTTAATTACACAAAAGCTGAGGAAAT  
 TTGAGTAGATCCATTATGAACGCTGGGCAAAATTTTGCAAAATATGGAAATCCAAATGGGACCCAGTAA  
 TAGACAAGATGGCCTGTCTTCAAGAGCACTGAACAAAAATATTTAACCTTGAATACAGAGTCACCAAA  
 AGTGTACACCAAACCTACGAGCTCAACAATGTCGATTCTGGACACTATTTTTTCTAAAGCTTGGAAATG  
 ACAGGAAATATTGATGAAGCAGAACGAGAATGGAAAGCAGGATTCATCGCTGGAACAATTACATGATGG  
 ACTGGAAAAATCAATTTAACGATTACACTAGCAAGAAAGAAAGCTGTTTCAGATTTTGA  
 >GBEQ0100 |Acc|AF230359|Ver|AF230359.1 GI:6970098|Equus caballus urokinase plasminogen  
 activator receptor mRNA, partial cds.  
 GTCTGGAAGCCACAGGCACTAAAGGCCGGGGGAACCTCAAGCTACACAGCAAGAGGCTGTGCAACTCCCTC  
 ATGGTGCCACCGCCTCCCGTGGCTGAGGCTTCAGCCTGACCATGTCAACGTCTCGTGCCATCCCGGA  
 AATGGCTCTAACTACGCATTCAGTCCCATGCGGGGGTGGCCCTCGGCGCTGGCCCTACTTCTAGCC  
 TCACCGTCAACCTGCTTATGACTGCCAGACTCTGGGGAGGCACTCTCCTCTGGACCTGAACTCCACACTC  
 CCCCTGCCTTGGCTGGATCCAAGGGCCCCCTTTGCCCTTCCCTCAGCTCCCAGCCCTGCAGACTTGCTGT  
 GTGACTTCAGGCAAGTGTGCTGCCCTCTCTGGGCCCTCAGTTTTTCCAGCTGTCAAACACCTATCTCGCA  
 GAGTTGTGAGAAACAGGGGAGAAAAGTTGGAGAAAGGCTGCAGGCCAGCGAGAGAGCTCTTTTATTAAT  
 GTTATTGCCGCTGTTGTTATTATTAATTAATATTTGAATATTTGTTTTATTTAATATTTTATACTTGAAT  
 AAAGATTTTGTACCACTGAAAAAAGAAAAAAGAAAAA  
 >GBEQ0101 |Acc|D29625|Ver|D29625.1 GI:473710|Equine mRNA for peptidylglycine  
 monooxygenase and peptidylamidoglycolate lyase.  
 CCGGCGTGGACATGGCTGGCCTTCGTAGCCTGCTAGTTCTCCTCCTTGTTTTTTCAGAGCAGCTGTTTGGG  
 TTTCAGAAGCCCACTTCTGTCTTTAAGAGGTTTAAAGAAACTACCAGACCATTTCCTAATGAATGTCTT  
 GGTACCACAGACAGTCATTCCTATTGATTATCATCAGATTTTGCATTGGATATTTCGATGCCTGGAGTCA  
 CACTAAACAGTCTGATACATACTTCTGCATGTGCGATGCGTTTGCCAATGGATGAGGAAACCTTCGTGAT  
 TGACTTCAAACCTCGTGCCAGCATGGATACTGTCCATCATATGTTACTTTTTGGTTGCAATATGCCTCA  
 TCCACTGGAAGTTACTGGTTTTGTGATGAAGCGCTCTGTACAGACAAAGCCAATATCTCTATGCCTGGG  
 CAAGAAATGCTCCCCCACCAGACTCCCCAAAGGTGTTGGATTTCAGAGTTGGAGGAGAGACTGGAAGTAA  
 ATACTTCGTACTACAAGTACACTATGGGGATATTAGTGCTTTTAGAGATAATCACAAGGACTGTTCTGGT  
 GTGTCTTACACCTCACAGCCTGCCACAGCCTTTAATTGCTGGCATGTACCTTATGATGGCTCTTGACA  
 CTGTTATACCAGCAGGAGAGAAAGTGGTGAATCTGACCTTTCATGCCATTATAAAAAGTACCCAATGCA  
 TGCTTTTGCTATAGAGTTACACTCACCATTAGGTAAGGTAGTAAGTGGCTACAGAGTAAGAAATGGA  
 CAGTGGACACTGATTGGACGTGAGAGCCCCAGCTGCCACAGGCTTCTACCCTGTGGAAACACCCAGTAG  
 ATGTCAGTTTTTGGTGACATACTGGCAGCAAGATGTGTGTTCACTGGTGAAGGAAGGACAGAAGCCACGCA  
 CATTTGGTGGCACATCTAGTGATGAAATGTGCAACTTATACATTATGTATTACATGGAAGCCAAGCAGCA  
 GTTTCTTTTACATGACCTGTACCCAGAATGTAGCTCCAGAAATGTTCAGAACCATCCCCCAGAGGCCAATA  
 TTCCAATTCTGTGATTGAGTCCGACATGGTTATGATGACATCGACATCACAAGAAACAGAGAACAAGATAA  
 GACTTCACTACAACAGCCAAAACAAGAAGAAGAGTGTAGAACAGGGTGATTTCTATTCACTGCTTTCC  
 AAGCTGCTAGGAGAAAGGGAAGATGTTGTTCTGTGCATAAATATAACCTACAGAAAAGGCAGAAATCAG  
 AGTCAGACCTGGTAGCTGAGATTGCAAATGTAGTCCAAAGAAGGATCTCGGTGATCTGATGCCAGAGA  
 GAGTCAGAGCATGAGGACAGGGGCAATGCTATTCTTGTGACAGACAGAAATTCACAAATTCACAGACTA  
 GAATCTACTTTGAGGCCAACAGAGAGCAGAGTTATCTCAGTACCGCAGCCCTACCTGGTGAAGGCACCT  
 GGGAAACCAGAACACACAGGAGATTTCCATGTAGAAGAGGCAGTGGATTGGCTGGAGTATACTTGTAC



496

AGAATGTATCTGAGAGATACATGGCTTGCAAAAAGTAAAGCATTATCGTTACACCGAGTGCATTAAAGCAA  
TTTCCAACATATTTTGTAGTAGCTCGAAGTACCACAGTATACCAGTAAGCTGCTCTAGGATAGCATTTCCT  
GAATGTGGCTTATTCAGATATTTGATAAACGTAATGCTATGAATAATTTCTGTTTTACAATTTTGTAT  
TGGGCAACTGTTTTGAAAATATTAAATGCTTTGTATGATTTCGGTT

>GBEQ0104 |Acc|AB001692|Ver|AB001692.1 GI:4589875|Equus caballus Cu/Zn-SOD mRNA for Cu/Zn  
superoxide dismutase, complete cds.

CTAGTTTGCCTTGCGTCGGCGCTCTTCTGCTGCGTCTGTGGTCCCTTCGGATCTCGGAGCAGAGCGCGACC  
CCGCGAGTCATGGCGCTGAAGGCCGTGTGCGTCTGAAGGGCGATGGCCCGGTGCACGGCGTCATCCACT  
TCGAGCAGCAGCAGGAAGGTGGGCCCCGTGCTTCTGAAGGGATTCAATTGAAGGATTAACCAAAGGCGATCA  
CGGATTCCACGTCCACGAGTTTGGAGATAATACACAAGGCTGTACCACTGCTGGTGCTCACTTTAATCCT  
CTGTCGAAAAAACACGGTGGACCAAAGGACGAAGAGAGGCATGTTGGAGACCTGGGCAATGTGACTGCTG  
ATGAAAATGGTAAGGCTGATGTGGATATGAAAGATTCTGTGATCTCACTCTCGGGAAAGCATTCCATCAT  
TGGCCGCACAATGGTGTCCACGAGAAACAGATGACCTGGGCAAGGTGGAAATGAAGAAAGTACAAAG  
ACGGGGAACGCTGGCAGTCGTCTGGCTTGTGGTGTGATTGGGATCGCTCCGTAAACATTCCCGGTGTCAT  
GGTCTGAGTCTTAGTAACTCATCTGTTATCTTGCTAGTTGTAGAAATTTAACTTGATAAACATTAAACGC  
TGTAACCTT

>GBEQ0105 |Acc|AF200416|Ver|AF200416.1 GI:6449386|Equus caballus lipopolysaccharide  
receptor (CD14) mRNA, complete cds.

GGCAGAGGGAATCTGCAGCTGCCAGCATTAATTAGCCTTCCTCTTTTCTAACCTCTTGTACAGACTGTT  
GTCAGTCAGTGCAGCTCTCTCCCTGATTTCGGCCATCCTGGGTGATGTTACGCAAGAACCATTTCCTG  
GGGACCATCTTACTTCTAATGGGGCCAAAGAAATGGAAGGCAATGTGTAGACGACCTTTAGATTACAGGG  
CAGTCTTCTCCTGGAGCATCTTCTCCTGGCCCTGCCCCCTTCCATGCTGTTTGAATTAGCCAGCAGGA  
GGCTGTGACCGGGGTAGTAGGCAGTGGCGACATGCTCCTCTCGTGCCGCTCGTGCCGAATTCGGCACGA  
GTGGAAGCCAGCGAGCGCCGCTGTATAGGAAGAAGCCGAGCTCTTCCAGAGTCCACCGGGGAGGCAG  
AGGCTCTGAGGACCTATAGACCATGGTGGCGCGCCCTGCCTGCTGCTGCTGCTGCCACTGCTGCGCTTC  
TCTGCGGCCACACTAGAGCCCTGTGAGGTGGACGATGAGAACCTCCGCTGCGTCTGTAACCTTCACGGGTC  
CTCAGCCCCGACTGGTCCAGCGCCTTCCAGTGCATGACTGCCGTCGAGGTGGAGATCCGTGGCGGCGGCCG  
CAACCTGGAACAGTTTCTAAAAGGCGCCTCCGCCGACCCGAAGCAGTATGCTGACATTGTCAAGGCCCTG  
CGCCTGCAGCGGCTCACAGTGGGCGCCGTACAGGTTCTGCCCCGCTTCTGGTGCGCCCTCCTACGTGCGC  
TCGGGTACTCCCGCCTCAAGGAAGTACGCTGGAGGACCTAGAGGTAACCGGCACGATGCAGCGCCGCC  
TCTAGAAAGCCACTGGGCCTCCGCTCTCCTCCCTCCGCTCTCCGCAACGTGTCGTGGGCGACAGGAGGTGCC  
TGGCTCGCCGAAGTGCAGCAGTGGCTCAAGCCGGGCTCAAGATATTGAGCATTGCGCAAGCTCACTCAC  
TCGCCCTTTCTGCGCGCAGCTCCACAGTTTCTCGGCCCTCCACACCCCTAGACCTGTCTGACAATCCTGG  
ACTGGGCGAGCGCGGACTGATTGCAGCTCTCTGTCGACAAAGTTCGCGGCCCTCCGAGATCTAGCGCTC  
CGCAACGCGGGGATGCAGACACCAACGGCGTGTGCGCGGCGATGGCGGCGCGGGGTGTGCAGCCCCATA  
GCCTGGACCTCAGCCACAACCTCGCTGAGCGCCGCTGCTCCGGGCGCTCCAGGTGTGACTGGCCAGCGC  
ACTGAGTTCTCTCAACTTGTCTTCTGCTGGGCTGGAGCAGGTGCCTAAAGGACTACCGGGCAAGCTTAGC  
GTGCTTGATCTCAGCTGCAACAGGCTCAACAAGGCGCGGAGCAGACGAGCTGCCCGTGGTGAGTAATC  
TGATACTGGACAGGAATCCCTATCTGGACCTGAAGCGTCCAAGCAGCAAGACCAGAACTCCGGCGTGGT  
CGCCGCTGTGCGCACTCAGCCCTGACCGTGGGGATATCAGGAACCCTGGCGCTGCTTCGAGGAGCCGGG  
GACTTCGCCTAAGCCCCAGGGGAGAAGAAATGAATTGACTCAGATTGCCCTGGCTCCAGGGGAGCCTCATT  
AGGACGTCTTAACCAACCGACCTCTGCCCCATCTTCATTAAATCTTAAACAACAAAAA

AA  
>GBEQ0106 |Acc|Y11130|Ver|Y11130.1 GI:5441624|Equus caballus mRNA for interleukin 12 p35  
subunit.

ATGTGCCCGCGCGCGCCCTCCTCCTTGTGGCCATCCTGGTCTCCTAAACCACCTGGACCACCTCAGTT  
TGGCCAGGAACCTCCCCACAGCCACACAGGCCAGGAATGTTCCAGTGCCTCAACCACTCCCAAAACCT  
GCTGAGGACCGTCAGCAACACGCTTCAGAAGGCCAGGCAAAACCTAGAATTCTACTCCTGCACTTCTGAA  
GAGATCGATCATGAGGATATCACAAAGACAAGAGCAGCACCGTGGCGGCCCTGCCCTCCCCCTGGAACCTCG  
CCCCAAGCAGAGTTGCCTGGCTTCAGAGAGATCTCTTTCATAACTAATGGGAGTTGCCTGACCCCGG  
AAAGCCTCTTCTATGATGACGCTGTGCTTAGCAGCATCTATGAGGACTTGAAGATGTACAGGTGGAG  
TTCAAGGCCATGAATGCCAAGCTGTTGATAGATCCTCAGAGGCAGATCTTCTGGATGAGAACATGCTGA  
CAGCCATTGACAAGCTGATGCAGGCCCTGAACCTCAACAGTGAAGTGTGCCACAAAGCCCTCCCTTGA  
AGGACTGGATTTTATAAACTAAAGTCAAGCTCTGCATCCTTCTCATGCCTTCAGAAATCCGCGCAGTG  
ACCATCAACAGGATGATGGGCTATCTGAATGCTTCTCTAA

>GBEQ0107 |Acc|Y11129|Ver|Y11129.1 GI:5441622|Equus caballus mRNA for interleukin 12 p40  
subunit.



ATGTGTACACAGTGGTTGGTCTCTCTGGTTTTCCCTGGTTTTGCTGGCGTCTCCCTCATGGCCATAT  
GGGAACCTGGAGAAAGATGTGTATGTTGTAGAAATTGGATTGGTACCCTGATGCCCTGGAGAAATGGTGGT  
CCTCACCTGCAATACCCCTGAAGAAGAAGGCATCACCTGGACCTCGGCCAGAGCAATGAGGTCTTAGGC  
TCTGGCAAAACCTTGACCATCCAAGTCAAAGAGTTTGGAGATGCTGGCTGGTACACCTGTACAAAGGAG  
GCGAGGTTCTGAGCCATTCTCACCTGCTGCTTCACAAGAAGGAAGATGGAATTTGGTCCACTGACATTTT  
AAAAGACCAGAAAGAATCCAAAATAAGACCTTTCTAAAATGTGAGGCAAGAATTATTCGGACGTTTC  
ACATGCTGGTGGCTGACAGCAATCAGTACTGATTGAAATTCAGTGTCAAAGCAGCAGAGGTTCCCTCTG  
ACCCCGAGGGGTGACGTGTGGAGCAGCGACACTCTCCGAGAGAGGGTCAGCGTGGACGACAGGGAGTA  
TAAGAAGTACACGGTGGAGTGTGAGGAGGCGAGTGCCTGCCCCGCGCCGAGGAGAGCCTGCCATTGAG  
ATCGTGGTGGATGCTGTTCAAGCTCAAGTATGAAAACCTACACAGCGGCTTCTTCATCAGGGACATCA  
TCAAACAGACCCACCAAGAACCTGCAGCTGAAGCCATTAAAGAATTCTCGGCAGGTGGAGGTGAGCTG  
GGAGTACCCCGAGACCTGGAGCACCCACATTCCTACTTCTCCCTGACATTCTCTATTTCAGGTCCAGGGC  
AAGAACAAGAAGGAAAGGAAAGACAGACTCTTCATGGATGAGACTTCAGCCACAGTCACATGCCACAAGG  
ATGGCCAGATCCGTGTCCAAGCCAGGGACCGCTACTACAGCTCATCCTGGAGCGAATGGGCATCCGTATC  
CTGCAGTTAGGGATGCAGACTCAGGCAGCCAGGCCAGACCTGAACACTCAGTGTACCCAGGTTCTAACC  
TCAGTATG

>GBEQ0108 |Acc|Y11131|Ver|Y11131.1 GI:5441616|Equus caballus mRNA for interferon gamma inducing factor (IL-18).

ATGGCTGCTGGACAGTAGAAGACAATTGCATTAGCTTGGTGGAAATGAAATTTATTGACAACACACTTT  
ACTTTGTAGCTGAAAACGATGAAAACCTGGAATCAGATTACTTTGGCAGGCTTGAACCTAAACTCTCAAT  
CATACGAAATTTGAACGACCAAGTTCTCTTCATTAACCAGGGAAATCAACCTGTGTTTGAGGATATGCCT  
GATTCTGATTGTACAGACAACGCAACCCAGACCGTATTTATCATATATATGTATAAAGATAGCCTACTA  
GAGGTCTAGCGGTAACCATCTCTGTGAAGTGTGAGAAAACGTCTACTCTCTCCTGTAAGAACAATAATAT  
TTCTTTAAGGAAATGAGTCTCTCTGAGAATATCAATGATGAAGGAAATGACATCATATTCTTTAGAGA  
AGTGTTCAGGACATGATGATAAGATACAGTTTGAGTCTTCACTGTATAAAGGATACTTTCTAGCTTGTG  
AAAAAGAGAATGATCTTTTCAAACCTCATTTTGAAGAAAAGGATGAAAATGGGGATAAATCTGTAATGTT  
CACTGTTCAAAACCAAGACTAG

>GBEQ0109 |Acc|AJ224929|Ver|AJ224929.1 GI:3021370|Equus caballus mRNA for cathelicidin eCATH-3.

ATGGAGACCCAGAGGAACACCCGTTGCCTGGGTAGATGGTCACCGTTGCTACTGCTACTGGGCCTGGTGA  
TCCCTCCGGCCACCCTCAGGCCCTCAGCTACAAGGAGGCCGTGCTCCGTGCCGTGGATGGCCTCAACCA  
GCGGTCTCAGATGAGAATCTCTACCGCCTCCTGGAGCTGGACCCGCTGCCCAAGGGAGACAAGGACTCT  
GATACCCCAAAACCTGTGAGCTTCATGGTGAAGGAACTGTGTGCCCCAGGATAATGAAGCAGACACCGA  
AGCAGTGTGACTTCAAGGAGAATGGGCTGGTGAACAGTGTGTGGGGACAGTCATCCTGGACCCAGTCAA  
GGACTACTTCGACGCGCTGTGATGAGCCCCAGCGTGTCAAAGATTTACAGCGTGGGTAGGCTTATC  
CAGAGACATCAGCAGATGATTCTGTGACAAGAGTGAAGCAACTCGTCATGGTATCAGGATTATTACTCGAC  
CTAAGCTCCTTCTAGCATCCTAGGCTCTGCTTGCCCTGGCTCAGGCTTCAGGATACTGAAAAATGAATTC  
TTGGGGCCAGCCAGTGGCGCAGAAAGTTTCTGTTCCGCTTTGGCAGCCCGGGTTCAGTGGTCTGTA  
TCCCGGGTGGGACACGGCTCACTTGCAAGCCATGCTGTGGCAGGTGTTCCACATATAAGGTAGAGGAAGA  
TGGGCACAGATGTTAGCTCAGGGCTAATCTTCCTCAAATAAATAAATAAATAAATAAATAAATAAATAA  
TTCTTGTGAGAGC

>GBEQ0110 |Acc|AJ224928|Ver|AJ224928.1 GI:3021368|Equus caballus mRNA for cathelicidin eCATH-2.

ATGGAGACCCAGAGGGACAGTTGTTCCCTGGGTAGATGGTCACTGTTGCTACTGCTACTGGGCCTGGTGA  
TCCCTCTGGCCACCCTCAGACCCCTCAGCTACAAGGAGGCCGTACTCCGTGCCGTGGATGGCCTCAACCA  
GCGGTCTCAGATGAGAATCTCTACCGCCTCCTGGAGCTGGACCCGCTGCCCAAGGAAGACGAGGACCCA  
GATACCCCAAGCCTGTGAGCTTCACGGTGAAGGAGACTGTGTGCCCCAGGACAACACAGCAGCCACTGG  
AGGAGTGTGACTTCAAGGAGAATGGGCTGGTGAACAGTGTGTGGGGACAGTTGTCTTGGACCCGGCCAA  
GGACTACTTCGACATCAGCTGTGATAAGCCTCAGCCTATCAAGAGACGGCACTGGTTTCCCTTATCTTTC  
CAGGAGTTTCTGAACAGCTTAGGAGATTTCTGTGACCACTCCCTTTTCCCTGATGTAGGTTCTTTCTAG  
GGTCTAGGGTCTGCTTGTCTGGCTGGGCTTCTGGACCCCTGAAAAATAAATCTTGTGTAAGCAACTTC  
AA

>GBEQ0111 |Acc|AF132043|Ver|AF132043.1 GI:4836693|Equus caballus green opsin mRNA, complete cds.

GGCTTTCTGGAGCCATGGCCCAGCGTGGGGCCCCCAAAGCTTGCAGGTGGGCAGCCGACGGCCGGCTT  
TGAGGACAGCACCCAGGCGAGCATCTTACCTACACCAACAACAGCCACCAGAGACCCCTTTGAAGGC  
CCCAATTACCACATCGCTCCAGATGGGTGTACCACGTACCAGCGCTTGGATGATCTTTGTGGTCAATCG

499

TAGTTTCATCTGCATATGAAATTGACGTTCCGGTCATGTCCTCTTAACCCAAATGAAAGCAACGGCACTAT  
AATTTGGTATAAAAAATGACAGCGAGACACCTGTGTCTATGGAACGAGACTCTAGGATTTCATCAGTACAAA  
GATAAACTTTGGTTTGTCTCTGCTAAAAATAGAGGATTTCAGGACATTACTATTGTGCAGTAAGAAATTCAA  
CTTACTGCCTCAAAGTTAAAAATAACTGCAAGGTTTGTACAGCATGAGCCTGACTTGTGCTACAAATGCACA  
AGCTATATTTACACAGAAACTACCCCTTGGAGAAGATGGACTTCTAGTGTGTCCTTATTTGGAAGTTTTT  
AGAGATGAAAACAATGAGTTACCCAAAATACAGTGGTATAAGGATTGCCAACCTCTACTTCTCGACAATA  
TAAACTTTATTGGAAAAACAGATAAACTCATTGTGGCGAATGTGACAGAAGCGCATAAAGGGCACTATAC  
TTGTCTATATATCTACACACACTTGGGAAAAACAATATCCTATTACCCGGGTTATAGGACTTATTACTCTA  
GATGAAATCAGGCCCACGAAGCCTCTGATCGTGAGTCCAGTTAATGAGACGATGGAAGTGGACTTGGGAT  
CGCAGGTACAACCTGATCTGCAATGTCACTGGCATGTTTACTGACTTTGTGTACTGGAGGTGGAATGGCTC  
ATTAATTTGATGACAGTGACCCAGTGTGGTGGAAAGAGTATAAACCAGTGGAAAACCCCTTCCCTCAAAGA  
AGGCATACACTTATCACAGTGCTTAATATTTCCGCGAGTGGAAAGTAGATTTTACCTATATCCATTTACCT  
GTTTAGCCAAGAATTCATATGGTAGAAGTGCAGCATATGTCCAATTAAGACAACCAAGTCCCTGATTTCCA  
GAAGCACGTGATTGGCATATTTGTCTGTTAACAGTAGCAATTACATGCTCTGTTTTTCATCTATAAGCTC  
TTCAAGGTTGACCTGGTGTCTTGGTACAGGATTCTTGTCTATGATTTTCGCTCCCCAAAAGCTTCAGATG  
GAAAGACCTATGATGCATACATACTGTATCCAAAGATCCTTGGGGAAGGGTCCACCTCTAACTCAGATAT  
TTTTGTGTTTAAAGTCTTGCTGAGGTCTTGGAAAAACAGTGTGGCTACAAGCTGTTTCATTTATGGAAGA  
GATGACTATGTTGGGGAAGACATTGTTGAGGTCACTAATGAAAACATAAAGAAAAGCAGAAGACTGATTA  
TCATTTGGTCCGAGAAACCTCAGGATTGAGCTGGCTGGGGAGCTCCTCTGAGGAGCAAATAGCAATGTA  
CAATGCTCTCGTTCCAGGATGGAATTAATAATTCCTGCTTGAGCTGGAGAAGATCCAAGACTATGAGAAA  
ATGCCGGAGTCCATTAAAGTTCATTAAAGCGGAAACATGGGGCCCTACGCTGGTCCGGCGACTCTAGGAAGG  
GACCACAGTCTGCAAAGGCGAGATTCTGGAAGAATGTCAGGTACCGCATGCCGGTTCAGCGGCAGCTGCC  
TTCATCCAAGTCCAGTTACTATCCCCGCCACTAGGCCAGACTCAAAGGAGAAACTGCAAGGGGAGGTC  
CACGTGCCGCTCGGGTAGCTGGGAGCCGCGCAGCAAGAGTTGCTTGGGTGCCTCCTGTCTTAGGGCCTT  
GCAGGTGGGGCTGTGCCTCCACTGACTGGACAGTCATAAGATGCACCTGCATAGTCCCTTATCCCCAAGG  
TCACCTGGAATCAGATTGTTAAGGGAGCAGGATGTGACAATAGCAGGCCAGGGCACTTCAGAGCAGAGGG  
TCGGGAAGTCCCTTTAAAAAGGCAACAAATGCCCTGTCTGAAGGTTTGAATTTGCTGAGAGAAGACACTG  
GGACAACAAACGAGAGGAAAGAACGTGCAGGAGATAGTTCCATCTCCAGACGGTTTTATGAAGTTGTCTG  
CAATCGAGGGGTGGGGCTGAGACCCAGTCTGGGGACGGCAGGGTGAGTGGCCCTCCAGTGGCTCTCATGG  
GCAGTTCTGCTGGTGAAGTGAAGTCACTGTTTTCAGGAAAGCACAAATATCTTGGAGAATTTCCGTTTGC  
CTTGCAATTTTCCATGCACGTCAACAGCTAGCAGTCAGTTTCCAAAGACTGAATTCATTTTCACAGACCT  
TTCAAACCTGTCACTTCAGTGAACAAAGGGAGCCTCTAGGATTCCAAGGTTTGAATAACCTTAGCTTTTC  
CACTGGAGAGAGAGAATTTCAAAGCAGCAGTAGCAGAGAATTGGTCCCTCTTGGTGTCTCTGCCCCC  
AGTGGCCACTTCTGTTCTACCTTACTCTTCTGCCCTTTTCTGACTCGTTACTTCTTTGGAAGGACAACCT  
CCAAGTCACTTCTGCTGCTGTCTGTCACAGCATGGCCACAGATTTCATCATCCCTCATCAAACGCTG  
TTCTCATCTTCCCCAGTCTTGCCAAACCTCCGAGGGGCTGCTCCTGGCTCAGGAGCTAAAGCCAGA  
TCTCCCACTAGCATTTTACCACCACCCCAACCCCAATCTGTACACAGCTGTCCCTCCTGTCTGCT  
GTGTGAATGC

>GBEQ0114 |Acc|AF175709|Ver|AF175709.1 GI:5733113|Equus caballus transforming growth  
factor beta 1 (TGFb1) mRNA, complete cds.

GCGCCGCTGCCCCATGCGCCCTCCGGCTGCGGCTGCTGCCGCTGCTGCTGCCACTGCTGTGGCTACT  
AGTGTGACGCCTGGCCGGCCAGCCGCGGACTGTCCACCTGCAAGACCATCGACATGGAGCTGGTGAAG  
CGGAAGCGCATCGAGGCCATCCGCGGCCAGATCCTGTCCAAGTTGCGGCTCGCCAGCCCCCGAGCCAGG  
GGGAGGTTCCGCCCCGCGCTGCCCGAGGCGGTGTCGCTTACAAACAGTACCCGCGCCAGGTGGC  
CGGAGAGAGCGCTGAGACGGAGCCGAGCCTGAGGCGGACTACTACGCCAAGGAGGTACCCGCGTGCTA  
ATGGTGGAAAAGGAAAACGAAATCTATAAGACTGTGGAGACCGGCTCACACAGCATATATATGTTCTTCA  
ATGCTCGGAGCTCCGGGCAGCAGTGCCTGATCCATGCTGCTCTCCGGGACAGAGCTGCGCCTCCTAAG  
GCTCAAGTTAAGCGTGGAGCAGCATGTGGAGCTGTACAGAAATACAGCAATAATTCCTGGCGCTACCTC  
AGTAACCGGCTGCTGACCCCGAGCAGTCCGCGGAATGGCTGTCTTTGATGTACCCGGAGTCTGTGGGC  
AGTGGCTGAGCCAGGGAGGGGCAATGGAGGGCTTCGCCTCAGTGGCCACTGCCCTGTGACAGCAAGA  
TAACACACTCCGCGTGGGCATCAACGGTTCACTTCCAGCCGCGGGTGATCTGGCCACCATTGATGGC  
ATGAACCGGCCCTTCTGCTCCTCATGGCCACCTTCACTGGAGAGGGCCAGCAGCTGCACAGCTCCCGGC  
ACCGCGAGCTCTGGACACCAACTACTGTTCCAGCTCCACAGAGAAGAACTGCTGCGTACGGCAGCTGTA  
CATTGACTTTTCGAAGGATCTGGGCTGGAAGTGGATCCACGAGCCCAAGGGCTACCACGCCAATCTCTGC  
CTGGGGCCCTTGACCTACATTTGGACCTGGACACGAGTACAGCAAGGTCCTGGCCCTGTACAAACGAGC  
ACAACCCGGGCGCTGCGCGCGCTGCTGCTGCGCAGGTGCTGGAGCGCTGCCCATCGTGTACTA  
CGTGGGTGCAAGCCCAAGGTGGAGCAGCTGTCCAACATGATCGTGGCTCCTGCAAGTGCAGCTGA

>GBEQ0115 |Acc|AJ243283|Ver|AJ243283.1 GI:5689753|Equus caballus mRNA for tissue inhibitor of metalloproteinase 3, (TIMP-3 gene).  
ATGACCCCTGGCTCGGGCTGGTCTGCTCCTGGGCAGCTGGAGCCTGGGGGACTGGGGCGCCGAGGCGT  
GCACATGCTCGCCAGCCACCCAGGACGCCCTTTTGCAACTCCGACATCGTGATCCGGGCCAAGGTGGT  
GGGGAAGAAGCTGGTGAAGGAGGGGCCCTTTGGCACACTGGTCTACACCATCAAGCAGATGAAGATGTAC  
CGAGGCTTCACCAAGATGCCCCATGTGCAGTACATCCACACGGAAGCTTCGAAAGTCTCTGTGGCCTTA  
AGCTGGAGGTCAACAAGTACCAGTACCTGCTGACAGGCCGTGTCTACGACGGAAGATGTACACAGGACT  
CTGCAACTTCGTGGAGAGGTGGGACCAGCTCACCTCTCCAGCGCAAGGGGCTGAACTATCGGTATCAC  
CTGGGTGTAACTGCAAGATCAAATCCTGCTACTACCTGCCTTGCTACGTGACCTCCAAGAACGAGTGTC  
TCTGGACCGACATGCTCTCCAATTTGGGTACCCTGGCTACCAGTCCAAACACTACGCCTGCATCCGGCA  
GAAGGGCGGCTACTGCAGCTGGTACCAGGCTGGGCCCCCGGACAAGAGCATCATCAATGCCACAGAC  
CCTTGAGCACCAGCCCCAGCCCCACCTCACCTCCCTCCCTCCCATTTGAGCTTCCCTCGGACACTAACTT  
CTTCCCAGATGATGACAATGAAATTAGTGCCTGTTTTCTCGCAATTTAGTACTTCGAACACTTAAAGAA  
AAGTCTATGCTGTATATGGAGTTTCTTTGGAACCATCTCTGGCCCCACCCTACTCCTTCTCTTGGT  
TTTGACATCACCTATTTCCACCGGGAATTTTGGTGCCATGCCAAAAAGAAATGAGGAATGACACGCCCTC  
TTCTTCGTGAGAATATAATCTATATTTTTTTAGGAAAACAAAATCGAGAACTACCCATTTGGGCATT  
GTAATACCTACTGCTTTTCTTCCCACTCCCATCTCGCAGACCTCCTGCTTTTGCCATTCTTC  
TCCACCACATAAAGGACACAGACAAGGAACCTTGCTG  
>GBEQ0116 |Acc|AF090119|Ver|AF090119.1 GI:5669606|Equus caballus caspase-1 mRNA, complete  
cds.  
ATGGCCGACAAGGTCCTGAAGGAAAAGAGGAGGCTGTTTATCCGCTCAGTGGGCACGGGTACAGTAAATA  
GCTTGCTGGATGAAGTGTAGAGAAAAGGTGCTGAACCAGGAAGAGATGGAGAAAGTAAGAGATGAAAA  
TGCTACAGTTATGGATAAGGCCGAGCTTTGATTGCTGTCTATTCGAAAGGGCCCCAGGCATGCCAA  
ATTTTTATCGGTCACATTTGTGAAGATGACCCCCACCTTGACAGAGACACTGCGCCTATCCTCAGGTCCAC  
AATCTGGAAATTTCTTAAACACAAGACTCCCAAGCAGTGGTTTATTCCTCCCCAGCTCTTCAGGCAAT  
GCCGGATGACCTGGCTAAGCTTGCAATGTGACGGGCCAAAAGTGAGCCTCAAGCTTGTTCACCAAGTG  
GTCGAAAGGATATGGAAAGAAAAGTCAAGAGATGTACCCAATAATGGGAAAGTTCGATGACCCGCACAC  
GGCTTGCGCTCATTATCTGCAACACAGAGTTTGACAATCTTCCAGGAGAGCTGGAGCTGAAGTTGATAT  
TGCAAGTATGAAGGTGCTGCTAGAAGGTCTGGGGTACAGTGTGGAAGTGAAAGAAAATCTCACCGCTTGG  
GACATGACTACAGAGCTGAAGGCATTTGCTGCCCGCCAGAGCACCAGTCTCTGACAGCACTTTCCTGG  
TGTTTCATGCTCATGGTATTCGAGAAGGCATTTGTGGGAAGAAATTTCTCTGAGAAAGTCCCAGATGTATT  
AGAAGTCAACACCATCTTTCAATTTTAAACACAGGAAGTGTCAAATTTGAGGGACAAACCAAGGTG  
ATCATTATCCAGGCCTGCCGTGGTGAGAATCAAGGGGTAGTGTGGTTAAAGACTCAACAGGAACCTCTG  
GAAATAGTCTCTCACTGGCTCCAGACGATTTTGAGGATGATGCCATTAAGAAAGCCCATGTAGAGAAAGA  
TTTTATTGCTTTCTGCTCTTCAACACAGATATGCTTTCTTGCGGAAGTCCCACACGGGCTCTGTTTTTC  
ATTGAGAACTCATTGAAAATTTGCAAGAATATGCCTGGTCTGTGATCTGGAGGAAATTTTCCGAAAGG  
TCCGATTATCATTGAGTTGCCAGATGCTAGGGCACAGATGCCCACTGCCGAAAGAGTGACTTTGACAAAG  
ACGCTTCTACCTCTTCCAGGACATTAA  
>GBEQ0117 |Acc|AF137509|Ver|AF137509.1 GI:5052354|Equus caballus cyclin T1 (cycT1) mRNA,  
complete cds.  
ATGGAGGGAGAGAGGAAGAACAACAACACGGTGGTATTTTACTCGAGAACAGCTGGAAAAATAGTCCAT  
CTCGTGGTTTTGGCTGGACCCAGATAAAGAACTTTCTTATCGCCAGCAGGCGGCCAATCTGCTCCAGGA  
CATGGGGCAGCGTCTTAACGTCTCACAATTGACTATCAACACTGCTATCGTATACATGCATCGATTCTAC  
ATGATTCACTCCTTTACACAGTTCCATCGAAATCTGTGGCTCCAGCGGCCCTTATTTCTAGCAGCTAAAG  
TAGAGGAGCAGCCAAAAAATTTGGAACACGTCAAAAGTAGCACATGCTTGCTCCATCCACAGGAATC  
ACTTCTGATACACAGGAGTGAGGCTTACCTGCAACAAGTTCAAGATCTGGTGATATTAGAAAGCAATAAT  
CTGCAGACTTTAGCCTTTGAGCTAACAAATTGATCACACCACTACACATGTGGTAAAGTGCACTCAGTTG  
TTAGAGCAAGCAAGGACTTAGCACAGACTTCTTACTTCATGGCAACCAACAGCCTGCATTTGACCACATT  
TAGCCTGCAGTACACACTCCTGTGGTGGCTGTGTCTGCATTCATCTGGCTTGCAAGTGGTCCAACCTGG  
GAGATCCCAGTCTCACTGATGGGAAGCACTGGTGGGAGTATGTTGACGCCACTGTGACCTTGGAACTTT  
TAGATGAACCTTACACATGAATTTCTACAGATTTGAGGAGAAAACCCCAACAGGCTGAAACGAATTCGGAA  
\*TTGGAGGGCATGCCAGGCTGCCAAGAAAACAAAAGCAGATGACCGAGGAACAGATGAAACACTTCAGAG  
CAGACAATCCTCAATATGATTTCCAGAGCTCCTCCGACACAACATTTGAGGTTTAAATGAGCATGTCAA  
CTTCTTCTACCAAGTACAGTGCCTTCCCTTCCAACCACTGAAGAGTCATCCAGCAACTTGAGCGGTGT  
GGAGATGTTGAGGGCGAGCGTTGGCTGTCTCCCAACCTCCTTTTAACTAGAACCTGCTCAGGGCCAT  
CGGACTAGTGAGAATCTAGCACTTATAGGAGTTGATCATTCCTTGCAACAGGATGTTTGAATGCATTTA  
TTTCCAGAAAGCAGAATAGTAGTAAGAGTGTGCCATCAGCTAAAGTGTCACTGAAAGAATACCGTGCAAA

GCATGCAGAAGAGTTGGCTGCCCAGAAGAGGCAACTGGAGAACATGGAGGCCAACGTAAAGTCACAGTAT  
GCATATGCTGCCCAGAATCTCTATCTCACCATGATAGCCATTCTTCAGTTATTCTGAAAATGCCCATAG  
AGGGTTTCAGAAAACCCCGAGCGGCCCTTTCTGGAAAAGCCTGACAAAACAGCTCTCAAAATGAGAATCCC  
AGTTGCAAGTGGAGATAAAGCTGCCCTCTCAAAACCAGAGGAGATAAAAATGCGCATTAAAGTCCATGCT  
GCACCTGACAAGCACAATTCTATAGATGACAGTGTACAAAAGAGCCGAGAGCACAAAGAGAAGCACAAGA  
CTCACCCATCTAATCATCATCATCATATAATCACCACCTCACACAAGCACTCTCACTCACAGCTTCCAGC  
TGGTACTGGGAACAAACGGCCAGGTGATCCAAAACATAGCAGTCAGACAAGCACCTTAGCACACAAAACC  
TATAGCTTGTCTAGTTCTTTCTCCTCTTCCAGTTCTAGTCGTAAAAGGGGGCCCCCTGAAGAGACTGGAG  
GGGCACTTTTGTATCATCCAGCGAAGATTGCCAAGAGTACTAAATCCTCTTCCATAAATTTCTTCCCTCC  
TCTTCCAACAATGGCCAGTTGCCCTGGGCATAGCTCAGACACAAGTGGCCTTCTTTTTCACAGCCCAGC  
TGTAAAACTCGAGTTCTCATATGAAACTGGATAAAGGCCCCACGGGGGCCAATGGTCACAACAACCC  
AGACGATAGACTATCAAGATACTGTGAATATGCTTCACTCCCTTCTCCATGCCAGGGTGTTCAGCCCAC  
TCAGCCCCCTGCATTGGAATTTGTTCACTTCTTACGGTGAATATCTGAATCCACGGGCTGGTGGAAATGCCA  
TCCAGATCTGGCAATACAGACAAACCCAGGCTACCACCTTACCATCAGAACCTCCTCCACCACTTCCAC  
CCCTTCCAAAGTGA  
>GBEQ0118 |Acc|AB029430|Ver|AB029430.1 GI:5381206|Equus caballus DBH mRNA for dopamine  
beta-hydroxylase, complete cds.  
CAGCCATGAAGGTCCCCAGCCCCAGCGTGCAGGAGGAGCTTCCATGTACGGCACAGCGGTGGCCATCTT  
CCTGGTTCATCCTGGTGGCCGCGCTGCAGGGCTCGGAACCCCCGAGAGCCCCCTTCCCTTACCGCATCCCCG  
CTGGACCCCGAGGGGACCCTGGAGCTCTCCTGGAATGTCTAGTACGTGCAGGAGACCATCCACTTCCAGC  
TCCTGGTGCAGGAGCTCAAGGCTGGGGTCTGTTTGGGATGTCGGACCGTGGTGGAGTGGAGAACGCTGA  
CCTGGTCTGCTCTGGACCGATGGGGACAGTGCCTATTTTGGGGACGCTGGAGTGACCAAGGGGTGG  
ATCCACCTGGATGCCAGCAGGATTACCAGCTGCTGCGGGCACAGAGGACCCCAAGGCGCTGTCCCTGC  
TCTTCAAGAGGCCCTTTGGCACCTGTGACCCCAAGGATTACCTCATCGAGGACGGCACCCTCCACTTGGT  
GTACGGGATCCTGGAGGAGCCGTTCTGGTGCCTGGAGGCCATCAACACCTCGGCCCTGCACACGGGGCTG  
CAGAGGGTGCAGCTGCTGAAGCCCAACGTCTCCGTCCCTGCCCTGCCCGCGGACATGCGCACCATGGAGG  
TCCGTGCCCCAGAGCTCCTGGTCCCCGCGCCAGGAGACCACCTATTGGTGTCTACATTACTGAGCTTCCCGA  
CGGCTTCCCCCGGCACCATATCGTCTATGATGAGCCATTGTCAACGAGGGCAACGAGGCCCTGGTGCAC  
CACATGGAGGTCTTCCAGTGCAGCCCGGAGTTCGAGAGCTTCCCCAGTTCAACGAGCCCTGCGACTCCA  
AGATGAAGCCCGCCCTCAACTACTGCCGCAACGTGCTGGCCGCTGGGCCCTGGGCGCCCAAGGCCCTT  
TTACTACCCAGAGGAAGCTGGCCTTGCTTTGCGGGGTGCCGGGTCTCCAGATTCTCCGCTGGAAGTT  
CACTACCACAACCCACTGAAGATAGAAGGCCGCGCGACTCTCTCGGGCATCCGCTGTACTACACAGCCA  
CGCTGCGTCTGCTTTGACGCAGGCATCATGGAGCTGGGCCCTGGTGTACACGCCCGTGATGGCCATCCCCC  
GCAGAGAGCGGCTTCTGCTCCTCAGAGCTACTGACAGCAAGTGCAACCCAGCTGGCCCTGCCTCCCTCG  
GGGATCCACATCTTGCCTCTCAGCTCCACACGCACCTGACGGGGAGGAAGTGGTCAACCGTGTGGCC  
GGGACGGCCGAGAGAGGGAAGTTGTAACAGGGACGACCACTACAGCCCTCACTTCCAGGAGATCCGCAT  
GTTGAAGAAGTTCGTGTCTGTCCACCCGGGGGATGTGCTCATCACTTCTGTCAGTACAAACAGGAAGAC  
AGGAAGCTGGCCACCGTGGGCGGCTTCCGCTCCTGGAGGAGATGTGCGTCAACTACGTGCACCTACTACC  
CACAGACACAGCTTGAGCTCTGCAAGAGCGCTGTGGACCTGGCTTCTGTCAGAAAGTATTTCCACTTCTG  
GAACAGGTTCAATGGCGAGGAAGTCTGCACCTGCCCTCAGGCCTCTGTCCCTGAGCAGTTTGGCACTGT  
CCCTGGAACCTCTCAACCGGCAGGTGCTCAGCGCCCTGTACGGCTTTCGACCTATCTCCATGCACCTGCA  
ACAGGTCTCTCGCCGTGCGTTTCCAGGGTGATTGGAATCTGCAGCCCTGCCGAGATCATCTCCAAGCT  
GGAAGAGCCCACCCCTCGGTGCCAGCCAGCCGGGTGCGAGTCCCGCCGGCCCCACCGTGGTGCACATT  
GGTGGAGGCAAGGTTGAGGGGGGCTGTTTCTCGCTCCCCCTCCATGCCATCCCTGTGGACTCATGCC  
AGCTCTGTGCACCTCACCTGTCAAGACCCCGTGGAAATAGCTCTGTGTGTCAGGATGAAGGGCTG  
GCCAAGCCCTGCCTTGGTGGACCATGGTCCATTCCAGCACTTCCCTCAGGACCCGCTGCATGGCTAAGAG  
GGTCCCACCTAGGACTGGCTGGACCAAGGCCCTTGTCCACACCCCTTCCGATGCAGAGTAAGGATAACCCG  
CCTTGGTGGTCTAGAGTCCAGGGGCCGAAGCCCTGCCAATCTCGCCAGGAGGGGCCCGTCTCTCTGGGA  
CATGAGCCCCCGCAGCTGTGGGCGAGGCTCCTCTGAGACGGCCCGCATCCCCAGCCCTGCTGATGTGTA  
CTTGTGTGGTGTGCCAGTGGCACTTGGATTGTTCCACCGAGCGGCTTGCCTGTGCGAGTGGGCGTCTT  
CCCTGAGACGGAGGACGAGGACGAGCCACTTAGCTAGTTAGAGAGCTGCCTGGGAAATTGCTCCACTGCAGG  
GTAAATAGATATTTTCGCCCACCTAAAGGCAACCTAACAACAACCTCACCACCACCAAGACAAGACG  
GCGAAGATCCAGACAAGGATCCGGGTGCCAGCTCCCTTGGGGGAATGGGGCGATTAGCCAGGCTGCTTCTC  
TCCACGCTGGAACCGTGTGTGGGTTGATGAGATGATAAAGTCCCCATGGGGGCCAGCACCCGGGGAAAGCTAAT  
CTCTGGGGCTGGGTGTCACTCGGGCGGGCCATTTCACTCCCTCACCCTGGGTTTCTCATCTGTAAAT  
GGGGCCAACGCTGTGTGGGTTGATGAGATGATAAAGTCCCCATGGGGGCCAGCACCCGGGGAAAGCTAAT  
ACAGGGCGGTGTGCTCCACCCGAGAGAGAAAGCCTCGTCTGAACCTCCTCTCCGTGCCAGCGCTGCTGCT

CCATGGCACAGCTGGAACAGGCCCCACGCTTCCCGGGTCAGTCTCCACCTCCCCCCTCGGAGCTGCCTC  
 CCATGTGTCAGGCTGCTCTCTGACGGTTTCTGCAGAGAGAAACAGATGGGGCTGTGTTCCGCCAATTCAGCA  
 AAACCTCTGTGCAGCCTTTAGGAGAGAGAGGGGTGATGGATGGGCCTCCAGTCCCCCTTTACCCCCAGC  
 AGAGTCAGCTAAGCGGCTCCTTCTCCTTCTGTGAGCCACTTCATTACAGACAGGAACAAACGGGCCCCGA  
 CGCTCTGCACTCAGACCTTATATAAATCACGGCTTCCCGCGCCGTAAGTCATGGGGCGCAATGGCTGTGAA  
 ACGCCAGGCCCCGATAGAAGCTGGAGCGCAGGCCGGCCCTTCGTATCTTTATGGCCTCGGGTGACAGGT  
 GCAGGAGAGGCCGCTCCCCAGAAGGGGCGAGGCCCTTGAAGGTGTCTGGAGCATGCCAGCCTCTGGCCT  
 TGGTCTTCCAGCCCAAGCAGACCTTCCCTCTGATCATGCCCACTGCCGGCCCGGACTGGGGTCTTGGT  
 GAGCACAGAGCTCTGGGAGAGGATGTGAGGGTGACCCGCAAGCCTCGGGCAAGCCTGCCAGGCCACCG  
 CGCCCTTCCCTGTGGCCCCCTGCTATCACCTTGTTCGCCAATGCCAGGAGGCACCTGCCACATTCAG  
 TCTCGTCAACAGGGGAGCCGAGGTTCACAGAGGAGAAATGCCTTCCCCGGGCTCCCCCTCCAGAGGATTAG  
 TGGGAAATCACACCCAGTTCAGAACCTTCCGCCATCCACAGTGACAGTTCACACACACGCTTACTCACT  
 CTCCCGCCCTCAGCCTCTCCTCTCCTTCCCTGAGCAGCCTGTTGGGCTCTCCACAGAGGCCACCG  
 CTTGCTCCCTGCCCAACCCGTGCCCGGCTCTGACAACCCCCACCAATCATCACATTGGGTGTCAATG  
 ATATTAGCTGCCACAGTGTGCACACTGGTCTGTGCTAACACTCCCAATACACTACAACAT  
 >GBEQ0119 |Acc|D50326|Ver|D50326.1 GI:786170|Equus caballus mRNA for inhibin beta A  
 subunit, complete cds.  
 GGGGGGAGGAAAAGCAGGGCCTTTTAAAAAGGCAATCACAACTTTTGCTGCCAGGATGCCCTTGCT  
 TTGGCTGAGAGGATTTTTGTTGGCGAGTTGCTGGATTATAGTGAAGAGTTCCCCACCCAGGATCCGAG  
 GGGCACAGCGCAGCCCCCACTGCCCGTCTGTGCGCTGGCCACCCTCCCAAGGATGTACCCAATGCTC  
 AGCCGAGATGGTGGAGGCCGTCAAGAAGCACATTTTAAACATGCTGCACTTGAAGAAGAGACCCGATGT  
 CACCCAGCCTGTGCCAAGGCGGCGCTTCTGAACGCTATCAGAAAGCTTCATGTGGGCAAAGTGGGGGAG  
 AACGGGTATGTGGAGATAGAGGATGACATCGGCAGGAGGGCAGAAATGAATGAATTTATGGAGCAGACCT  
 CAGAGATCATCACGTTTCGCGGAATCAGGCACAGCCAGGAAGACGCTGCACCTTTGAGATTTCCAAAGAAGG  
 CAGTGACCTGTGCTGGTGGTGGAGCGTGCAGAAAGTCTGGCTCTTCTCCTCAAAGTCCCAAGGCCAACAGGACC  
 AGGTCCAAAGTCAACATCCGTCTCTTGCAGCAGCAGAAGCACCCGAGGGCAGCTCGGACACGAGGGGAGG  
 AGGCCGAGGAAGCGGACTTAATGGAGGAGAGGAGTGAACAGTTGATATCGGAGAAGGTGGTGGATGCTCG  
 GAAGAGCACCTGGCACATCTTCCCTGTCTCCAGCAGCATCCAGCGGTTGCTGGACCAGGGCAAGAGCTCC  
 CTGGATATTCGATTGCTGTGATCAGTGTGATGAGACCGGTGCCAGCCTTGTCTCCTGGGGAAGAAGA  
 AGAAGAAGGAAGAGGAGGGGGAGGGGAAGAAGAAGGACGGAGGAGAAGCAGGGGCAGGGGTTGACGAGGA  
 GAAGGAGCAGTCCACAGACCTTTCTCATGCTGCAGGCCAGGCAGTCTGAAGATCACCCCTCATCGCCGG  
 AGGCGGCGCGGCTGGAGTGTGACGGCAAGGTCAACATCTGCTGTAAGAAACAGTTCTTTGTTAGTTTCA  
 AGGACATTGGCTGGAATGACTGGATCATCGCTCCCTCTGGCTACCAAGCCAACTACTGCGAGGGTGAGTG  
 CCCAAGCCATATAGCAGGCACCTCGGGGTCTTCGCTGTCTTTCACTCGACGGTCATCAACCAATACCGC  
 TTGCGGGGTATATAACCCCTTCGCCAACCTCAAGTCGTGTGTGTGCCACCAAGCTGAGACCTATGTCCA  
 TGTGTACTATGATGATGGGCAAAACATCAAAAAGGACATTGAGAACATGATAGTGGAGGAGTGTGG  
 GTGCTCATAGATGCTGCTGGCCGGGGGGAAGGAGTGTGCTCAGAGAAGACAATGGCAAAATGAA  
 GAAATTTTTAAGATTTCTGAGTTAAGCAATCAGAAAAATATAAATTAAAAAAATAAATAAACTAAAGC  
 AAAACCTGA  
 >GBEQ0120 |Acc|AF148882|Ver|AF148882.1 GI:5020115|Equus caballus matrix metalloproteinase  
 1 precursor (MMP1) mRNA, complete cds.  
 AGGGAAGTAGGGAGCTATCAGACTGCTTTATCGGAGAAGGAAGACAGAGGCCAGCATGCTCAGCCTTCCT  
 CTGCTGCTGCTACTCTGGGGCATGGGCTCTCACAGCTTCCCAACAGTGCCTTCAGAAACACGAGAAG  
 AAGATGTGGAGATGGTCCAGAAATACCTGGAAAACCTACTACAACCTGAAGAGTGATGGAGAGCAAATTGA  
 AAAGCAGAGACACAGGAGCCAGTCGTTGAAAAGCTGAAGCAAATGCAGGAATTCTTTGGGCTGAAAGTG  
 ACTGGGAAGCCAGATGCTGAAACCCCTGAATGTGATGAAGCAGCCAGATGCGGGGTGCCTGATGTGGCTG  
 AGTTTGTCTCACCGAAGGGAACCCCTCGGTGGGAGAACACACACCTGACCTACAGGATTGAAAATTACAC  
 ACCAGATTTACCAAGAGCAGATGTGGACCAGGCCATTGAGAAAGCCTTTCAACTCTGGAGTAATGTCTCA  
 CCCCTGACCTTCACTAAAGTCTCTGAGGGTCAAGCGGACATAATGATATCCTTTGTGAGGGGAGATGCAC  
 GTGACAATTCTCCCTTTGATGGACCTGGAGGAAACCTCGCCATGCTTTTTCAGCCAGGCCCACGTATTGG  
 AGGGGATGCTCATTTTGTATGAAGATGAAACATGGACCAGCAATTCAGAAATTACAACCTTGTATCGAGTT  
 GCAGCTCATGAATTTGGCCATTCCCTTGGACTCTCTCATTTCTACTGATATTGGGGCTTTGATGTACCCCA  
 ACTACTTCTCACTGATGTTTCAGCTATCTCAGATGACATCAATGGCATCCAGGCCATCTATGGACC  
 TTCCCAAAATCCCATCCAGCCAATTGGCCCCACAAACCCCAAGAGTGTGTGATAGTAAGCTAACCTTTGAT  
 GCTATAACTACGATTGCGGGGAGAAGTGTGTTCTTTAAAGACAGGTTCTACATGCGCATAAATCCTTACT  
 ACCCAGAAGCTGAGCTCAATTTCAATTTCTATTTTCTGGCCCAACTGCCAAATGGACTTCAAGCTGCTTA  
 TGAGGTTTCCCATAGAGATGAAGTCCGGTTTTTCAAAGTAATAAGTACTGGGCTGTTAAGGGGCAGGAT



GTGCTCTACGGATACCCCAAGGACATCCACAGATCCTTCGGCTTTCTAGCACTGTGAAGAATATCGATG  
CTGCTGTTTTCTGAGGAAGATACTGGGAAAACGTACTTCTTTGTTGCTGACAAGTACTGGAGGTACGATGA  
ATATAAACGATCTATGGATGCAGGTTATCCCAAATGATAGCAGATGACTTTCCTGGAATTGGCGACAAA  
GTTGATGCTGTTTTTCAGAAAAGATGGATTTTTCTATTTCTTTTACGGAACAAGGCAATACAAATTTGATC  
CTAAACTAAGAGAATTTTGACTCTCCAGAAAGCCAATAGCTGGTTCAACTGCAGAAAAAATGACCATT  
ACAAAGTTGAACAGAAAAATATATTTTGAGAACCCAAGGAAGATGTTTTCTGAAGAGCCATACATTTAA  
ATAAAATACAGAGCTGTTACGTATAATCTTATTTATATCTCATTCTGCAAAATATTTTTTACAATTTAGAA  
TGCAATGTTTTCATGTACTGCTATAATTTACTTCCACCAATGAGGGTGAAGGAAGGTCAAGTTCTGATTTA  
CGGATTCATATGGGCCAATTTTGCAAAGAGAGAAGCTCTTTTCCAAAGTAGAAGACTCTGACATTGATAC  
TGGAGAGCAGCCTCAGAGATGGAGAGAAAGAAACAAGAGATACGAGTCTTACCAGAGGAAAAGCAGCTC  
AAGAACATCTGAGCTGCTAGTATTATCCTAATATGCAAGGGATAATTTTTGTTACGGAAAATAAAAT  
CTTTTATGTTTTGGAATAAAAAAAAAAAAAAAAAA

>GBEQ0121 |Acc|AF143950|Ver|AF143950.1 GI:4887177|Equus caballus heart-type fatty acid-binding protein (FABP3) mRNA, partial cds.

CCTGGAAGCTAGTGGACAGCAAGAATTTTCGATGACTACATGAAGTCAATCGGTGTGGGTTTTGCTACCAG  
GCAGGTAGCCAACATGACCAAGCCTACCACAATCATCGAAGTAAATGGGGACACTATCACCATAAAAAACA  
CACAGCACCTTCAAGAACACGAGATCAGCTTCAAGCTGGGGGTGGAGTTTGATGAGACAACAGCAGATG  
ACAGGAAGGTCAAGTCCCTTGTGACACTGGATGGAGGCAAACTTGTCATGTGCAGGAGTGGAAATGGGCA  
AGAGCAACACTCGTGGGAGCTAATTGATGGAAAACATCATCTGACACTCACCATGGCAGCGCAGTG  
AGCACTCGTACTTACGAGAAAGAGGCCTGACCTACTGGCTCCTTCACTGACTGCGCCTCTGCCAAGTGGC  
TGCCTGTGGACTCAGCACCAGATTGCCTCATTTTTTCTCTGGCATTGTTGATAAACCCAGCTTGGTTGG  
GGAAGTTCTTCTGGGCTCAGGGGGCACCAGCCTGGATCTAGTTCAGTTCCCATTGTGTATGTGTGTTTT  
TTAACTGCATGCAGATGTGCTCTGAAGTCAATAAAGCAGAGCTAAGACCAAAAAAAAAAAAAAAAAA

>GBEQ0122 |Acc|AF126744|Ver|AF126744.1 GI:4868160|Equus caballus 11 beta-hydroxysteroid dehydrogenase type 2 (11-HSD2) mRNA, complete cds.

ATGGAAGCTGGCCCTGGCCGTCGGGCGGCGCCTGGCTGCTCGTAGCGGCCCGTGGCTGCTGCAGCTGC  
TGCGCGCAGACCTGCGTCTGGGCGCCCGCTGCTGGCGACACTGGCGCTGCTGGCCGCGCTCGACTGGCT  
GTGCCAGCGCCTGCTGCCCCCGCCGGCCGCACTCGCCGTGCTGGCCGCGCCGGCTGGATCGCGTTGTCC  
CGCCTGGCGCGCTCGCCGCGCCTGCCGGTGGCCACTCGCGCGGTGCTCATCACCAGGCTGTGACTCTGGTT  
TTGGCAAGGAGACGGCCAAGAAGCTAGACGCCATGGGCTTACCCGTGCTGGCTACCGTGTGGAAATGGA  
TAGCCCTGGTGCCCTGGAGTTGCGTGCTGCTGTTCTCCTCGCCTAAGGCTACTGCAGATGGACCTGACC  
AAGCCGGCGGACATTAGCCGTGCACTGGAGTTCACAAAGACCCACACCACCAGCACAGGTCTGTGGGGCT  
TGGTCAACAATGCGGGCCACACGATGTAGTGGCTGATGTGGAGCTGTCTCCAGTGGCCACATTCGCGAG  
CTGCATGGAGGTGAACCTCTTTGGCGCGCTTGAGCTACCAAAGGCCCTCTTGCCATTGCTGCGCCGTTC  
AAGGCTCGCATGTGAGTGGGCGAGCCCGGACGACATGCCATATCCATGCTTGGCGGCCCTATGGGA  
CCTCCAAAGCCGCCATGGCACTGCTCATGGATACATTAGCTGTGAACCTCTGCCCCTGGGGAGTCAAGGT  
CAGCGTCATCCAGCCTGGCTGCTTCAAGACAGAGTCACTGCTAAACGTGGGCAATTGGGAGCGCGCAAG  
CAGCTGCTGCTGGCCAACCTGCCCCGAGAGCTGCTGCAGGCCTACGGTGAGGACTATATTGAGCACTTCC  
ATGGGCAGTTCTGCTATTCCTGCGCTTGGCGCTGCCAGACCTCAGCCAGTTGTAGATGCCATCACTGA  
TGCAGTCTGTCAGCTCAGCCACAACGCGCTATTACCCGGGCCATGGCATGGGACTCATGTACTTTCATC  
CACTACTACCTGCTGAGGGTCTGCGGCGCCGCTTCTACAGACCTTCTTCATTAGTCCCTGTCTGCCAA  
GAGCCCTGCGGCCTGGCCAGCCAGCCCTACCCCTCCCAAGATGCAGCCAGGACCCAGACTCAAGCCC  
AGGCACTTCCCCACGGCGGCCGATGAGCAATATGCACATATGGCCTAGCTGCTCCAGCAGAGGAGCTC  
CCATGAGCTCTTGACTCTCCTTAGACATTGTGACCCCCAGGTCTGCCTGGGGCTGGCCTAAAGGACTC  
CAGCCCCACCACTGCTGATGCCCCAGGTCAAGCCTGTTGAGGCTGAGGCTTCCAGTGAACAGCTAGCC  
TCTCTCTGCTGCTTATGAGCCGATAGACCCTCCTAGGCACAAGGCTCCACCCTGCAGCTTGAAGAACC  
CAGCTGAGTGGGGAGTTTGTGCAAGACTTAGCTTGTGACAGGATCCTGCCATAGTTTGCCTCTGCG  
AAACTAAGGAGTGAAGTGGGTGGGTGGGGACTCCCTGAGGATTATTTCTCGGTACCAAGTGCCTCACTGCT  
GCAATGCAAGGGTGAATCCCAGCTGTTTCTTACTGGCTCAAGAATTGGAGCCCCACCCACCCCAAGCC  
ACACAGAAGCTGAATACCCTACTTGTCTGTCACTTTTAAATAAAGATAAATTTTATTTCTCATTT

>GBEQ0123 |Acc|AB022431|Ver|AB022431.1 GI:4176391|Equus caballus mRNA for thioredoxin, complete cds.

GCTCCGTCGACTCTTTGGATCCGCTTCCATCGCTGTTTACGGTGCCTGCTCAGACTCCAGCAGCCAAAA  
TGGTGAAGCAGATCGAGAGCAAGTCTGCTTTTTCAGGAGGCTTGAACAGTGCAGGAGAAAAGCTCGTAGT  
CGTTGACTTCTCAGCCACGTGGTGTGGCCCTTGCAAAATGATCAAGCCTTTCTTTCATCTCCCTCTGAA  
AAGTACTCCAATGTGGTGTTCCTTGAAGTAGACGTGGATGACTGTGAGGATGTTGCTGCAGAGTGTGAAG  
TCAAATGCATGCCAACCTTCCAGTTTTTTAAAAGGGGCAAGAGGTGGATGAGTTTTCTGGAGCTAATAA

505



CTGCTGGAGATGCTGGATGCCACCGCCTGCACGCCCCAGCCAACCACGGGGGCGCACCCATGGAAGAGA  
CAAACCAAAGCCAGCTGGCCACGACTGGCTCAACTTACCGCATTCCATGCAAACATATTACATCACTGG  
GGAGGCAGAGGGTTTTCCCCAACACAATATGAGAGCTCCCTGGCTCCCCAAAGGTTCTGAGAATCCCTGCC  
ACATTTTACCCACGTCATGCATCACTCTAGCAGAATTCTGCTCTTGACACACTCCAGCATGCATCCACC  
ACTATGGCTTTCTAATATGAGTGGCCATTCAATTTGCTTGCTCAGTTCTTAGTGGCACGCCTTCTTTTGGG  
AACAGCCAGAGGGATTCCAGGGCTAAATTTTGCACAGCTTTCTTTCTCTCTTTGCTATATTACTAAG  
CATGAGGATTCCTATAGCTTTTTCATGACTGAACCTCAGTCTGTGAGCTGGGGCTCAGAGGACTCTGTGCAT  
TTAAGCTACCAGCTGAGACCCAGACCTGTAGAGTGGGCATTTTGCCTCTGTGAAGCACTTTTTAATGAAT  
CTAAGAATAAGCCACAGGAAAGAAATGAAAGTGGCTCCTTCAGTTGCTGACTTGGAGAAAGCTAGGTCAA  
AGGTTTCATTATAGCATCCTCTTGTATTCCTATAGAAATATATCATTTTATTAAAGTAATACGTTAAAGCT  
TTTGCTCTATTCATGGCTGTAAAGAAATATCCAGCAATTGTCTATTCAATTTCCCTATAGGAATACAAAG  
ATGCACAAAGGGAAGGAAGATTCCCTAATTGTCAAGAGTTTGTCAACTTAATACACTGAACCTTTATGTT  
TGCTGAATGTTCTTCCGTTGGCTTTTGTGAGCACTAAGTACGGGTTCATGGGTTCAGTTAATTTCTTGCTT  
CCCATGAACCTATGAAAACAGCTGTTGACCCCAAGTTATGTCACCTCCACATAGACCAGTGTCCCTGTGAG  
GGATAAATTTCTGTTTTTTTTTATTTTATAAAAGAAAGCCCCCAGGACTTGGCAGTGAATCAGCTTT  
TGGACCGGTTCTGGTGTGGTCTCACACTTGTGAGCAGAGGGCGCTCTACTTGAATCTTCTAGCGTGTAA  
CTTACACAGGAGGTGGAGAGCCATGTGAGTGGCCAGCTAGGACCAAGGGTAGTTAAATGAGCAGGCA  
CCCTGGTGACACTTTTAGGGCTAAATGGCAAATGTGCATGACTATTGTAGGTACTAGAGAACAAGGAGGA  
AAGCAGGGTAGAAACTGGACAAAACCTGTGAGGCTCAGGGTGGCCCTGCCACAGGCTGCGTCTACCAAGGGA  
GGGCTCCTGGCAGACCCCTATTGCACCTGCGGGGCTGCCCTGGGATGCACGGAGCAGTTCTCCTCTTCAT  
TTCCTGGCATGGCCCTGATTGGAAGCCGAGCAGACAGCTGCGGCCAGCGCAGTGTGGGGCCAGGGATG  
AGGGAGAGCTTAAGAGCATTCCCTATCAGGCTGCCTGGGTTCATGCCCTTGGTTGTTTCAAGCTCATCTAA  
AAATCAGGGTTTGGCCCTGGGAAAAAAAATAACAACCTCCCCCAGAGCTCAATTTCTCTAAACCTTATA  
AGCCACGCTAGCGAGACTAGCTTTAGGCCACAGGAATCCTTTGACCTATAGGCTAAAAAGGAAGGCCTCA  
CTCCAGTCCCAGGCAGCCTTCCCTGGGCCAAAGAAAGTTTCTCTCTGGTGACCTCATTATCTATA  
ATTTGAACCCAACTGAGAGGTGATGTGTTAGCCAACAACCCAGCCAAGCTGCTAGGGCTTCTCTTGGGAT  
GTCAGTTTTCAAAAAGTAGATCTCATTTCTGATTGGCCAGTAAGTGGTCACCAAAGGACTGGGAACC  
TGGGAGGGCAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBE0126 |Acc|AF053497|Ver|AF053497.1 GI:3033532|Equus caballus melanoma growth  
stimulatory activity homolog (MGSA) mRNA, partial cds.  
GTGCAGGGGATTCACTCAAGAACATCCAGAGCGTGAAGGTGACGCCGGCGGGCTCCCACTGCGCCCAA  
CCGAAGTCATAGCCACTCTCAAGAATGGACAGGAACTTGTCTCAATCCTGAAGCCCCATGGTTAAGAA  
AATGATCGAAAAGATGCTAAAGAAGGGCAGCGCAACTAACCTGGAGAAAAGGAGGAAGTGTACTGGTTG  
CTGTTGGCAGCCTTAAAGAAGAAGAAACAAATAGTTCTCGGGTACCTGGACTGTGTTAATGTGTGTG  
TTCTAATGAGATGTTCTTATTTTATTTACATAAGTTTAAATTTATTTATTTTCCCAAGCTTGTATAT  
AAACATTCTTAATATTTCAAAGATTTGAATGTTTGTGTTCACTGTACTGTGTGAAAAGGTTATTTTCA  
ACGTTAAATCAAAGTTAGTTCACTCCTGACTATTAATATGCAGATCATGCATTTTAAATGTTGAAGAACA  
TTTATTAACTAATATTTTGGGGGAGGGTTTGGGGGGGAGACCACACTATATGTGCACTGTGATAAAGG  
CTGGGGATAAATAATGGGAGAGATCCAAGTAAATAGATCACTGTTCAAGGTAGGGGAATGTATGTGTATAT  
CTATTTTGTACTGTTGAGAAGAATGTCAGTTGTTATTTATTGTAGCAATTTCACTATGTGGTCAACATG  
TCTGATGTTGAAGCTATAAAATCTACGACGTTCTA  
>GBE0127 |Acc|AJ010930|Ver|AJ010930.1 GI:3581958|Equus Caballus mRNA for lactoferrin,  
partial.  
CTTGGACTGTGCTGGCTGCCCTAGGAAAAGCGTTGATGGTGCACCATATCACCAGCAGAGGCAGCAA  
AATGCGCCAAATTCCAAAGGAATATGAAAAAGTGAGAGGCCCTCTGTCTCCTGCATAAGGAAAACCTC  
CAGCTTTGAGTGCATCCAGGCCATTGCGGCAAAACAGGCAGATGCTGTGACCCTCGATGGCGGTTTGGTG  
TATGAGGCAGGCTTGCACCCCTACAAACTGCGAAGCTGTGCGCAGCGAGGTCTACCAAGCAGAGGGAAGC  
CACAAACCCGCTATTATGCTGTGGCCGTAGTGAAGAAGGGCAGCGGCTTTCAGCTGAACCAACTGCAGGG  
CGTGAAGTCCTGCCACACAGGCCTTGGCAGTCCGCTGGGTGGAACATCCCTATTGGGACACTTCGTCCA  
TACTTGAACCTGGACAGGGCCACCTGAGCCCTTCAGAAAGCTGTGGCCAACCTTCTTCTGCCAGCTGTG  
TTCCCTGCGCAGGTTGCGAAAACAGTACCCCAACCTGTGTGCGCTGTGTGCGGGGACAGAGGCAGATAAATG  
TGCTGCTCCTCCCAGGAACCATACTTTGGCTACTCTGGTGCCTTCAAGTGTCTGGAAAATGGGGCTGGA  
GACGTGGCTTTTGTCAAGGATAGTACAGTATTTGAGAACCTGCCAGATGAGGCTGACAGGGATAAGTATG  
AGCTGCTCTGCCAGACAATACTCGGAAGCCAGTGGATGCATTCAAGGAGTGCCACCTGGCCCGGGTTCC  
TTCTGCTGCTGTTGTGGCCGGAAGTGTGATGGCAGGGAAGACCTGATCTGGAGGCTCCTCCACCGGCA  
CAGGAGGAGTTTGAAGAACAAGTCATCGGCGTTCCAGCTCTTTAAGTCCACTCCTGAGAACAAAGGACC  
TGCTGTTCAAAGACTCTGCCCTGGGTTTTGTGAGGATCCCCTCACAGATAGATTCTGGGCTGTACCTCGG

TGCCAACTACCTCACTGCCACCCAGAACCTGCGGGAAACGGCCGCGGAAGTGGCGGGCGGGCGGAGCGG  
GTTGTATGGTGCGCCGTGGGCCCCGAGGAGGAGCGCAAGTGCAAGCAGTGGAGCGACGTGAGCAACCGGA  
AAGTGGCCTGCGCCTCGGCGTCCACCACCGAGGAGTGTCATCGCCCTGGTCTGAAAGGAGAAGCGGATGC  
GCTGAACTTGGATGGAGGATTTATCTACGTTGCGGGCAAGTGTGGTTTGGTGCCTGTCTGGCAGAGAAC  
CAAAAATCCCAGAACAGCAATGCCCCAGATTGTGTGCACAGACCACCAGAAGGGTATCTGGCAGTGGCGG  
TTGTGAGGAAATCAGATGCTGACCTCACTTGGAAATTCGCTGAGTGGCAAGAAGTCTGCCATACCGCGCT  
GGGCAGGACCGCAGCTTGGAAACATCCCCATGGGCGCTGCTCTTCAACCAGACAGGCTCCTGCAAGTTTGAT  
AAATTCCTTTAGTCAAAGCTGTGCCCTGGAGCTGACCCACAATCCAGTCTCTGTGCACTATGTGTGGCA  
ACAACGAGAATGAGAACAAGTGCATGCCAACAGCGAGGAGAGATACTATGGCTACACTGGGGCTTTTCAG  
GTGCTGGCTGAGAAGGCTGGAGACGTTGCATTTGTGAAAGATGTCACTGTCTGCAGAACACAGATGGA  
AAGAACAGTGAACCGTGGGCTAAGGATTTGAAGCAGGAGGACTTTGAGCTACTGTGCCTTGATGGCAGG  
GGAAGCCTGTGGCTGAGGCTGAGAGCTGCCACCTGGCCAGGGCCCCAAATCATGCTGTGGTATCTCAGAG  
TGATAGGGCACAACACCTGAAAAGGTGCTGTTCCCTCCAACAGGATCAGTTTGGAGGAAATGGACCTGAC  
TGCCCGGGCAAGTTTTGCTTATTTCAAGTCTGAAACCAAAACCTTCTGTTCAACGACAACACTGAGTCT  
TGGCTGAACTCCAAGGCAAAACAACATATGAGCAATATTTGGGATCAGAGTATGTACGTCCTATCACTAA  
TCTGAGACGCTGCTCGAGCTCCCCGCTTCTGGAAGCCTGCGCCTTCTGAGGGCATAAAGTCAGAGAAGA  
CGGCCCCGTGTCCCTGGGGGAGCCTCAGCCCCCTCGCCGCTCCCAGCCCTCAGCCCCCTCCTGAGAGTGTAT  
GCTCGCCAGACTCATCTGCTTTACAGTTTCCGCTGTCTTAGCAAGAAATAAATTAG  
>GBEQ0128 |Acc|U70823|Ver|U70823.1 GI:1575777|Equus caballus Equ c1 mRNA, complete cds.  
GGACCATCAGGGAAAGACTCACTCCCGGTGACTATAGAGGAGTCAGTGTCTGCCCGGCCAGGATGAAGC  
TGCTGTTGCTGTCTGCTGGGGCTGATCTTGTCTGTGCCAGCAGGAAGAAAACAGTGTGTTGCGATAAG  
AAACTTCGATATTTCAAAGATTTTCAGGAGAGTGGTATTCATTTTCTTGGCTTCAGACGTCAAGGAAAAG  
ATAGAAGAAAATGGTAGCATGAGGGTTTTGTGGACGTCATCCGTGCCTTGGACAACCTTCTCTGTATG  
CTGAATATCAGACAAAGGTAAATGGAGAGTGTACTGAATTTCCATATGGTTTTTGACAAAACAGAAGAGGA  
TGGTGTATATAGTCTGAACTATGATGGATACAATGTATTTCCGATAAGTGAATTTGAAAATGATGAACAT  
ATTATTCCTTTATCTCGTGAATTTTCGACAAGGACAGACCATTCCTCAACTGTTTGAAGTTCTATGCCCGAGA  
CAGATGTGAGTCCAGAAATCAAGGAAGAGTTTGTGAAAATTGTCCAAAACAGGGAATTTGTTAAGGAAAA  
CATAATTGACCTGACCAAAATCGATCGCTGTTTCCAGCTCCGAGGGAAACGGAGTGGCCAGGCTTAGAGC  
TGAGTGACAGTGAATACTTCCCTACCTGGGCTCCAGGATCTTCCCTCCGTGATCCCCATGACATCTTGTG  
ACAAGTTCTGTGACCTGATTTCCATCACTATCGCATGTGAAGGCATTATCTCTGCATCCTCCAGATCTTC  
CCTAATTGCTTAGGAAGACTCCTCAACTCACCAGAATCAAGGTTTTACCCAAATTTCCCACTCTTTTTG  
CCATGCCCAGAACTTGACCATGCTGAGACCTTCTTCTACCTGATCAATAAATGATTAGCCTTGCAGTCA  
>GBEQ0129 |Acc|U21208|Ver|U21208.1 GI:706955|Equus caballus equine retinol binding  
protein precursor mRNA, complete cds.  
GAAGGGTCCAATCTGGCAGCGCGGGCGCGGGCACTAGCGCACAAAGGCAGCATCGGAGGTCTTCCCGCC  
AGGCCGACTGGAGCCTCCAGCCAGAGCAACTGGGCCCCGTGGCCACCCAGGCCGCGAGTGGCGCCGGCT  
GGCAGCAGCGGTGGGCTGACTAGGCCAGGACTTGTTCGCGGGTTCGCTCGCCGCTGGAGAGTTTGGCTCCG  
CCGAGGGCCACCCCGCGCGGCGAGCTCCACCAGCCCCAGACGGCACTGGAGGGCGAATCCTGGCAAGATGGA  
GTGGGTGTGGGCGCTCGTGGTGTGGGCGCGCTGGGTAGCGCGGGCGCAGAGCGTGACTGCCGGGTGAGC  
AGCTTCCGAGTCAAGGAGAACTTCGACAAGGCTCGCTTCTCCGGGACCTGGTACGCCATGGCCAAGAAGG  
ACCCCGAGGGCCTCTTCTGCAAGGACAATATCGTCTGCTGAGTTCTCCGTGGACGAGTATGGCCAGATGAG  
CGCCACGGCCAAGGGCCGAGTTCGTCTTTGAATACTGGGACGTGTGCGCAGACATGGTGGGCACCTTC  
ACAGACACGGAGGACCTGCCAAGTTCAAGATGAGTACTGGGCGTAGCGTCTTCTCCAGAAAGGAA  
ACGATGACCACTGGATCATCGACACGGACTATGACACCTATGCCGTGCACTACTCCTGCCGCTCCTAAA  
CCTCGATGGCACCCTGTGCTGACAGCTACTCCTTCGTGTTTGGCCGCGACCCGAACGGCTTTCCCCAGAA  
GTGCAGAGAATCGTGAGGCGGAGGAGGAGCTGTGCCTGGCCAGGCAGTACAGGCTGATCTCTCACA  
ACGTTATGTTGATGGTAAATCAGACAGAAACCTTTGTAGCAACATCGAGGATGTCAAGTTTCATTTGA  
AACTTCCCACTAACTCTTACTCAGCCTTCAACTCTATTTATCTTAGTTTGGCCCTCTCTTCTCC  
CCTTCCCTAGGTAACATAAAACCTTCAGTCACATAAAATGTATGTGGGAATAAGTGAATCTATTTGCC  
CTCGGATGTATGCTTTTACTGAGTTTTCTAAGGGACCTTTTGAAGCTTAGGGTTCCAGACTTTGATTTA  
TTAAATGCCCGT  
>GBEQ0130 |Acc|U92482|Ver|U92482.1 GI:3211710|Equus caballus interleukin-1 receptor  
antagonist (EqIL-1RA) mRNA, complete cds.  
TTGTGGCCACAGGATGGAATCCGAGGCGTTCTGTGACAGACCTAATCTCTCTCCTCTTTCTTGCTC  
TACTCAGAGACAGCCTGCCACCTTTGGGGAAGAGACCTGCAAGATGCAAGCCTTCAGAACTCTGGGATG  
TTAACCAGAAGACCTTCTACATGAGGAATAACCAACTAGTTGCTGGATACTTGCAAGAATCAATACTAA  
ATTACAAGAGAAGATAGATGTGGTGGCCATTGAGCCTGATGCTCTATTCTGGGACTCCATGGGAGGAAG

CTGTGCCTGGCCTGTGTCAAGTCTGGTGATGAGATTAGGTTCCAATTGGAGGCAGTTAACATCACTGACC  
 TGAGCAAGAACAAGGAGGAGAACAAGCGCTTCACCTTCATCCGCTCAAACAGTGGCCCCACCACCAGCTT  
 CGAGTCTGCCCGCTGCCCTGGCTGGTTCTCTGCACGGCGCAGGAGGCAGACCGGCCCGTCAGCCTCACC  
 AACAAGCCCAAGAGTCTTTCATGGTCACCAAGTTCTACCTCCAGGAGGACCAGTAGAACTGCCCGTAGC  
 TCCGCTTCCCTTATTTCCAGCATGTGATGCATCCAGAGACTGCCTCTCCACCCAGGGTCTCCTGGGGC  
 TCTGAGGAGCAGCCTTGGCAGGGTGGGCCCTCAGAAGGAGGTACACGAGCCCTCGTAACAGGACTCTGTC  
 TCCAGCCTCCTCAGCTATCCACCTCCATGCTGCTTCCACCATGGTCCTTTCTAAAGTGCAGCTCAAACC  
 ACGGCCCTACTTAAAGCCCTTCAGTGTCTGTACCTTCAGGATAAAATCCGGGCCACCTGGCCAGCCT  
 GGATGCCTTCTGCTCTCGTCTGTCAAGTGTTCGTTGTCCCTCACCCCACTGTCCCTGCCCGAGATCCCTC  
 AGGCCACTCACTGGCCCCCACCATGGCTCTCATACCTTGTTTTGGAATCTGATGCTGTTCTGTAGGGA  
 AGACTTTTAGAGTCTGTGGCAAAATGAAAATAAGAATTCATGAAACTTTCTAAAGCCAGCTTTATCCA  
 ATTTGAAGGAGAGTCCCTTTATTTGGAGATTATTTCCCTTTTGCAAAGGGGTGGGGATCAAAATATTCCTG  
 TGTGTGAAGTGATAGTGAAGGAGGTTCCCTTTAGTGTCCATTCTTGTGTAATACCTAACC  
 GGTAAAAATGAACAGTGTGATGTTGTTGTCCTTATTTCTTTTGTGAAACGTTTCTGTAAGT  
 CTGGACCCACTGCCCGGCCCTGAGCACCACTCCATTGCAGACCTTTCACAGCTGCCACAGTGCTTTCC  
 CCTCCCATCAAAGGTTCCCTGCTCCACGGCACAGAACAAATGTGGCTCCTCAAGGCCTTTCTGATC  
 TCCCGGGAGGAATGAATCGCTCCTTGACCATTTTAGCACTTCTGACGCTCTGAACTTGTGTAAGGTC  
 GTTATGCCTCTGCTGCTCCTGCCCAAACCTGTGAGCTCCTGGAAGCAGGGACATGACTGGCATGTCTC  
 TCAGCTTCCCCCAGGGCCAAGCACATGGCCTGTTTTACAATAAAACCTTGAAATTCAAAAA

>GBEQ0131 |Acc|U92481|Ver|U92481.1 GI:3211708|Equus caballus interleukin-1 beta mRNA,  
 complete cds.

CGCCACTCCAGGATTCTGTTCTCTCCAGCCAGTCTTCAGTGCTCAGGTTTCTGAGGCAGCCATGGCAGCA  
 GTACCCGACACCAGTGACATGATGACTTACTGCAGCGGCAATGAGAATGACCTGTTCTTTGAGGAGGATG  
 GCCAAAACAGATGAAGGGCAGCTTCCAAGACCTGGACCTCAGCTCCATGGGCAATGGGGGCATCCAGCT  
 TCAATTTCTCCCACTTACAAACAGACTTTCAAGCATGTCGTGTCAATCATTTGTGGCTATGGAGAAG  
 CTGAAGAAGATACCGTTCCCTGCTCACAGGCCTTCCAGGATGATGACTTGAGGAGCCTCTTTTCTGTCA  
 TCTTTGAAGAAGAACCCATCATCTGTGACAACCTGGGATGATGATTATGTGTGTGATGCAGCTGTGCATTC  
 AGTGAATGCGAGACTCCGGGACATATACCATAAATCCCTGGTGTGTCCGGTGCAATGTGAGCTGCAGGCT  
 GTCCACCTCAACGGAGAGAATACAAACCAAGTGGTGTCTGTCATGAGCTTTGTGCAAGGAGAAGAAG  
 AGACTGACAAGATACCTGTGGCCTTGGGCCTCAAGGAAAAGAACCTGTACCTGTCTTGTGGGATGAAAGA  
 TGGGAAGCCCACCCTACAGCTGGAGACAGTAGACCCCAATACTTACCCAAAGAGGAAAATGAAAAGCGA  
 TTTGTCTTCAACAAGATGGAATCAAGGGCAACGTGGAATTTGAGTCTGCAATGTACCCCACTGGTACA  
 TTAGCACCTCTCAAGCAGAAAAAAGCCTGTCTTCTAGGAAATACAGAGGCGGCCGGGACATACTGA  
 CTTTCATCATGGAATCACCTCTGCCTAAGAATACTACATCCAGAGAGTCCACGTGTGATGAATACAGCTT  
 AAGGGTGGCAGAGGGGAATAGAAGGTTTGAACATGCTGCAGGCTGCACTTCACTGTTGTCTAATCAATG  
 CCCAGCTGCCCTCCCTATATTAGTGCTAAGGAGAGCTCCTGCCAGCAGGCGGGTGGAGCAGCCCCGTTT  
 CCCAGAGCCCAATCCTCAGACCCCTCTGCTGAGCAGGGCCCTCTCACCTCTGCTACTCACTCAAAGTCA  
 CCTGGTGGAACTTCTGCACTTCACTTCAAAGAAACCTCTGTGCTTTCACCCAGCTTCTGATGAGCAA  
 CTGCTTAATTAATTTATTTATTTATTTATTTGGTGGGTTAGTCTATTTAATTTAATTCAGGTTGGCCAGGAA  
 GCAGCACTGTCTGTAATGAGCCCAATCTTCAACATCTATGGAACCAAGTTTAAATTTGGACTAGTGTACCA  
 TGTTTATACCAAGTCTTTTACCAGCCTGAAAATATGTCAGCTCAGATTATTTAAATAGGAATATTTAT  
 GAGGAAAGAAGCATGATCACAACTGTTTCAATGATTTCTGAAATAAATTTTGCAGAAAAA

>GBEQ0132 |Acc|U92480|Ver|U92480.1 GI:3211706|Equus caballus interleukin-1 alpha mRNA,  
 complete cds.

GTCATTTCACTGGCACTTGAGTCGGCAAAGAAATCAAGATGGCGAAAGTCCCTGACCTCTTTGAAGACCT  
 GAAGAAGTGTACAGTGAAATGAAGACTACAGTTCTGAAATTGACCATCTCTCTGACTCAGAAATCC  
 TTCTATGATGCAAGCTATGACCACTTCTGAGGACTGCATGGATACATTTATGTCCTGAGCACCTCTG  
 AAACCTCTAAGCATCAAGCTCAAGCTTCAAGGACGCGTGGTGTGCTGGTGGCAGCCAACGGGAAGACTT  
 GAAGAAGAGACGGTTGAGTTTAAATCAGTTCATACCAATGATGACCTGGAAGCCATTGCCAATGATCCA  
 GAAGAAGGAATCATCAAGCCCCGATCAGTACATTACAACCTCCAGAGCAATACAAAATACAACCTTTATGA  
 GGATCGTCAACCACAGTGTACTCTGAATGATGCCCTCAATCAAAGTGTAAATTCGAGACACATCAGTTCA  
 ATATCTTGCGACTGCTGCATTAAATAATCTGGACGACGAGTGAATTTGACATGGGTGCTTATACATCA  
 GAAGAGGATTCTCAACTTCTGTGACTCTAAGAATCTCAAAAACCTGACTGTTTGTGAGTGCCCCAAATG  
 AAGATGAACCCCTACTGCTAAAGGAGATGCCTGACACACCCAAAACCTATCAAAGATGAGACCAACCTCCT  
 CTTCTTCTGGGAACGTACGGCTCTAAGAACTACTTCAAATCGGTTGCCCATCCAAAGTTGTTTATTGCC

ACAAAGCAGGGAAAACTGGTGCACATGGCAAGGGGGCAACCCCTCTATCACTGACTTTTCAGATATTGGACA  
 ACCAGTTTTGACTCTGGAGTCTACTCACTTGTGAAGTGTGACAGTCTGTATGTACCATGTACATGAAGG  
 AGTCGAATCCTTTACTCTCAGTCACTTGCTGAGCATGTGCTGAGCCTCTGTAATTCTAAATGAATGTTA  
 CTCTCTTTGTAAGAGAGGGGAGCAAGGTCTAGTGAACCAACATTAACATATAATGTTGTCTGTTATTAA  
 AGAACACCCCTATACTTTGCAAAGTACCAATCATTTTAATTATTACTCTTCATAACAATCTTGGGAGGACC  
 ATGGCTACTAAAAAGACTTTACCCATATTACAGATGGATTAACCTAAGGCATGAGAAAACTAAGAAATACC  
 CACAATAGCAGCTGGAATGAGAAGCCATAGACCCAGGATTTTCATTTCAACTGCTTCAACTTCTGCTTTT  
 CATTGCTTGATGGACCCTTAATCAAATACTGAAAGTTTTGGGGACTTCAGTTAGATCATCTTCAAAACAG  
 AGGAAATATACCTATAACCCCTTCTGCTCAACAATATTTTGTGCCAACCATGAGATCATTTTAGTAAA  
 ACGCTTCTTAAAGTTGAGCCTCAAGAAGAAGGCAAGCATGAAATATTAAGTTATTATTTATATATTTAT  
 ATATATATTTATAAGTATATGTTAAAGATAATTATATTATATTTATGGCAGTCCTTGTAATCTCTG  
 AGTGTGACCAGGCATTATCAATCGCAGTAGACAGTGTTCAGGCTGAGTGAGTTGAGTGAGTTACAC  
 TAAGGCACCTTTGGTCCCAGTTGTACTTTTCCATTGCCATGAAGCTCTGTATTCTAGTACCTGAGAGCCCA  
 GTAATTATGATAGTAAATTTACATTAATTAATAAAAAAAAAAAAAAAAAAAAAA

>GBEQ0133 |Acc|L49414|Ver|L49414.1 GI:1477385|Equus caballus IgM constant region mRNA,  
 3' end.

GAGAGTACGAAGACCCAGATCTCTTCCCCCTCGTCTCTGTTGGGCCCCCTCTTGTATGAGAGCCTGGTGG  
 CTGTGGGCTGCCTAGCCGGGACTTCCCTACCCACGTCATCACCTTCTCCTTGGAACTACCAGAACAAACA  
 CTGTAGTCAGTATCCAGGACATCATGAATCCCGTCGGTCTGAGAGAGGGCAAGTACTCGGCCAGTCC  
 CAGGTGCTCCTGCCCTCCGGGGACGTCCCCCTGGTATGCACTGTCAACCACTCCAACGGCAACGAGAAAG  
 TGGAAAGTGAGGCCCCAAGTACTCATCAAGACGAGTCCCCAAATGTGACCGTCTTCATCCCGCCACGCGA  
 TGCCTTCACCGGCCCTGGCCAGCGCACATCCAGGCTCGTCTGCCAGGCCACGGGCTTCAGCCCCAAGGAG  
 ATCTCTGTCTCCTGGCTGCTGATGGAAAACCCGTTGGAGTTCAGGCTTCACTACGGAAGAGGTGTCAGCCCC  
 AGAACAAAGAGTCTTGCCCGGTGACCTACAAAGTCACCAGCATGCTGACCATCACCGAGAGCGACTGGCT  
 CAACCAGAAAGGTGTTTCACTTGCCTATGTGGAACACACAGGCGGGTCTTCCAGAAGAAGTGTCTGCTCCATG  
 TGCAGCCCCATTACCAAGTCCCCCATCCAAATCTTCGCCATCCCTCCCTCCTTGTCTGGCATCTTCTCTCA  
 CCAAGTCGGCCAAGCTGTCTGCCAAGTCAAAAACCTGGGCACCTATGACAGCCTGAGTATCTCCTGGAC  
 CCGCCAGAAATGGTGAGATTCTGAAAACCCACACCAACATCTCTGAGAGCCACCCCAACGGCACCTTCAGC  
 GCCCTGGGCGAGGCCCCACCATCTGCGTGGAAGACTGGGAGTGGGGCGACGACTACATATGCACGGTGACCC  
 ACACAGACCTGCCCTTCCCGCTGAAGCAGGTCACTCCAGGCCCCGACGAGTTGGCAAGCACCCGCCCTC  
 CGTCTACCTGTCTGCCACCAACCGGGAGCAGCTGAGTCTGCGGGAGTCCGCTCCATCACCTGTCTGGTG  
 AAGGGGTTCTCACCCCCCGGACGTGTCCGTGCACTGGCTTCAAGAGGGGCAACCCCTGTCCCCGACA  
 AGTATGTGACCAAGCGCCCCGATGCTTGACCCAGCCCCAGGCTTTGTACTTCGTCCACAGCATCTTGAC  
 CGTGAGCGAGGAGGACTGGAGCTCTGGGGAGACATACCTGCGTCTGGGCCATGAGGCCCTGCCCCAC  
 GTGGTGACCGAGAGACCGTGGACAAGTCCACTGTAAACCCACCTGTACAACGTGTCCCTGTCATGT  
 CTGACATGGCCAGCACCTGTACTGACCTGGTCCACCCTGCGCAGGGGTACCTGGAGTCTCTGGGGGACC  
 CATCGCTCTGTGTGTGCATGCATGCAGACTAACCAAGTCAATGGGGTGAGGAGTAGCATTTTATCTCGAG  
 CC

>GBEQ0134 |Acc|AF083065|Ver|AF083065.1 GI:3493134|Equus caballus calyculin (CACY) mRNA,  
 complete cds.

CCGCTCCGCTCTGCGCTTCGCTGCGGCCCCGGCTCTGAGTCCAGCCTTCAGCCATGGCGTGCCCCCTGGAT  
 CAGGCCATCAGCCTCCTCGTGGCTATCTTCCACAAGTACTCCAGCAGGGAGGGCGACAAGAACACCTTGA  
 GCAAGGGTGAGCTGAAGGAGCTGATCCAGAAGGAGCTCACCATTGGCGCTGAGCTGGAGGACTCGGAAAT  
 TGCAAGCTGTTGGATGACCTGGACCAGAACAAGGACCAGGTGGTGAATTCAGGAATATGTCACCTTC  
 CTTGGGGCTTTGGCTATGATATACAATGAAGTCTCAAGGCCTGCAGTTAAGTTGGCAAGGTGGAGACAC  
 ACTCTAGTGGGCTTGTCTGAGTCAAATCCAGTGGTTGTAATTGTACAATAAATATTCTTTTTGGTCGAA  
 TCT

>GBEQ0135 |Acc|Y09440|Ver|Y09440.1 GI:3445273|Equus caballus mRNA for preprogastrin.

CCATCCGCAGCTTCTCCACGTCCTCTGTCAGACAAGATGCGGCGACTGTGTGTGTATGTGCTGATC  
 TTGCGCTGGCTCTGGCCGCTTCTCCGAAGCTTCTTGAAGCCCTGCTCCAGCTGCAGGACGCACCCCT  
 CAGGTCCAGGGGCCAATAAGGGCCTGTACCCGCAATTGGCCAGACCAGCTGGACAGGCTGGGCCAGCCTC  
 TCATCACCGAAGGCAGCTGGGGCTCCAGGGTTCCTCCACACTTGGTAGCAGACCTGTCCAAGAAGCAAGGG  
 CCATGGCTGGAAAAAGAAGAGCAGCCTACGGATGGATGGACTTTGGCCGCGCAGCGCTGAGGAAGGGG  
 ATCAAAGTCCTTAGAAAAAGCTTGGGAGCCAGCCGGCTCCACCCAGCCAGCCCTGCCCTGTGAAAAA  
 CCAACCAAAATAAACTAGCTTCGGATGGATG

>GBEQ0136 |Acc|AF019072|Ver|AF019072.1 GI:3299893|Equus caballus endothelin-B receptor  
 (EDNRB) mRNA, complete cds.

GCGCGTTCCAGGGAAGAAAGTCCCCGCTCGTCTGCGCCTGGTGGCTCGGATCCGCGGAGAGTCTGA  
AAGCTGCGGAGCGGCCACCTGACGCTCACTGGAGCAGGCAGCAGCATGCAGCCTCTGCCAACCCCTGTGTG  
GACGCGTTCTGGTGGCGCTGATCCTTGCCTGCGGCGTGGCAGGGGTCCAGGGAGAAGAGAGGAGATCCC  
GCCGGCCAGGGCCACTCCGCCACTTCTGGGGTTTTGAAGAGATAATGACGCCCCGACTAAGACTTCTCTGG  
CCGACGGGGTCCAACGCCAGCGTGCCGCGGTTATCAGCACCTCCGCAATGCCTAAAGCAGGGAGGACGG  
CGGGAGCCAGCGACGACCCCTCCCTCCTCCCCGTGCGAAAGAACCATCGAGATCAAGGAGACTTTCAA  
GTACATCAACACAGTAGTGTCTGCCTAGTGTTCGTGCTGGGCATCATCGGAAACTCCACACTGCTGAGA  
ATCATTTACAAGAACAAGTGCATGCGGAACGGCCCTAATATCTTGATCGCCAGCCTGGCTCTGGGAGACT  
TGCTGCACATCATATTGACATCCCCATCAATGTCTACAAGCTGCTGGCGGAGGACTGGCCCTTTGGAGT  
CGAGATGTGTAAGCTGGTGCCTTTCATACAGAAGGCCTCCGTGGGCATCACTGTGCTGAGTCTGTGTGCT  
CTAAGTATTGACAGATATCGAGCTGTTGCTTCTTGGAGTCAATTAAAGGAATCGGGGTTCCAAATGGA  
CAGCAGTAGAAATTGTTTTAATTGGGTGGTCTCTGTGTTCTGGCTGTCCCTGAAGCCGTGGGTTTTGA  
TATGATTACCGCTGACTACAAAGGAAGTTATCTGCGAATCTGCCTGCTTCACTCCCACTCAGAAACAGCC  
TTTCACTGAGTTTTTACAGAATGCTAAGGATTGGTGGCTATTTAGTTTCTATTTCTGCTTGCCATTGGCCA  
TCACTGCATTTTTTTATACCTTGGAGACCTGTGAATGTTGAGAAAGAAGAGTGGCATGCAATTTGCTTT  
AAATGATCACTTAAAGCAGAGAAGGGAAGTGGCGAAAACAGTATTCTGCCTGGTCTTGTCTTTGCCCTG  
TGCTGGCTTCTCTTACCTCAGCAGGATTTTGAACACACTCTTTATGATCAGAATGATCCCCATAGAT  
GTGAAGTTTTGAGCTTTTTTGTGTTGATTGGAATACATTGGCATCAACATGGCCTCCCTGAATTCCTGCAT  
TAATCCAATAGCTCTGTATTTGGTGAGCAAAAGATTCAAAAAGTCTTTAAGTGGTGTCTTATGCTGCTGG  
TGCCAATCATTTGAAGAAAACAGTCCCTTGAAGACAAGCAGTCATGCTTAAAGTTCAAAGCTAATGATC  
ACGGATATGACAACTTCCGTCCAGTAATAAATACAGCTCATCTTGAATGAAGGAATATTCACTTAATCT  
CATCTTCTTTATTTTGGACAGAAGTCATTAAGACAGTGAGGCATTTGCCAAAACAAAACAACTGTGTGTT  
TGACAAAATAATGTAAAAATGTAAAGTGAATATTTTCTTAACACTCACAGTTACATATGACATTTTAT  
GAGCTGTTTACAGCAGAGAAGAAAGCATCAAGAATTAAAGCCTCATTGTGAAAGCC  
>GBE0137 |Acc|U55216|Ver|U55216.1 GI:1305528|Equus caballus Mx protein homolog mRNA,  
complete cds.  
GGCACGAGTGGAGAACAGCTCTGCATTTCTGTCCAAGCAGTCAGCGGTCCATCGTCAAGTAAAGGAAGCT  
ATATTGGAGATAACTGAACCGATAAAGGAAGAAGATGGTTCATTCTGAAGCGAAAATGACAAGACCTGAT  
TCAGCTTCCGCATCCAAGCAACAATTACTAAATGGAATGCTGACATACAGGAGACAAATCAGAAAAGAA  
GCATTGAGAAAAACCTGTGTAGCCAGTATGAGGAGAAGGTACGCCCATGCATTGATCTCATCGACTCCCT  
GCGGGCTCTGGGTGTGGAGCAGGACCTGGCCCTGCCTGCCATCGCCGTATCGGGGACCAGAGCTCGGGC  
AAGAGCTCTGTGCTGGAAGCTCTTTCAGGGGTGCGCCCTCCAGAGGCAGTGGTATTGTGACAAGATGTC  
CTCTGGTGTGAACTGAAAAGACTGGTGAAGAAGATGAGTGAAGGCAAGTCACTACCGGGATAT  
CGAGTTGAGAAATTTCAAATGCTTTGGATGTGGAAGAGCAAGTCAAGAAAAGCCAGAATGTCTTGTGGG  
GAAGGAGTGGGAATCAGTCAGGAGCTAGTCACTCTGGAAGTCAGCTCTCCTCATGTCCCGGATCTGACCC  
TGATCGACCTTCTTGGCATCACCAGGTTGGCCGTGGGCAATCAGCCAGCCGACATCGGACGTCAGATCAA  
GACACTCATCAGGAAGTACATCCAGAGGCAAGAGACGATCAACCTGGTGGTGGTCCCAAGTAACTGAGC  
ATCGCCACCACGGAGGCGCTGAGCATGGCTCAGGAGGTGGACCCGAGGGAGACAGGACCATAGGAATCT  
TGACAAAGCCTGACCTGGTGGACAAAGGCCAGGAGCAGGTGGTAGACGTGGTGGAAACCTCATCTG  
CCACCTGAAGAAGGTTATATGATCGTCAAGTGCCGGGGCCAGCAGGACATCCAGGACCGACTGAGCCTG  
GCTGAGGCTCTGCAGAGAGAGAAGGCCCTCTTTGAGGAAAACCCATATTTACGGGGCTTCTGGAGGAAG  
GAAGAGCCTCGTCCCTGCCTGGCGGAGAGGCTGACCACTGAACCTCATCACGCACATCAGTAAATCTCT  
GCCCTGTTAGAAAATCAAATAAAGGAAGTTACCAGAATCTATCAGACGAGTTACAAAATATGGCACC  
GACATCCCAGAAGATGAACTGAAAAACGTTCTTCTGATAGTGAATAATTACTACATTTAATCAGAACA  
TCACCTCTTTCTGTAAGGGGAGGAACCTGTAGGACCAATGACACTCGGCTGTTTAAACAAATCCGACA  
GGAGTTGAGAAATGGAGTGGGGTGATTGAAAACAATTTCCGAAAAGGTGGCGAAGCTATCCGTAGACAG  
ATCTGGACATTTGAAAATCAGTATCGTGGCAGAGAGCTACCAGGATTTGTGAATTACAGGACATTTGAGA  
CGATCATCAACAGCAAATCCAGTTGCTGGAAGAGCCAGCCATTGATATGCTGCACAGGATAAGTGATCT  
GGTCCGGGATACCTTCAAAAAGTTTCAGAAAAAATTTCAAGTGAATTTTCAACCTCCACAGAACCCACC  
AAGTCCAACTTGAAGACATTAATTTAGAACAGAAATGAAGCTGAGAAGTCCATCCGACTCCACTTCC  
AAATGGAGAAGATCGTCTACTGCCAAGACCACGTTTACCGGGGCAGTTACAGAAGGTGAGAGAGATGA  
AATGGAGGAGGAGAAGAGAAAAAACAATCAACGTCTGGGGTCAAAACACTTCCACAGAGTCCCTCGATG  
GCAGAAATCTTGGAGCATCTCAACGCCCTACCAGCAGGAGCCGGCAACCGCCTCTCGACCCACATCCCCT  
TGATCATCCAGTTCTTCTGCTCCAGACATTCGGCCAGCAGCTGCAGAAGTCCATGCTGACGCTCTGCA  
GGACAGGGACACCTACGACTGGCTCCTGAAGGAGCGCAACGACACCTGTGACAAGAGGAAGTTCTGAAG  
GAGCGGCTTGTCTGGCTGGCCAGGCTCGGCGCCGGTTAGCCAAGTTCGCCGGTTAAATCGGGCTCTCTG  
TCTCAGCCTCATGTCTCCATGCACATCTCCAGGGAGCGGAGGCCAGCATCTCTCCCAACAGCCACACC

ATCATTAGTTACCCATTACAGATACCCGAGCGGTTACGGGTCAGGCTTGGTGGTCACTGTCTGTGCTTG  
TCCTTTAGTGGATAAGGATGCGCTAAGAACCTGTGATGAGCGATTGGTTTCAAGCATTGAGACTAGAGC  
CCCGCCTTCATGTAGCATATGCTTTAGACTGAATGAGCAGTGCCATTTTCTGGTTAGGAGAAATGGTTTT  
CTACCCCCAGGATTGGTCCGTCTCCAGACTCTCTCCATCTCTTTATCAGAGACCGATGTACGTGCAGC  
ATCATGGAACGGTTATTTTCGGTTTTTTTGTGTTGTCTTTTCGCATACCCAGTGTGTTTAGGCGTGTGAGT  
GCTGCTTGTGTGAATGCTTGTAGATGCCATGTTTCATCTATTTGTAATAAACTTTTTTCTACTAGAAAAA  
AAAAAAAAAAAAAAAAAAAA

>GBEQ0138 |Acc|L38511|Ver|L38511.1 GI:601911|Equus caballus pregnancy-associated  
glycoprotein (PAG) mRNA, complete cds.

GGCACGAGGTGGAAAGAAACAGAAGCATGAAGTGGTTTGGGGTCTAGGGCTGGTGACCTCTCAGAG  
TGCTTAGTCACAATCCCTCTTGTGAAGATCAAGTCTCTTCGAGAAAACCTCAGGGAGAAAGATATGTTGA  
AAGAATATCTGGAGAAATATCCCTTCCGTCTGACCCACAAGCTTCTCCACAAACATGCGGACTCAGGAGT  
AGCTTTTGAACCCATGAGGAACCTACCTGGACATAGCCTACATGGGCATCATCAGCGTTGGAACCCCCCT  
CAGGAATTCAGGTCATCTTCGACACGGGCTCGGCTGACCTGTGGGTGCCCTCCATCTACTGCTCCAGCC  
CGGCTGTTCTAATCACAATACCTTCAACCTCTGCGGTCTCCACGTTTGTGGCCTCGGGCCAGCCAT  
CAAACCTCATCTACGGCACTGGGAAGATGTGAGGATTTGTGCGCTATGACACCATTAGATTTCAGCCTT  
GTCGACAGGAACCAAGCATTTGGCCTTAGTGTGGAGGAACCTGACAAGATCTTGGAACTCGCGACCTTCG  
ACGGCATCTGGGCTCAGCTACCTAGCCTGAGTGTCAAAGGGTCAACCTGTCTTCGACAACCTGTG  
GAACCAAGGCCTCTTTCTCAGAAGCTCTTCGCTTTCTACTTGAGCAGAAAGGAAAGAAAGGCGAGTGTG  
GTGATGTTTGGTGGCTGGACCCCTTCTACTACACCGGAGAGCTGCACTGGGTGCCCGTGTCCAAACCC  
TCTACTGGCAAATATCGATGGACAGCATCTCCATAAATGGGAAGGTTATTGCTTGTGATGGTGGCTGCCA  
GGCATTGTGGATACCGGACCTCACTGCTGCTTGGCCACAAGATGCTGTCTCAACATCCAGGAGATC  
ATCCAGGCCAGGCGCTCCACCAAGTGGCGAGTACTTCATCGACTGTGACGCCGTCAACACCTGCCCCACA  
TCCTCTTACCATCGATGGCATCGGCTACCCAGTGCCGGCCAATGCCTACATCCAGAAGGATGCTGCTTT  
GGGCATCTGCTTCAGCAGCTTTGAAGGCAACGAGGACATCTCGAACAACCTCGGAGGAGTGGATCCTGGGC  
GACGTCTTCTGAGGCTGTATTTACCGTTTTCGATCGGGAAAACGATAGGATTGGACTGGCTACTGCGG  
TATAAATGCAGAGGCCACCCAGGAAGTAACAGGCCGCCCAACACACACCCCCACACACATTTGGG  
GCATTTCCACCCGAGGTGCTGGCCCCAAATGTCTTTGGTGGCTGCAGAGCCCTATTCTTGGTAGAGAA  
TAAAGATCTTATTTCCAATGGT

>GBEQ0139 |Acc|AB010829|Ver|AB010829.1 GI:3062844|Equus caballus mRNA for follistatin,  
complete cds.

TCGCGCGGGCGGGCGGGCGGCGAGCGCGGGGCTGCGCCGGGATCGCTGCGCCCTCAGCCGCTCGCCTCTGC  
GACGCGCGCCGCTCGCCAGAGCCACCCGCGCGCGCCGCTCCCGCGCGCCGCGCTCCTCGCCCCCG  
GCCTGCCCCCAGGATGGTCCGTCCCGACCCGCGGGGCTTTGCCTCTGCTGCTGCTGCTGCTGCTGCTG  
CAGTTCATGGAGGACCGCAGCGCCAGGCTGGGAATTGCTGGCTCCGCCAAGCGAAGAACGGCCGCTGCC  
AGGTCTGTGTAAGACAGAACTGAGCAAGGAGGAGTGTGTCAGCACCGGCCGCTGAGCACCTCGTGGAC  
CGAGGAGGACGTCAATGATAACACGCTCTTCAAGTGGATGATTTTCAACGGGGGCGCCCCAACTGCATC  
CCCTGTAAAGAAACGTGCGACAACGTGGACTGTGGACCCGGGAAAAAATGCCGAATGAACAAGAAGAATA  
AGCCCCGCTGCGTCTGTGCCCCAGATTGTTCCAATATCACCTGGAAAGGCCAGTCTGTGGGCTGGACGG  
GAAAACTACCGCAACGAATGTGCGCTCCTCAAGGCCAGATGTAAAGAGCAGCCAGAACTGGAGGTCCAG  
TACCAGGGCAAATGTAAAAAGACCTGCCGGGATGTTAACTGTCCAGGCAGCTCCACGTGCGTGGTGGACC  
AGACAAATAATGCCTACTGTGTGACATGTAACCGGATTTGCCAGAGCCACCTCCTCTGAACAGTATCT  
CTGTGGGAATGATGGAGTGACCTACTCCAGTGCCTGTACCTGAGAAAGGCTACCTGCCTGCTGGGCGA  
TCGATTGGATTAGCTATGAGGGAAAGTGTATCAAAGCAAAGTCTGTGAAGATATCCAGTGCCTGGTG  
GAAAAAATGTTTATGGGATTTCAAGGTGGCAGAGGCCGCTGCTCCCTCTGTGATGAGCTGTGCCCTGA  
CAGTAAGTCTGAGGAGCCTGTCTGTGCCAGTGACAATGCCACTTACGCCAGCGAGTGTGCCATGAAGGAA  
GCTGCCTGCTCCTCAGGTGTGCTGCTGGAAGTAAAGCATTCGGGATCTTGCAACTCCATTTGGAAGACA  
CCGAGGAAGAGGAGGAAGATGAAGACCAGGACTACAGCTTTCCTATATCTTCCATTCTAGAGTGGTAAAC  
CCTCCGCCCATGTTCAAGTGTGATATAGCCTTTGGGCAGAAAAAAGGAGGAGGAGGAGGAGGAGGAGG  
AAATATATTGCTCCTACTGTAAATAAGTGTATGCTTATTTATTTGGGGGAAAAAGTATACATAAAGGACC  
TTTGTCTTAAAGCTGTCTCCAGGCCACCTTGTACTCATTTGGACCCGAGAGGCGGTCATTGTGAGGTC  
TACTGGATGAGGCCATAGTTGAGAATTGTAGACATTTATTTATACTGTGTGATGTTTATAATTTATAC  
ATAAATGTCTGGTTGACTGTACACCTGTTTTTGAAGAAATTTATTCGTGAAGGAAGAGCAGTTGTTA  
TTTATTGTGAGGCTCTGCTTGTAAAGTAAAGCTTTTTTTTCTTGTAAACCATTTAAGTCCATTCC  
TTACTATTGACTCACTCATCTGTCTCCCTTCATTTCACTGTTGTGTAGACTCTTTTCCACTTTAACAACCT  
TGCATGTGAGTTTCTGTCATGTTTATTTATTTGAGATTCTCTGCTGCTGCTGCTGTACATACATGATCCCTC  
GGGTTTTGTTTACAAGGAATCTTGACTGACCAAAAGGCATTATAACTCTGACTTAAATAGAAGGTACAGA



GAATACATCTTGGGGGAAACTCCTATTTTCAGTTCTCATGTGTCGACAAAGACTTCTGTGAGAGAGGGGGT  
 GATAGCAATGTTAGAATTCTAGTAACGTACCTTCAAGATGTTACAGATCCAAAGAGATTGAGTGATATGG  
 GTGTCGGGAGACTGAAGGGAGCAGAATGCTACACTTTTCAGCCTTTTCATTAGGTGTTTCCTTTAAGCTAGT  
 CTGCTGTACCTTTTAAATCAGTTCTTTTTCAACCAGTGTGTCACTAAAAGTTATATCAAAGCTTTATCAG  
 TTCAAGTTTCTTGCTTTTTCATAATACTTTTTTCTGATGCAATTTTATATTTTCAAACATGGCAAGTTAAA  
 TATAAATTCATTTAAATATATAGTTTGTACTTTTCTACCATGTAAATGTGCAATGTATATAAAAGTTAT  
 AATGTGTATTTGTAAATAAATGATGAGTGAAAAATAAAAAAATTTTAAAAAGCC  
 >GBEQ0140 |Acc|U31699|Ver|U31699.1 GI:1592834|Equus caballus gelsolin mRNA, complete cds.  
 CCCAGCAGCATGGTGGTAGAACACCCCGAGTTCTCAAGCGGGGAAGGAGCCTGGCCTGCAGATCTGGC  
 GCGTGGAGAAGTTTCGACCTGGTGCCTGCCCCGACCTTTACGGAGACTTCTTTCACAGGTGACGCCTA  
 TGTTCATCCTGAAGACGGTGCAGCTGAGGAACGGGATCCTGCAGTACGACCTCCACTACTGGCTGGGCAAT  
 GAGTGCAGCCAGGATGAGAGCGGCGCGGCCGCCATCTTCACCGTGCAGCTGGATGACTACCTGAACGGTC  
 GGGCTGTGCAGCACCGCGAGGTCCAGGGCTTTGAGTCGGCCACCTTCTTGGCTACTTCAAGTCTGGCCT  
 CAAGTACAAGAAAGAGGTGTGGCATGAGGATGTGGTGCCCAATGAGGTGGTGGTGCAGAGG  
 CTCCTCCAGGTCAAAGGGCGGCGTGTGGTCCGTGCTACCGAGGTGCCCGTATCCTGGGAGAGCTTCAACA  
 ATGGCGACTGCTTCATCCTGGACCTGGGCAACAACATCTATCAGTGGTGGCGCTCCAAAAGCAACCGATT  
 TGAGAGGCTGAAGGCCACACAGGTGTCCAAGGGCATCCGGGACAACGAGCGGAGCGGCCGGGCCAAGTG  
 TCCGTGTTTGAGGAAGGCGCTGAGCCCGAGGCGATGCTCCAGGTGCTGGGCCCCAAGCCAACCTGCCCCG  
 AAGCGACTGAGGACACAGTCAAGGAGGATGCGGCCAACCGCAAGCTGGCCAAGCTCTACAAGGTCTCCAA  
 TGGCGCGGGCCCCATGGTGGTCTCCCTTGTGGCTGATGAGAATCCCTTCGCCAGGGGGCCTTGAGGTCA  
 GAGGACTGCTTCATCCTGGACCACGGCAAAGATGGGAAAATCTTTGTCTGGAAAGGCAAGCAAGCCAACA  
 TGGAGGAGAGGAAGGCTGCCCTCAAAACGGCTCCGACTTCATCTCCAAGATGGACTACCCCAAGCAGAC  
 CCAGGTCTCCGTCTTCCCGAGGGCGGTGAGACCCCGCTGTTTCAGGCAGTTCTTCAAGAACTGGCGGGAC  
 CCGGACCAGACGGAAGGCCTGGGCTTGGCCTATCTCTCCAGCCACATCGCCACGTGGAGCGCGTGCCTT  
 TCGATGCCGCCACCCTGCACACCTCCACTGCCATGGCCGCCAGCATGGCATGGATGACGACGGCAAGG  
 CCAGAAACAGATCTGGAGAGTCAAGGGTCCAACAAAGTGCCCCGTGGACCCCGCCACCTACGGGCAGTTC  
 TACGGTGGGGACAGCTACATCATTCTGTACAACCTACCGCCACGGCAGCCGTGAGGGACAGATCATCTACA  
 ACTGGCAGGGCGCCAGTCCACCCAGGATGAGGTGCTGCGTCTGCCATCCTGACCGCCCAGCTAGATGA  
 GGAAGTGGGAGGTACCCCTGTCCAGAGCCGTGTGGTCCAAGGCAAGGAGCCTGCCATCTCATGAGTCTA  
 TTTGGCGGGAGCCCATGATCGTCTACAAGGGTGGCAGCTCCCGCGAGGGTGGGCGAGACGGCCCCCGCCA  
 GTACTCGCCTCTTCCAGGTCCGGGCCAGCAGCTCTGGAGCCACCCGAGCCGTTGAGATAATCCCAAGGC  
 CGGCGCGTGAAGTCCAACGATGCCTTTGTCTGAAAATCCCTCGGCTGCCTACCTGTGGGTGGGTGCA  
 GGAGCCAGCGAGGCGGAGAAGACGGGGGCCAGGAGCTGCTCAGGGTGTGCGGGCCCCAACCTGTGCAGG  
 TGGCAAGGCGAGGCGGAGACAGCTTCTGGGAGGCCCTGGGTGGGAAGGCCACCTACCGCACGTCCCC  
 GCGGCTGAAGGACAAGAAGATGGACGCCACCTCCTCGCCTCTTTGCCTGCTCCAACAAGATTGGACGT  
 TTTGTGATCGAAGAGGTCCCTGGCGAGTTCATGCAGGAAGACCTGGCCACTGATGACGTGATGCTCCTGG  
 ACACCTGGGACCAGGTCTTTGTCTGGGTGCGAAAGGATTTCTAAGACGAGGAAAAGACGGAAGCCTTGAC  
 CTCTGCTAAGCGGTATATCGACACAGACCCAGCTCATCGCGATAGGCGTACCCCATCACCGTCTGTGAAG  
 CAAGGCTTTGAGCCTCCGTCTTCGTGGGCTGGTTCTCGGCTGGGATGACAGCTACTGGTCTGTGGATC  
 CTTGGACAGGGCCTTGGCTGAGCTGGCTGCCTGA  
 >GBEQ0141 |Acc|AF047520|Ver|AF047520.1 GI:2906239|Equus caballus motilin precursor, mRNA,  
 partial cds.  
 TTTGTTCCCATCTTCACCTACAGCGAACTCCAGAGGATGCAGGAGAAGGAGCGGAATAGAGGGCAAAGA  
 AATCCCTGGGCTCCAGCAGAGGTCTGAGGAGGTGGGCTCTTGGACCCACAGAGGCCGCGGAGGAAGA  
 AGGAAAGGAAGTTATCAAGCTGACTGCTCCTGTGGAATTTGAATGAGGATGAAGTCCAGGCAGCTGGAA  
 AAGTACCGGGCCGCTGGAAGGGCTGCTGAGCGAGGTGCTGCTATCCACACAGAACGCAGCCAAAGTGAC  
 GGCCGCTCCAGGGAGAAGATGGATGGATCCAGCGGCCCTCCACCCGAGGGAGGCCCCGTGATCTGCA  
 TAGCCCGTACAGTGGGCTTGAAGGAAGACACGCTCTCCCAAGAAAATCCCCCTCCAGCAAATAAAGGGT  
 GAAATATAC  
 >GBEQ0142 |Acc|AJ001400|Ver|AJ001400.1 GI:2388784|Equus caballus mRNA for cysteine-rich  
 secretory protein-3.  
 GAGACCTTTCTTCTCTACAAGTAAAGCAGATGCTTACCTTGTCTGAGAACCAACATGGCATTATTA  
 CCAGTGTGCTGTTTCTGGCTGCCGTGTTGCTTCCATTCTTTCCTGCAAGTGGACAGGATCCAGGTTTTG  
 CTGCTTTGTCAATCACCAAAAGCGAAGTCCAAAAGAGATTGTAATAAACAATGACCTAAGGAGAAC  
 AGTCTCTCCACTTGGCAGTAACATGCTAAAGATGCAATGGGACAGCAAGACAGCAACAAATGCCAAAAC  
 TGGGCCAACAAAGTGCCTTCTCCAACACAGTAAAGCAGAAGATCGCGCAGTGGTACAATGAAATGTGGTG  
 AGAATCTCTTTATGTCGAGTATACCTAATTCCTGGTCAGATGCAATCCAAAATTGGCATGATGAGGTCCA

TGATTTTAAATACGGCGTGGGCCCCAAAGACTCCCAATGCAGTAGTTGGACATTATACCCAGGTTGTTTGG  
TACTCATCTTACCGTGTGGATGTGGAATAGCCTATTGTCCCAAACAAGGAACCTATAAATACTACTATG  
TTTGCCAATATTGTCCTGCTGGTAATTATGTGAATAAAATAAAATACTCCTTATGAACAAGGAACACCTTG  
TGCCCGTTGCCCTGGTAACGTGACAAATGGACTATGCACCAATAGCTGCGAGTATGAAGATCTCGTTAGT  
AACTGTGATTCTTGAAGAAAATAGCTGGCTGTGAACATGAATTGCTCAAGGAAAACCTGCAAGACTACTT  
GTCAATGTGAAAACAAAATTTACTGAAGTTCCAGTGTGCATTGCGCAATACAAAGTGGAGAAGGGCTGCA  
TCCTTTTGTGACACATACCAGAGGGAAATTATAGGCATGCTAGTTGCAAAGCTGATTCCAAACCGTAAT  
GCATCTTTTCTCTTGATCTTTACAGAAATCTCTTCCACACAATGATTTACAAAGCAGAGTAGTCTGTGAT  
GACAACTTTGGCTTTGATATAAAATTTGGTACTTTAAATGTAATAAATTGAATCAATTGGAGATTTTGAAA  
GTTGTATAACCATAAGACTTAGGTCCCTAGAACTTTGGATTAAACGAAGAATTACATGTTTCTGAAACA  
ACATGCCCCCCCCAAAATTTACAGACTAACAAATCATTGTTATTCCTAATACATGATTTTTTACCTGTATA  
AAGAATGAATTCAAAGATTGCAATGTACCTTTCTCTTATGGCCTCCTCTTTAAACAAAAGTAATCAGTAA  
GAATAAAGAACCTTACCTAAGCAAAAAAAAAAAAAA

>GBEQ0143 |Acc|AF041069|Ver|AF041069.1 GI:2773350|Equus caballus fibronectin mRNA,  
partial cds.

GGAGTATCTTGGTGCTATTTGCTCCTGCACATGCTTTGGAGGCCAGCGGGGCTGGCGCTGTGACAACTGC  
CGCAGACCTGGGGCTGAACCCGGTCACGAAGGCTCCACTGGGCACTCCTACAACCAGTATTCACAGAGAT  
ACCAGCAGAGAACCAACACCAATGTCACCTGCCAATTGAGTGCTTCATGCCCTTAGATGTACAGGCTGA  
CAGAGATGATTCCTCCGAGAATAATATCTCCAACCCAGAGAAACCAGCGTGGACCTCTGCCAGAGTCCATCC  
AAACTGGAGTGACAACAGCAGACCCCATCTTAGAGTGTGTTGTTCTTTCTTAGGCCCTTTGCTCTGGAGT  
AACTTCTCCAGCTTCAGCTCACCTCACAGCTTCTCCGAGCATCACCTGGGAGTGTGTTGAGACTTTTCT  
CATAAACGGGGGCGAGTACATTGCCCTCTCTGCTCCAAAGTACTCACTACCGCTCAGTATTTAAGTGAAA  
TGATTCTAACTCGTGATTTGGTTTGAGATCAATAGGGAAGCACACGCCAACCAAGATGCAAAATGTAT  
TGAAATGATATTACCAAAATTTTAAGTAGGAAAGTTACCCAAACACTTCTGCTTCCACTTAACTGTCTGG  
CCCGCGATATTGTAGGCATGTCTTGGTTACTGTGATATTTAAATATCCACAGTGCTCACTTTTTTCCAA  
ATGATTCTAGTAATTGCCTAGGAATATCTTCTCTTACCTATTATTTATCAATTTTCCAGTATTTTTAT  
ATGGAAAAAAATTTGATTGAAGACACTTA

>GBEQ0144 |Acc|AF038127|Ver|AF038127.1 GI:2723946|Equus caballus dermatan sulfate  
proteoglycan II mRNA, complete cds.

AGAGAAGCAGGAGGTTTTCAACCTAGTGACAGTCACAGAGCAGCACTACCCCTCCTCTTTCCACACC  
TGCAAACTCTTTTGCTTGCGCTGAAAATTTAGTGTAATTACATCTCAGCTTTGAGGGCTCCTGTGGCAAA  
TCCCCGGATTAAAGGTTTCTTGGTTGTGAAAATACATGAGATAAATCATGAAGGCACTATCATTTTTCC  
TTCTGCTTGACACAAGTTTCTTGGGCTGGACCATTTCAACAGAGAGGCTTATTTGACTTCATGCTAGAAGA  
TGAGGCTTCTGGGATTGGCCCCAGAAGATCGCATTAAGTTCTAGACTTAGAGCCTCTGGGACCATGT  
TGCTCTTCCGCTGTCAGTGCCATCTTCGAGTTGTCCAATGTTCTGATTTGGGTCTGGACAAAGTGCCCA  
AAGATCTTCCCCCTGACACCACGCTGCTGGACCTGCAAAACAACAAAATAACCGAAATCAAAGATGGAGA  
CTTTAAGAACCTGAAGAATCTTCATGCGTTGATTCTTGTCAACACAAAATTAGCAAAATCAGCCCTGGA  
GCATTTACACCTTTGGTGAAACTGGAACGACTTATCTGTCCAAGAAATCATTTGAAGGAATTGCCAGAAA  
AAATGCCCCAAACTCTTCAGGAGCTGCGTGTCCATGAGAACGAGATCACCAAAGTGCGAAAAGCGGTGTT  
CAATGGACTGAACCAGATGATAGTCGTAGAACTGGGCACCAACCCACTGAAGAGCTCAGGAATTGAAAAT  
GGAGCCTTCCAGGGGATGAAGAAGCTGTCTACATCCGCATTGCTGACACCAACATAACCACCATCCCTC  
CAGGTCTTCTCTCTTCCCTTACTGAATTACATCTTGATGGCAACAAAATCACCAAAGTTGATGCAGCTAG  
CCTGAGAGGACTGAATAATTTGGCTAAATTTGGGACTGAGTTTCAACAGCATCTCTGCTGTTGACAATGGC  
TCTCTGGCCAACACTCCTCATTTGAGGGAACCTCACTTGGACAACAACAAGCTTATCAAAGTGCCTGGTG  
GGCTGGCGGATCATAAGTACATCCAGGTTGTCTACCTTCATAACACAATATCTCTGCAGTTGGATCTAA  
TGACTTCTGCCACCTGGATACAACACCAAAAAGGCTTCTTATTCGGGTGTGAGCCTTTTCAGCAACCCA  
GTCCAGTACTGGGAGTCCAGCCATCCACCTTCGAGTGTCTATGTGCGCTCTGCCATTCAGCTCGGAA  
ACTACAAGTAACTCCCAGGAAAGCCCTCATCTTTATAAGCTGGCAACATCCCGTTAATGTCATTGCTCAA  
AAAAAAAAAAAAAAAAAAAA

>GBEQ0145 |Acc|AF035934|Ver|AF035934.1 GI:2662530|Equus caballus biglycan mRNA, complete  
cds.

AGCAGGAGTGAGCAGCTGCTCTCTGACGGCCAGGACGACCCGACGGACAGACGCACGGACTGCCTGACAC  
CCAAGCCTGCCAACTAACCAAGCTGTGCCCGGCTGCTTCCCTCCCCAGGCATGCCACCATGTGGCCCC  
TGTGGCTCCTCGCATCCCTGCTGGCCCTGAGCCAGGCCCTGCCCTTTGAGCAGAAGGGCTTCTGGGACTT  
CACCCTGGACGATGGGCTGCCCATGCTGAATGACGAGGAGGCTTCGGGTGCTGACACGACCTCGGGCATC  
CCAGACCTGGACTCCCTCACACCCACCTTCAGCGCCATGTGTCTTTTCGGCTGCCACTGTCACTTGCCTG  
TCGTTCACTGCTCCGACCTGGGTCTGAAGGCTGTGCCCAAGGAGATCTCGCCCCACACCACTGCTGGA



[illegible]

515

TCCCTCTTCCTTCCACTTCTCTGTCTGAAGGCTCCTCTCCCCATCCCACCCCTGTCCCATGGGTAACATG  
TGACAATAAACAGCGTAGTGCATATG  
>GBEQ0150 |Acc|U91947|Ver|U91947.1 GI:1928883|Equus caballus interleukin-5 (IL-5) mRNA,  
complete cds.  
ATGAGGATGCTTCTGCATTTGAGTGTGCTAGCTCTTGGAGCTGCCTACGTCTGTGCCCTTGCTGTAGAAA  
GTCCCATGAACAGACTAGTGGCAGAGACCTTGACACTGCTCTCCACTCATCGAACTCTGCTGATAGGCGA  
TGGGAACCTGATGATTCTTACTCCTGAACATAAAAAATCACCACCTCTGCATTGAAGAAGTCTTTTCAGGGA  
ATAGACACATTGAAGAATCAAACCTGTCCAAGGGGATGCTGTGGCCAACTATTCCAAAACCTTGTCTTTAA  
TAAAAGGATACATAGACCTCCAAAAAAGTGTGGAGGAGAAAGATGGAGAGTGAAACAATTCCTAGTA  
CTACCTGCAGGAGTTTCTTGGTGTAAATAACACTGAGTGGACAATAGAAGGCTGA  
>GBEQ0151 |Acc|U85272|Ver|U85272.1 GI:1815684|Equus caballus prepro IGF-Ia mRNA, complete  
cds.  
TCAGCAGTCTTCCAACCCAATTATTTAAGTGCTGCTTTTGTGATTTCTTGAAGGTAAAGATGCACATCAT  
GTCCTCTCACATCTCTTCTACCTGGCCCTGTGCTTGTCTCACCTTCCAGCTCTGCCACGGCTGGACCG  
GAGACACTCTGCGGGGCTGAGCTGGTGGACGCTCTTCAGTTCGTGTGTGGAGACAGGGGCTTTTATTTCA  
ACAAGCCCACAGGGTACGGCTCCAGCAGTGGAGGGGCGCTCAGACAGGCATCGTGGACGAGTGCTGCTT  
CCGGAGCTGTGATCTGAGGAGGCTGGAGATGTACTGCGCACCCCTCAAGCCTGCCAAGTGGCCCCGCTCC  
GTCCGTGCCAGCGCCACACCGATATGCCAAGGCTCAGAAGGAAGTACATTTGAAGAACACAAGTAGAG  
GGAGTGGGGGAAACAAGACTACAGAATGTAGGAAGACTCCCTCGAGTGAAGAAGGACATGCCACCGGC  
GGGACCCCTTTGCTCTGCACGAGTTACCTGTTAGACACCAGAAGACCTACCAAAAAATAAGTTTGATAAC  
ATTTCAAAGATGGGCATTCCCCCAATGAAATACACAAGTAAACATTCCAACATTGTCTTTAGGAGTGA  
TTGTTAAAAGCTTTGCACCTTGCAAAAAACGGTCCCTGGAGTTGGTAGATTCTTATGATCTTTTATCAAT  
AATGTTCTATAGAGAAAATATATATATATAGATATCTATATCTATATCTATATATGTATATATATATATC  
TTAGTCCCTGCCTCTCAAGAGCCACAAATGCATGGGTGTTGTATAGATCCGGTTCAGTAAATTTGTCTC  
TGAATCTTGGCTGCTGGAGCCATTTCATTAGCAGGCTTGTCTAAGTGG  
>GBEQ0152 |Acc|S73527|Ver|S73527.1 GI:688071|epidermal growth factor [Equus  
caballus=horses, kidney, mRNA Partial, 274 nt].  
GAATTCCTGCATCAATACCGAAGGGGGGTATGCTGCCAGTGTCTCGGAAGGCTACCGAGGCGATGGGATG  
CATTGTCTAGACTCGACTGTACCCTCCTCCCCAGGGAGGATGGCCACTACTCTGTGAGAAATAGTTACC  
AGGAATGTTCCAGTCTATGACGGGTACTGCTCCAGGTGGCAAGTGTGTGTATCTTGTACAGTCA  
CACACATCGTGCCTGCTGTTGTTGGCTACGTCGGAGAGCGATGTCAGCACCAGGACTTGAGG  
>GBEQ0153 |Acc|U19381|Ver|U19381.1 GI:625087|Equus caballus complement protein C9  
precursor mRNA, complete cds.  
GGCGGTTCCACGGGGGCTGCCGCACTAGAGCAGCATGTCTGCAGGCCGGACATTGCGCTTTGCCATATGC  
ATTCTAGAAGTGAGTGTCTGACAGCCGGGCCACTCCCAATTATGCCCCAGAGCCAGAACACAGAGTG  
GCACTCCATTGCCATAGACTGCAGAATGAGTCTCTGGAGCGAATGGTGGGAATGTGACCCCTGCCTCAG  
ACAAATGTTTCGCTCAAGGAGCATTGAAGTCTTTGGACAATTTAATGGGCAAAGGTGCGTTGATGCTGTG  
GGAGACAGACGACAGTGTGTGCCCCTGAGGCTGCGAAGAGGTTGAGGATGACTGTGGAATGACTTTT  
AGTGGCGGTACAGGCAGATGCATAAAGAAGCGACTTCTGTGTAACGGTGACAATGACTGCGGAGACTTTT  
AGATGAGGATGATTGTGAAAATGACCCCGTCCCCCATGCCGGGAGAGAGTGGTGAAGAATCTGAGCTG  
GCCGGGACTGCAGGCTACGGGATCAACATCTTAGGGATGGATCCCTAAGCACACCTTTTGACAACGAGT  
ACTACAATGGACTCTGTGACCGAGTTCCGGATGGAACACCTTGACCTACTACCGCAAACCTGGAACTT  
GGCTTCTTTGGCTTACGAAACCAAGCTGATAAAAAATTTAGAAATTGAACATTATGAACACAGATTCAA  
GCATTGAGGAGTGTCTGAAAGAGAGGAGGTACATTTTAAATGCAGATTTTCACTAAATTTACACCTA  
CTGAAGCAAAAAGTGTAAACAGGAACCTGAAGAATCTGTAATGGAACAGACTCCTCAGAAAATAGAAT  
ATTTTCGATTGCTACTCCAAAAATGAACTTACCAACTGTTCTTGTGATATTTCTTAAGAAGGAAAAA  
ATGTTTCTGCTGATGTAAGGAGTAAATCCAACCTGGGAAATTTGTGATGAGAAGTGGGATGTCGTTCTGA  
CAACAACCTTTCTTGATGATATAAAGCTCTGCCAAGTGCCTATGAAAAGGGAGAATATATTGATTTTT  
GGAAACCTATGGCACCCTACAGTAGCTCTGGGTCTTAGGAGGCTCTATGAACTAATATATGTTTTG  
GATAAAGCATCCATTGGACAGAAAGGTGTTGAAGTGGGACATACAGAGATGCTTGGGTTTAACTGG  
ACTTATCTCTGAGGATAAATATGAAGTACAGCAAGGATTGATAAATATGTTTAAAGAGGAATGA  
GAAGGAAATGTAAACATCATGGATGGTAGCCTCATAGATGATGTTATTTCACTCATAAGAGGAGAAC  
AGAAATATGCGTTTGAAGTGAAGAGAGCTTCTCAAAGGAGCCAGACGGTTAATGTGACTGACTTTG  
TAAATTTGGGCTCTTCTTAAATGACGCTCCAGTGCTCATAAGTCAAAGACTGTCTCCTATATATACT  
GATTCAGTGAAATGAAAGACGCACACCAAAAGAAATTTGGAAAGAGCCATTGAAGATATATC  
AATGAATTCAGTGTAAAGAAATGCCATCTTGGCAAAATGGAGGTACAGTGATTGAGATTGACGGACAAT  
GTTTGTGCTCTTGGCCAATCGCATTTGAGGGAATTCCTGTGAAACCGGAAAGAAAAGATCTCTTAAGG

ATGGCCAGACCAGAAAAACAGAGCTGTTGCTTCCCTGGGATTGTATGGAAAGAAAAACATCAGTACCTTC  
 CAAGTTAAGACCCTGCCCTTGGAGATAATTCTTGCTGCCAAATGAAAAGCAATAAGCTTCGTGAAAATCC  
 TGCCAATGTCTGAAGTCTCCTCTCTCTTAGATCCACAATGCTTCTTTTCCCTCCTTGAACCTCTATGATGT  
 TTCCATTTTTTAATTCCTTAATAAGGAGCGTCAGCGCTGAAATATGCCAGGACTGCTTTCTCCACAGGC  
 AATGCCAATCTCTTGCTAACAAAACAAAATTAAGTTTAAAGAGGATGTTGGTTAAAAACACTTTAAAGT  
 AATTACCAAAGTGCTTTGTATGGTTAATATCTTCTGCCAATTCCATTACCACGAGTCTGTGCCATTTGCT  
 TTCTCTCTTGTTTACATAGTTGTGTCTTGTGTTTGGTCATTTTGTGACACGGGCATCGATTCAATGGGCAA  
 GTAACCTACGGGCACCCACCACAGGCACAGCACTCTGCTCATTAGTCTTAGCTCTCCACTTTAGCTCTAC  
 GTCTCCAAGGAAAACCATTTTGTATTTGTAACCAAGATGTATTGGGTTAAATCATGTGAAATGCTCTTA  
 TTCAGTCATATTTAACCACCACAACAAAAAACCAGCAATTTTATATGATCCAACCTTAATATCTAGCTTT  
 ATGAATTGTATAAGGGAGGCTACCCACATAAGAGATGATTAACCTGGCTGCACAATTTTATCCATTAGAT  
 AGTATAGTACCTTAAGACCTGAGAGCTTTTGAAGAGTCTGAGAACCCTATAAAAAGAAAATAAAGGAA  
 AAAAAGGGGCCAAAACACAAAGGGAAAAATGCAAAATCAAAATTAACAAATGTTTAATTAATGTCAACA  
 TGTGTCAAGTCAGCTTCATTTATTTGTTATTCTATTATTAATAAACACATATTTGACCCTGAAAAAAA  
 A

>GBEQ0154 |Acc|U60978|Ver|U60978.1 GI:1407823|Equus caballus beta-lactoglobulin II mRNA,  
 complete cds.

ATGAAGTGCTCCTTGCTTGGCCTGGGCTTGTCCCTCATGTGTGGCAACCAGGCCACCGACATCCCCAGA  
 CGATGCAGGATCTGGACCTCCAGGAGGTGGCAGGGAGGTGGCACTCCGTGGCCATGGTGGCCAGCGACAT  
 CTCCCTCCTGGACTCCGAGAGTGTCCCTCTGAGAGTGTACGTGAGGAGCTGAGGCCCCACCCCGAGGGC  
 AACCTGGAGATCATCCTGCGCGAAGGGGCAAACCACGCATGTGTTGAGAGGAACATTGTGGCCCAAGA  
 CTGAGGACCCAGCTGTGTTACGGTCAACTATCAAGGGGAGAGAAAGATTTCCGTGCTGGACACAGACTA  
 CGCCCACTACATGTTCTTCTGTGTGGGGCCCCCTGCCAGCGCTGAGCACGGCATGGTGTGCCAGTAC  
 CTGGCCAGGACCCAGAAGGTGCGACGAGGAGGTGATGGAGAAATTCAGCAGAGCCCTCCAGCCTCTGCCAG  
 GCGCGCTCCAGATCGTCCAGGACCCGAGCGGGGGGAGGAGCGATGCGGTTTCTAGGCGAGCTCCGCCCC  
 GTCGCCCTCATCGGGGCCCCGAGCTTCCGTTCTCTGACAGACGCCAGGAGGGACAGAGACCAAGGCG  
 GCTGCAGGACGTGCTCCTCTCTGGGCCACGCCTCGGATCCCGGCCCTCCATCTCCTGCTCTGAGCCAT  
 GCCTCCTTCAGCAATAAAGGCATAAACC

>GBEQ0155 |Acc|U60356|Ver|U60356.1 GI:1405398|Equus caballus beta-lactoglobulin I mRNA,  
 complete cds.

ATGAAGTGCTCCTTGCTTGGCCTGGGCTTGGCCCTCATGTGTGGCATCCAGGCCACCAACATCCCCAGA  
 CGATGCAGGACCTGGACCTCCAGGAGGTGGCGGGGAAGTGGCACTCCGTGGCCATGGCGGCCAGCGACAT  
 CTCCCTCCTGGACTCCGAGAGTGGCCCTCTGAGAGTGTACATCGAGAAGCTGAGGCCCCACCCCGAGGAC  
 AACCTGGAGATCATCCTGCGTGAAGGGGAGAAACAAAGGTTGTGCTGAGAAGAAGATCTTTGCAGAAAGA  
 CTGAGAGCCCGAGCGGATCAAGATCAACTACCTGATGAGGACACGGTCTTTGCGCTTGACACCGACTA  
 CAAGAACTACCTGTTCTCTGATGAAGAACGCGGCCACACCCGGGCAGAGCCTGGTCTGCCAGTACCTG  
 GCCAGGACCCAGATGGTTCGATGAGGAGATCATGGAGAAATTCGCGAGAGCCCTCCAGCCTCTGCCTGGGC  
 GTGTCCAGATTGTCCCGACCTGACCCGGATGGCAGAGCGGTGCCGCATCTAGGCGAGCTCCAGCCGTC  
 CGCCTCCTGGGGTCCGGGGAGCCTCGGCCCTCTGACAGAGACGCTGTGAGCCCTCCTCCTGTGAGAGG  
 AATCAGGAGGGACAGAGACCAAGGCGGCTGCTGGACGTGCTCCTCCTGGGACGAGGCACCTCGGGTCCC  
 AGCCTCCATCTCCTGCTCTGAGCCATGCCTCCTTCAGCAATAAAGGCATAAACC

>GBEQ0156 |Acc|X79893|Ver|X79893.1 GI:728551|E.caballus EQMHCC1 mRNA.  
 ATGAGAGTTATAGCGCCCCGAACCTCATGGTGCTGCTCTCGGGGGCCCTGGCCCTGACCAAAACCTGGG  
 CGGGCTCCCACTCCATGAGGTATTTAGCACCGCCGTGTCCCGGCCCGCGGGGAGTCTTGGTACCT  
 CGAAGTCGGCTACGTGGACGACACGCACTTCGTGCGGTTTCGACAGCGACGCCGCGAGTCCGAGGATGGAG  
 CCGCGGGCGCCGTGGATGGAGCAGGAGGGGCCGAGTATTGGGAAGAAGAGACGACGCGCGCTGCGGGCC  
 TCGCACTCTTTCCGGGGGAACCTGAACAATCTGCGCGGCTACTACAACAGAGAGCGAGGGCTCTCA  
 CACTCTCCAGCTGATGTACGGCTGCGACGTGGGGCCACACGGGCGCCTTCTCAGCGCATCCTTTAGTAC  
 GCCTACGACGGCGCCGATTACCTCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGCGGACACGGCGG  
 CTCAGATCTCAAACGAAAGAAGGAGGTGGCGGGTAATGCGAAGTACTGGAGGAACTACCTGGAGGGCAC  
 CTGCGTGAAGTCTTTCGAGCAGATACCTGAGAACCGGAAGGAGACGCTACAGCGCGCAGACCCCCAAG  
 ACACACGTGACCCACCAACCCATCTCTGACAGTGAGGTACCCCTGAGGTGCTGGGCTCTGGCCTTCTACC  
 CTGCGGAGATCACCTGACTTGGCAGCATATCGGGGAGGACCTGACCCAGGACATGGAGCTTGTGGAGAC  
 CAGGCTTCTGGGGACGGGACCTTCCAGAAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGA  
 TACACGCTCCATGTCAGCACGAGGGGCTGCTGAGCCCATTTATCCTGAGATGGGAGCCATCTCATGAAT  
 CCATCATCCACATTTTGGGCATCGTTGCTGGCCTGGTTCTCCTGCTGGTCACTGGAGCTGTGGTAGCTGT  
 GATCTGGAGGAAGAAGCACTCAGATGGAAGGAGGGAGCTACGCTCAGGCTGCAACATGA

>GBEQ0157 |Acc|X80018|Ver|X80018.1 GI:728547|E.caballus MHCB3 mRNA.  
ATGAAGGTCACGGCGCCCGGAACCCCTCCTTCTGCTGCTCTCGGGGTCCTGGCCCTGACCGAGACCTGGG  
CGGGCTCCCACTCCATGAGGTTTTTTTACACCGTCGTGTCCCGGCCCGGCCGCGGGAGCCCCGCTTCAT  
CTCCGTCGGCTACGTGGACGACACGCAGGTCTCGCGGTTTCGACAGCGACGCCGCGAGTCCGAGGATGGAG  
CCGCGGGCGCCGTGGATGGAGCAGGAGGGGGCCGGAGTATTGGGAAGAGCAGACGCGGTGGGCCAAGGACA  
GCGCACAGAATTGCCGAGTGAGCCTGAACGACCTGCGCGGCGACTGGAACACAGCGAGGCCGGGTCTCA  
TACCTTACAGCTCAGGTTTGGCTGCGACGTGGGGCCGGACGCGCGCCTGCTCCGCGGTACAGGCAGTCG  
GCTTACGACGGCGCCGATTACATCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGCGGACACGGCGG  
CTCAGATCACCCGGCGCAAGTGGGAGGCGGCCGGTGTGGCGGAGCGCTGGAGGAACCTGGAGGGGCAC  
GTGCGTGGAGTGGCTGCTCAGACACCTGGAGAACGGGAAGGAGACGCTGCAGCGCGCAGACCCCCAAAG  
ACACATGTGACCCGCCACCCCATCTCTGACCGTGAAGTACCCTGAGGTGCTGGGCCCTGGGCTTCTACC  
CTGAGGAGATCACCTGTCTGGGAGCGTGATGGGAGGAGTGTGACCCAGGACACAGAGCTTGTGGAGAC  
CAGGCCCTTCTGGGGACGGGACCTTCCAGAAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGA  
TACACGTGCCATGTGCAGCACAAGGGGCTGCTGAGCCCGTGACCTGAGATGGGAGCCGCTCCTCAGT  
CCATCATCCCCATCATTTGCATCATTGCTGGCCTGGGTCTCCTTGGAGCTGTGGTGGCTGGAGCTGTGAT  
CTGGAGGAAGAAGCGCTCAGATGGAAGAGGAGGAGCTACACTCAGGCTGCAAGCAGTGACAGTGCCAG  
GGTTCTGATGTGTCTCTCAAGGCAGCTTGA  
>GBEQ0158 |Acc|X74344|Ver|X74344.1 GI:572678|E.caballus mRNA for colipase B.  
TTGGCCCTTCTGCTCGTCGCCCTTGCACTGGCCCTATGCAAGTTCCTGACCCCCGGGGAGTCATTATCAACT  
TGGAGGCGGGCGAGATCTGCATGAACAGCGCCAGTGAAGAGCGAATGCTGCCACCGGAAAGCAGCCT  
GAGCCTGGCCCGCTGCGCAGCCAAAGCCAGCGAGAACAGCGAGTGCTCTGCTGGACACTCTACGGGGTT  
TACTACAAGTGTCCCTGTGAGCGGGGCTGACCTGCCAGGTGGACAAGACCCCTCGTGGGCTCCATCATGA  
ACACCAACTTTGGCATCTGCTTCGATGCTGCCAGCTCCGAGGAGTGAAGCACCCTCCAGCCTTGCACC  
CAGGCCAGCAGCGCGAGGAGCGCTCCTCTGCCACCACTTCTCCCTGGCTGGCCGCTCCTCAGGACCAGCAT  
CTCCATCTCCTCATTGGGTTCTTGCAATTAAAGCCCTCCTGCAACCTTAAAAAAAAAAAAAAAAAAAA  
AAAAAA  
>GBEQ0159 |Acc|X75612|Ver|X75612.1 GI:488145|E.caballus mRNA for immunoglobulin kappa  
light chain.  
GCAAGATGATGTCGCTGACAAAGGTCCTTATATCTGTGTTGCTCTGGGTCTCAGGTGCCTGTGGGGACAT  
CGTGTGACCCAGTCTCCAGAGTCCTTGGCAGTGTCTCTAGGACAGAGGGTCGAGATGAAGTGCAAGGCC  
AGTCAGAGTGTAGCAGCCACTTAGCTTGGTACCAGCAGAAACCAGGACAGGCTCCTAAACAGCTCATCT  
ACAGTGCATCCAGCAGAGCGTCTGGGGTCCCTGACCGATTAGTGGCAGTGGATCTGGGACAGATTTAC  
TCTACCATCAGCAGCCTCCAGGCTGAAGATGTGGCCGTTTATTACTGTGCAATATAATAGTGCTCCA  
TACATGTTTCGGCCAAGGGACCAAGCTGGAGATCAAAAGGATGATGCTAAGCCATCTGCCTTCTATCC  
CACCGTCTTCTGAGGAGTTAAGCAGTGGAGTGCCTCTGTCGTATGCTTGGTGTATGGCTTCTACCCAG  
TGGAGCCACTATCAACTGGAAAGTGGATGGTCTTGCCAAAACAAGTAGCTTCCACAGCAGTCTGACGGAG  
CAGGACAGCAAGGACAACACCTACAGCCTCAGCAGACCCCTGACGCTGCCCAAAGCAGACTACGAAGCTC  
ATAATGTCTATGCCTGCGAGGTCTCCACAAGACCCTGAGCTCCCCCTGGTCAAGAGCTTCAATAGGGA  
AGATTGTTAGAGAGGCGCCGCCACAGGCCCATCGCCTGAGCCTCAGCCCCAGCCTCCCTTCTCCCTCAG  
GCCTTGGCCGTTTCCGAGAGACCTACCCTCATTGCAGTCTCCAGCCCTCTCCCACTTCAACCCCTC  
CCCTCTTTGGCTTTAATCATGCTAATATTTGGGGGGAAATGAAAAAATAAAGTGAATCTTTGCACCTGT  
G  
>GBEQ0160 |Acc|X78077|Ver|X78077.1 GI:459438|E.caballus mRNA CRTL1.  
CCCCCTCCCTTCCCTCCCTGAAGTGTGCATGAAGTGCACGTTAGGCTGTAATTAGGGGATCTGGGAGGAGAA  
CTTTCTAGTGACGCTTTGCTTTTCTTCTGCTCTTGGTGAGAAAGTGCCTCCTTCTTCCCAGGACCAGGA  
CCTCTGCCATCCAGCGCCACAAAGAGACATCTGCACACACACACTCACACACGCACACACACTTG  
CCCAGAGACAAACTTAAAGGTGAGGGGGGAAAGCGCTAGCTTCACTTCACTCTCCGGGCTCCAACTTCAGCA  
GGACTTGAGAGCATCTGCGCTTCTGGATTTCAAGAACAAGTGAAGAAGATTCTCTGGGTACAAAGATGAA  
GAGTCTACTTCTTCTGGTGCTGATTTCAATCTGCGGGGCTGATCACCGTTTACAGCAACTACACTCTAGAT  
CAGCAGAGAGTTATTCATCAAGCGGAAATGGCCCCGCTTACTCGTGGAGCAGAAACAAGCCAAAGG  
TGTCTCACATAGAGGTGGCAATGTTACACTGCCATGCAAAATTTCTTCGAGACCCTACAGCATTGGCTC  
AGGAACCCACAAAATCCGAATCAAGTGGACCAAGCTAACTTACAGATTACCTCAAGGAAGTGGACGTTTTT  
GTTTCCATGGGATACCAAGAAAACCTATGGAGGCTACCAGGGGAGAGTGTCTGAAAGGGAGGAAGTG  
ATAACGATGCTTCTTGGTGATCACAGATCTACCCTGGATGATTATGGGAGATATAAGTGTGAGGTGAT  
TGAAGGACTAGAAGATGATACTGCTGTGGTAGCATTAGACTTACAAGGTGTGGTATTCCTTACTTTCCA  
CGACTGGGTGCGTACAATCTCAATTTTACAGAGGCACAGCAGGCTTGTCTGGACCAGGATGCTGTGATTG  
CCTCCTTCGACCAGCTGTACGATGCCTGGCGGGGCGGGCTGGACTGGTGCAACGCCGGCTGGCTCAGCGA

TGGGTCTGTGCAGTACCCCATCACAAAGCCGAGAGAGCCCTGCGGAGGCCAGAACACAGTGCCTGGAGTC  
AGGAACACGCGGTTTTGGGATAAAGAAAAAGCAGATATGATGTTTTCTGTTTTACATCCAACCTCAATG  
GCCGTTTTTACTACCTGATCCACCCACCAAGCTGACCTATGATGAAGCGGTGCAGGCGTGTCTCAAAGA  
TGGTGCTCAGATTGCAAAAGTGGGCCAGATATTTGCTGCCTGGAACCTTCTGGGATATGACCGCTGCGAT  
GCGGGCTGGTTGGCGGATGGCAGTGTCCGCTACCCATCTCTAGGCCAAGAAGGCGCTGCAGTCCCACTG  
AGGCTGCAGTGCCTTCGTGGGGTTCCAGACAAGAAGCATAAGCTGTATGGTGTCTACTGCTTCAGAGC  
ATACAATTGAGCGTGCCCTAGCGCACGTCTGTTTTCAAGTCATTGAGAACATGTGAAAGTTTTATTTC  
AATATGAA

>GBEQ0161 |Acc|X74045|Ver|X74045.1 GI:399671|E.caballus mRNA for serum albumin.

ACAATGAAGTGGGTAAACCTTTGTTCCCTTCTCTTTCTCTTCAGCTCTGCTTATTCCAGAGGCGTGTGC  
GTCGTGATACACACAAGAGTGAGATTGCTCATCGGTTTAATGATTTGGGAGAAAAACATTTCAAAGGCCT  
GGTGCTGGTTGCCTTTTTCTCAGTATCTCCAGCAGTGCCCATTTGAGGACCACGTAAAAATTAGTGAAATGAA  
GTAACGTAATTTGCAAAAAATGTGCTGTGATGAGTCAGCTGAAAATTTGACAAGTCACTTCATACTC  
TTTTTGGAGATAAACTGTGTACAGTTGCAACTCTTCGTGCAACCTACGGTGAAGTGGCTGACTGCTGTGA  
AAAACAAGAACCTGAGAGAAATGAATGCTTCCTGACACACAAGATGATCACCCGAACCTCCCAAGCTG  
AAACCAGAACCGGACGCTCAGTGCGCCGCTTCCAGGAAGATCCAGACAAGTTCTGGGAAAATACCTGT  
ATGAAGTTGCCAGAAGACATCCTTACTTTTACGGCCAGAACTACTTTTCCAGCTGAGGAATATAAAGC  
AGATTTTACGAATGCTGTCCAGCTGATGATAAGCTGGCCTGTCTGATACCGAAGCTTGATGCTTTGAAG  
GAAAGAATACTGCTTTCATCTGCCAAAGAGAGACTCAAGTGTCTCCAGTTTCCAAAATTTTGGGGAGAGAG  
CTGTCAAAGCATGGTCAGTAGCTCGCCTGAGCCAGAAATTTCCCAAGGCTGACTTTGCAGAGGTTTCCAA  
GATAGTGACAGATCTTACCAAAGTCCACAAGGAATGCTGCCAGGTGACCTGCTTGAATGTGCCGATGAC  
AGGGCGGATCTTGCCAAGTACATATGTGAACATCAAGATTCATCTCTGGCAAACGAAAGCATGCTGTG  
ATAAACCTTTGTGCAAAAATCCCACTGCATTGCCGAGGTGAAAGAAGATGACCTGCCTAGTGACCTGCC  
TGCATTAGCTGCTGATTTTGTGTAAGATAAGGAATCTGCAAACTATAAGGATGCCAAAGATGCTTTC  
CTGGGCACGTTTTGTATGAATACTCAAGAAGGCATCCTGATTACTCCGTCTCCTTGCTGTTGAGAATG  
CCAAGACATATGAAGCCACGCTGGAGAAGTGTGTCGGGAGGCCGACCCTCCTGCGTGCTACCGCACAGT  
GTTTGATCAGTTTACACCTCTTGTGGAGGAGCCTAAGAGTTTAGTCAAGAAAACTGTGACCTTTTTTGAA  
GAGGTTGGAGAGTATGACTTTCAAATGCGCTCATAGTTGTTTACACCAAGAAAGCACCCAGGTGTCAA  
CTCAAACCTCTCGTGAGATTGGAAGGACCCTGGGGAAAGTGGGCAGCAGATGCTGTAAACTTCTGAAATC  
AGAAAGATTGCCCTGTTCTGAAAACCATCTGGCCTTGCCCTGAACCGGTTGTGTGTTGCATGAGAAG  
ACACCAGTGAGTGAGAAGATTACCAAATGCTGCACGGATTCTTGGCGGAAAGACGGCCATGCTTTTTCTG  
CTCTGGAACCTCGATGAAGGATATGTTCCCAAAGAATTTAAGGCTGAAACATTCACCTTCCATGCAGATAT  
ATGCACACTTCTGAAGATGAGAAACAAATCAAGAAACAATCTGCACTTGCTGAACTGGTGAAACACAA  
CCCAAGGCAACAAAAGAACAACTGAAAACCTGTCTGGGAAATTTCTCAGCCTTTGTAGCCAAGTGCTGCG  
GACGTGAGGACAAAGAGGCTGCTTTGCTGAGGAGGGTCCAAAACCTTGTGCTTCGAGTCAACTTGCCTT  
AGCCTAAAAACACGCAATCACGAGCATCTCAGCCTACCTTGAGAATAAGAGAAAGAAAGGGAAATGAAG  
ACCCAGAGCTTATTCATCTGTTTTATTTTCTGTTGGTGTAACCAACACTCTGTCTAAAAAACACAA  
ATTTCTTTAAACATTTTGCCTCTTTCTCTGTGCTGCAATTAATAAAAAAATGAAAACAATCTAACATA

>GBEQ0162 |Acc|X71809|Ver|X71809.1 GI:297895|E.caballus mRNA for MHC class I heavy chain.

GCGGGTCGTGATGCCGCAACTTTCCCTCCTGCTGCTCTCGGGGACCCTGACCCTGACCGAGACCTGGGCA  
GGCTCCCACTCCATGAGGTATTTCCCTACCGCGGTGTCCCGGCCGCGCGGGAGCCCCGCTTCATCT  
CCGTCCGATACCTGGACGACACGAGTTTCGTGCGGTTTCGACAGCGACGCCGCGAGTCCGAGGATGGAGCC  
GCGGGCGCGGTGGATGGAGCAGGAGGGGCCGAGTATTGGGAGCGGAACACGCGGACCGCAAGGACAAC  
GCACAGGCTTTCCGAGTGAGCCTGAACAACCTGCGCGGCTACTACAACAGAGCGAGGCGGGTCCCACA  
CTCTCCAGAGGATGTATGGCTGCGACGTGGGGCCAGACGGGCGCCTCCTCCGCGGTACAGTCAGTTCCG  
CTACGACGGCGCTGAGTACATCACCTGAACGAGGACCTGCGCTCCTGGACCGCTGCGGACGCGCGGCT  
CAGATCTCAAACGAAAGAAGGAGGAGCGGTGATGCGGAGAATGACAGGGCCTACCTGGATGGGGAGT  
GCGTGGAGTGGCTCCTCAGATACCTGGAGAACGGGAAGAAGATGCTGCAGCGCGTGGACCCCCCAAGAC  
ACATGTGACCCACCAACCCATCTCTGACCATGAGGTGCTGAGGTGCTGGGCCCTGGGCTTCTACCTC  
CTGACGCTGCTGATCTGCAAGAGGAAGCGCTCAGGTGGAAAGAGGAGGACCTGACCCAGGACCGGAGTTTGTGGAGACCA  
GGCCTGCAGGGGACGGGACCTTCCAGAAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGCTA  
CACGTGCCGTGTGCACACGAAGGGCTGCCTGAGCCCGTACCCCTGAGATGGGAGCCACCTTCTCAGCCC  
ACGATCCCCCTCGGTGGACCTCATTGCTGGCCTGGTTTTCTTGGAGCTGTGGTCATTGTGCTGTGGTGG  
CTGCAGCTGTGATCTGCAAGAGGAAGCGCTCAGGTGGAAAGAGGAGGAGTACGCTTAGGCTGCAAGCAG  
TGACAGTGCCAGGGCTCTGACGTGTCTCTACGGATCCTAAAGTGTGAGCTGCCTTGTGCGGGACTGAG  
TGATGCGAGATTTGTTCAGCTCCTACCTTGTGACGTCAAGAACCTCTGACTGCTTTTTCTGCAGCTGGC  
ATCTGAGTGTGTCTGCGTTCTGTTAGCATAGTGAGGGGAGGTGGGGAGACTGGCACACTCCCCACCCAC



CACGACACCTTCCCCACTCTGACCTGTGTTTTTGCCTTGATGACTTCCTTGTTCAGCGGAGGTGGTGC  
TGGGCGCTCTCCATCCCTGTCTTAATTTCTGTGTACCGAGTAGTAATGATTGCTTCTTATTGAAAA  
TGTGAGTCCAGATATGAATTTGTTTTCTAATCTTGTGTCATAAGGGATTGTTGTGTTAATTAAAGGAGA  
AATTTCTAAAGTTTGAGAGAGGAAATAAATGGAAGCATTGAGAACCTTCTAGAATCCAAAAAA  
>GBEQ0163 |Acc|X69393|Ver|X69393.1 GI:1076|E.caballus mRNA for interleukin-2 precursor.  
ACTACTCACAGTAACCTCAACTCCTGCCACAATGTACAAGATGCAACTCTTGGCTTGCATCGCACTAACT  
CTTGCACTCTTGCAAACAGTGCACCTACTTCAAGCTCTAAGAGGAAACACAGCAACAACCTGAAGCAAT  
TACAGATGGATTTAAAGTTGCTTTTGAAGGAGTTAATAATAACAAGAATCCCAAACTCTCCAAGATGCT  
CACATTTAAATTAACATGCCCAAGAAGGCCACAGAATTGAAACATCTTCAGTGTCTAGAAGAAGAACTC  
AAACCTCTGGAGGAAATGCTAAAAAACTTTCTCTCGAAAGATATCAAGGAATTAATGAGCAATATCAATG  
TAACACCTTCTGGGACTAAAGGGTCTGAAACAAGATTACATGTGAATATGATGATGAGACAGGAACAAT  
TGTAAGATTTCTGAACAAATGGATTACCTTTTGTCAAAGCATCTTCTCAACAATGACTTGATAATTAAGT  
GCTTCCCATTTAAATGCATCAGGTATTTATTTAAATATTAATAATTTATATTTATTTTTTGAATTTATG  
GTTTGTACCTTTTGTAACTGTTAGTCTTCGGATGATAAATATGGATCTTTTAAGATTCTTTTTGTAGC  
CC  
>GBEQ0164 |Acc|X66218|Ver|X66218.1 GI:1063|E.caballus mRNA for pancreatic lipase.  
TGGACACTTTTCGCTGCTGCTGGGAGCAGTAGTAGGAAACGAAGTTTGCTATGAGAGACTCGGCTGCTTCA  
GTGACGATTCGCGCTGGGCGGGGATTGTGGAAGACCTCTCAAATATTGCCCTGGTCTCCAGAAAAGGT  
CAACACCCGCTTCCCTCTGTACACTAACGAGAACCAGACAACCTTTCAAGAAATCGTTGCAGATCCCTCA  
ACTATCCAGAGCTCCAATTTCAACACAGGTAGAAAAACCCGCTTTATTATTTCATGGATTATAGACAAGG  
GAGAAGAAAGCTGGCTGTCCACTATGTGCCAGAACATGTTAAGGTGGAAAGTGTGAAGTGTATCTGTGT  
GGACTGGAAAGTGGCTCCCGCACCGCATACTCACAGGCTTACAGAACGTCCGGATTGTGGGGGACAGAA  
GTGGCATATCTTGTGGAGTTCTTCAGTCACTATTTCGACTACTCTCCTTCCAACGTCCACATCATTTGCC  
ATAGCCTGGGTCTCACGCTGCTGGGAGGCTGGAAGGAGGACCAATGGGGCCGTGGACGGATCACAGG  
GTTGGATCCAGCTGAACCTTGTCTCAGGGCACACCCGAATTAGTCCGATTGGACCCAGCGATGCCCAA  
TTTTGTGGATGTAATTCACACAGACATTGCCCCCTTCATCCCCAACTTGGGGTTTGAATGAGCCAACTG  
CAGGCCACCTGGATTTCTTTCCAAATGGAGGAAAAGAAATGCCCGGATGTCAAAGAACGTTCTCTCTCA  
GATTGTTGACATAGACGGGATCTGGCAAGGAACCTCGTGACTTTGCGGCCTGTAATCACTTAAGAAGCTAC  
AAGTATTACACTGATAGCATCCTCAACCCCTGATGGCTTTGCTGGATTCTCTTGTGCTCTTACAGTGATT  
TCACTGCAACAAGTGCTTCCCTGTTCAGTGAAGGCTGCCACAGATGGGTCAATATGCTGATAGATT  
TCCTGGGAGAAACAAAAGGAGTGGGCCAGCTATTTTATCTAAACACCGGTGATGCCAGCAATTTTCCCGT  
TGGAGGTATAGGGTAGATGTCACTGTCTGGAAGAAGGTTACAGGACACGTGCTAGTTTCTTTGTTT  
GAAATAAAGGGAACTCTAGGCAGTATGAAATTTTCCAGGGCACTCTCAAACCAGACAATACTATTCCAA  
TGAATTTGACTCAGATGTGGAAGTTGGAGATTTGGAGAAGGTTAAATTTATTTGGTACAACAATGTGATC  
AACCTAATCTACCCAAAGTAGGAGCATCCAAGATCAGATGGAAGAAACGATGGAAGTGTGTTCAACT  
TCTGTAGTGAAGAAACCGTGAGGGAAGATGTTCTGCTCACTCTCACTGCGTGTAGGAGCTGCTGACATG  
TGACCATTGAATCTCCCTGCTAATAAATCTACTGGTGAAGCA  
>GBEQ0165 |Acc|X66862|Ver|X66862.1 GI:1059|E.caballus mRNA for lymphocyte surface antigen precursor CD44.  
TCTAAAGCGGGACCCCCAGCTCCACTGGCTCGGCTTCGCCGTCGCTCCACACCATGGACAAGTTTTGGT  
GGCGCGCAGCCTGGGGACTCTGCCCTCGTGCCGCTGAGCCTGGCGCAGATCGATTTGAACATAACCTGCCG  
ATACGCAGGGGTATTCATGTGGAGAAAAATGGCCGCTACAGCATCTCGCGGACGGAGGCCGCGGACCTG  
TGCAAGGCTTTTCAACAGCACCTTGCACCATGGCCAGATGCAGAAAGCACTGAACATTTGGCTTTGAGA  
CCTGCAGGATCGGGTTCATAGAAGGGCACGTGGTTCATCCCCCGATCCACCCCAACTCCATCTGTGCCGC  
CAACAACACGGGCGTGTACATCCTCAGTCCAACACCTCTCAGTACGACACCTATTGCTTCAATGCCTCA  
GCTCCGCCCCGAAGAGACTGCACCTCGGTTCACAGACCTGCCCAACGCCTTCGAGGGACCCATTACCATAA  
CTATGCTTAACCGTGTATGGCACTCGCTACACCAAGAAGGCGAGTACAGAACTAACCTGAAGGATCAAA  
CCCCAGCACCCCTGCGGATGACGACGTGAGCAGTGGGTCTCCAGCGAAAGAAGCACTTCAGGAGGCTAC  
AGCATCTTCCACACCACCTTCCAACCACTCGCCCCACCCAAGACCAGAGCAGTCCCTGGGTGTCTGACA  
GCCAGAGAAGACTCCCACTACCAAAGACCGAGCCTTGGCGGGAGGGGCCAGACCACCCACGGATCTGA  
AACAAGTGGACACTGATGGGAGTCAAGAAGGTGGGGCAAGCACAACTCGGGTCCCATACGGAGACCT  
CAAATTCAGAAATGGCTGATCATCTTGGCGTCCCTCCTGGCCCTGGCTCTGATTCTCGCAGTTTGCATTG  
CTGTCAACAGTCAAGAAGGTGTGGACAGAAGAAGAAGCTGGTGATCAACAATGGCAATGGAGCTGTGGA  
CGACAGAAAGGCAAGTGGGCTCAATGGAGAGGCCAGCAGTCTCAGGAGATGGTGCATTGGTGAACAAG  
GAGTCGTGAGACCCCAAGACAGTTTATGACAGCCGACGAGACAGGAACCTGCAGAAATGTGGACATGA  
AGATTGGGGTGTAGCACCTGCACCTTGACCTTGAACAAACCACAGTCAGAGACAGACAATCACAGGGGG  
CTGGGACATTTACAGATGTGATGTGCTACTGACTGCTTCATTCGGGTCTTTTTTTAACAATAAATTTT

CCGCCGCTGCGGGACCGTCAGCCGCGCGCCGCTTCGCCATGGAGCAGCTGAGCACAGCCAAACCCAC  
TTTGCGGTGGACTTGTTCCGCGCTTTGAATGAGAGCGATCCTACTGGAAACATCTTCATCTCTCCCTAA  
GCATTTCCTCAGCGACTGGCCATGATCTTTCTGGGGACCAAGGCAACACGCGGCACAGGTGTCCAAGGC  
ACTTTATTTGACTGCTGTTGAGGATATTCATTCAAGATTTTCAGATCTGAATGCTGATATCAACAAACCT  
GGAGCTCCCTATATTCTGAAACTCGCTAATAGATTATATGGAGAGAAAACTATAATTTCCTCGCTGATT



TCTTAGCTTCAACTCAGAAAATGTATGGTGTGAATTGGCCAGTGTGGATTTTCAGCAAGCCCCCTGAAGA  
 TGCAAGAAAGGAGATAAATGAATGGGTCAAAGGACAGACAGAGGGGAAAATTCGGAACTGTTGGTCAAG  
 GGTATGGTTGATAACATGACTAACTTGTACTGGTGAATGCCATCTACTTCAAGGGAACTGGCAGGAGA  
 AATTCATGAAAGAGGCCACCAGAGACGCCCCATTCCGATTGAATAAGAAAGACACAAAAACCGTGAAAAT  
 GATGTATCAGAAGAAGAAATTTCCATACAACCTACATCGAGGACCTCAAGTGCCGTGTGCTGGAGCTGCCT  
 TACCAAGGCAAAGAGCTCAGCATGATCATCCTGCTGCCAGACGACATTGAGGATGAGTCCACGGGCCTGG  
 AGAAGATTGAGAAACAGTTGACTTTGGAAAACTGCGTGAGTGGACCAAACCTGAGAATCTGTATCTCGC  
 TGAAGTCAATGTCCACTTGCCAGGTTCAAGCTGGAAGAGAGCTACGATCTCACCTCCCATCTAGCCCCG  
 CTAGGTGTACAAGACCTCTTTAACAGGGGCAAAGCTGATCTGTCTGGCATGTGAGGGGCCAGAGATCTTT  
 TCGTATCGAAAATTATCCACAATCCTTTGTGGACCTGAATGAGGAGGGTACAGAGGCTGCGGCAGCCAC  
 AGCAGGCACGATCATGCTTGCCATGCTGATGCCAGAGGAAAATTTCAATGCCGACCATCCATTCAATTTTC  
 TTCATTGCGCACAAATCCCTCAGCTAACATCCTGTTCTTAGGCAGATTTTCTTCCCCCTAGAGAAGGTGGA  
 AGTACAAGGTGAAGCTTAAGCTTAGAGCTTTATTACCTGCTAGTATTATTACCATTACTTTTAATAGTGA  
 CAGTTTTTCATATATTTTTACCAATAAACTACTACTATCCAAAAACAAATCTTTAATTTCTTTGTAAAT  
 GTCAGCTCTATTGGCTGTTGCACCCCTTAACCTTTTGCCTTTTATGTTGAAAAAATCTAGTTATTGCTT  
 TTGGATGCATCAAGTTAAAAAATAAAAAAGACTAAATCAAATTTATAGATTCTTGATAATGCAGTAAGCTA  
 TGAAGCTACTATACTCTCCTGATAGTGTGGAACATTATAGTACTGTAATTATTTACTAGATAGACTTTTG  
 GAAGCCATAATAGAGACGCTCTGATTGTTGAAGGAAGGGCTTAAAAACAGATATTTCAATTGAAATATAGT  
 AAAGCACCCCAATTAAGGCCTGGGTTGTGCAGACAACTCGTCTTGGCCGTTGTTTCTAACCCCTTTGTTT  
 CACAGGGTTAGTGTCTTAGGCAGCACTCCAAATTTCAAACCTGTTAGCCACCTGGTGATACCCCGCCTTCTC  
 TTTTTGTTCTCCTTTATCCTACCTGACATGTATTTTGTGTAGGATCACATGGGGTTCAGAAAGTAGGTGT  
 TCTATCATAAAGATACCAAGAACGACAAAAGGAAATGCGTAGGAGAGACTGTAGCAAGGGCACAAGATC  
 TCACTGTTACCCAGCTTCTTGCGTTTCTGATGAAGGCTCTTGCCCTCCATTGTCTGGTAAGGTTGTTAC  
 ACCAGTGCGATGGCTTTATGCAATGTTGTGGTGGGAGATGGGGGGGTTCTTTTATTAATATAAACCTTTG  
 TCAAATGTTTGAATGGGGCTGAAAATGCTGCATTTTCTTGCTCCCAAAAGCTGGTATGCTGGTTAATAA  
 AGTTTCTTAAGATTCTGCA

>GBEQ0170 |Acc|U51789|Ver|U51789.1 GI:1262915|Equus caballus thyrotropin beta chain (TSH-  
 beta) mRNA, complete cds.

GCATGACTGCTATCTTCCTGATGTCCATGGTTTTTGGCCTTGCAATGTGGGCAGACAATGTCTTTTTGTAT  
 TCCAACTGAGTACATGATGCATGTGCGAAAGGAAAGAGTGTGCTTATTGCCTCACCATCAACACCACCATC  
 TGTGCTGGATATTGTATGACACGGGATATCAATGGCAAGCTGTTTCTTCCCAAATATGCTCTGTCCCAGG  
 ATGTTTGTACATATAGAGACTTCATGTACAAGACTGTAGAAATACCAGGATGCCAGACCATGTTACTCC  
 TTATTTCTCCTACCTGTAGCTGTGAGCTGTAAGTGTGGCAAATGTAATACTGACTATAGTGACTGCATA  
 CATGAAGCCATCAAGGCAAACCTACTGCACCAAACCTCAGAAGTCTATGTGGTGAATTTTCTATCTAAC  
 TTCAATAGTGATGTAATTTG

>GBEQ0171 |Acc|M95410|Ver|M95410.1 GI:435020|Equus caballus thoroughbred pcDNA1-1/29 (#  
 0834) major histocompatibility complex class I alpha chain mRNA, complete cds.

GATGCCGCCAACCTTCTCCTGCTGCTCTCGGGGTCCCTGACCTGACCGAGACCTGGGCGGGCTCCCAC  
 TCCATGAGGTATTTCTACACGGCGTGTCCCGGCCCGCGCGGGGAGCCCCGCTTCATCACCGTCGGCT  
 ACGTGGACGACACGCAGTTCTGTCGGTTTCGACAGCGACGCCGCGAGTCCGAGGATGGAGCCGCGGGCGCC  
 GTGGATGGAGCAGGAGGGGCCGAGTATTTGGGAGCGGGAGACGCGGAGCGTCAAGGGCCACGCACAGACT  
 TTCCGAGTGAACCTGAACACCTTGCGCGGCTACTACAACAGAGCGAGCCGGGTCTCACACCTCCAGT  
 TGATGTATGGCTGCGACCTGAGGCCACACGGGCGCGCCTCAGCGCATCCTTTCAATACGCCTACGACGG  
 CGCCGATTACATCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGCGGACACGGCGGCTCAGATCACC  
 CGCGCAAGTGGGAGGCGCGCGGAGCGGCGGAGGACTTCAGGAATACCTGGAGGGCCGGTGGCTGGAGT  
 CGCTCCGAGATACCTGGAGAACGGGAAGGAGACGCTGCAGCGCGCAGATCCCCAGAGACACACGTGAC  
 CCACACCCCCATCTCTGACCGTGAGGTACCCCTGAGGTGCTGGGCCCTGGGCTTCTACCCCTGCGGAGATC  
 GCCATAACCTGGCAGCGTGATGGGGAGGACGTGACCAGGACACGGAGCTTGTGGAGACCAGGCCTGCAG  
 GGACGGGACTTCAGAAGTGGGTGGCTGTGGTGGTGCCTTCTGGGGAGGAGCAGAGATACATGTGCCATGT  
 GCAGCACGAGGGGCTGCCCTGAGCCTGTACCCGAGATGGGAGCCTCCTCAGTCCACCCTCCTGTATC  
 GTGGGCTCCTTGTGCGCTGCTTCTCCTTGTGCGTGTGGTGGCTGGAGCTGTGATCTGGAGGAAGAAGC  
 ACTCAGGTGAAAAAAGAGGGATTTACGTGCAGGCTGCAAACAGTGACAGTGCCCAAGGCTCTGATGCGTC  
 TCTCACTCAGAAAGTGTGAGACAGTGGCCCTGTGGGAGACCAAATGATGCAAGATTTGTTACGCTCCCA  
 CTTTGTGACTTCAGATGCCACACTTCTCTTTCTGAGCTGGCATCTGAATGTATGTGTGGTCTCTGTAG  
 CATAGTGAGAGGAGGTGGGAGACTGGCCACCTCTGCCACACACGACTCCCTCCCAACACTGACCTT  
 TGTGCTTTCCCTGATCTAATGTCCTGTTCCAGCAGAGGTGGGGCTGGGCGGGCTCSCTCCNGTCTTAAC  
 TTCCTGTTGCACTGAGTAGTGATCATTTGCTTCTTACTGAAAATAGAAATCCAGATATGAATTTTCTA

ATTCTTGTCTATAAGAGATTGATGTGTTAATTAAAGAAGAAGATTCTTAAAGTTTGAGAGATAAAATAAAT  
 GGAAGCACTGAGAACCCTCCAG  
 >GBEQ0172 |Acc|U15150|Ver|U15150.1 GI:555992|Equus caballus IgE heavy chain mRNA, partial  
 cds.  
 CCTCTAAAGCGTGAATCTCATCTGCAAGAACATGAATCACCTGTGGTTCTTCTCTTTCTGGTGACCGCC  
 CTACATGTGTCTGTCCCAGGTGCAGCTGAAGGAGTCGGGACCTGGCCTGGTGAAGCCCTCGCAGACCCCT  
 GTCCCTCACCTGCACCTGTCTCTGGATTATCTTTGAGCAGTAATTCTGTAGGCTGGGTCCGCCAGGCTCCA  
 GGAAAAGGGCTGGAGTGGGTGGTTTTAGATCTGGTGGTGAGGAGGAATACTACAACCCAGCCCTGAAGT  
 CCCGAGCCACTATCACCGAGGACGCCGCGAAGAGCCAAGTTTATCTGGACGCTGAACAAGTGACAGGCGA  
 AGCAACGGCCGTCTATTACTGTGCAGAAGTTTATAACAACACTACCTTTATTACGGTATAAAGGAAGTGGG  
 GCCAGGGGACTTCTGGTCAACGCTCTCTTCACTCTCCAAGCAAGCCCCATTAATCTTTCCCTTGGCTGCCT  
 GCTGCAAGACACCAAGACTACTAACATCACACTGGGCTGCCTCGTCAAGGGCTACTTCCCGGGAGCCTG  
 GGATGCAGGGCCCCCTTAACCCGAGCACCATGACCTTCCCTGCCGTCTTTGACCAAACCTCTGGCCTCTAC  
 ACCACCATCAGCAGGGTGGTGCCTCGGGGAAGTGGGCGCAAGCAGAAGTTCACCTGCGGCGTGGTGACCT  
 CCCAGGAGACCTTCAACAAGACCTTCAACGCATGCATCGTGACCTTCAACCCACCCACCGTGAGCTCTT  
 CCACTCCTCTGCGACCCCGGCGGCGACTCCCATAACCATCCAGCTCCTGTGCCTCATCTCCGACTAC  
 ACCCTGCGGACATCGACATCGTTTGGCTGATAGAAGGGCAGAAGGTCGACGAGCAGTTCCCTACACAGG  
 CCTCGATGAAGCAGGAGGGAAGCTGGCCTCCAACACACAGCGAGCTCAACATCAACAGGGCAGTGGGC  
 GTCCGAAAACACCTACACCTGCCAGGTTACTTACAAAGACATGATCTTTAACCAGGCCCGCAAGTGCACA  
 GAGTCTGACCCCCCGGTGTGAGCGTCTACCTGAGCCCGCCAGCCCCCTGACCTGTACGTCTCTAAAA  
 CGCCCCAAGATCACCTGCCTGGTGGTGGACCTGGCCAACGTGCAGGGCTTAAGCCTGAAGTGGTCCCGGGA  
 GAGCGGGGAGCCCCCTGCAGAAGCACACACTGGCCACCAGCGAACAATTAAACAAGACATTCTCAGTCACG  
 TCCACCCCTGCCTGTGGACACCAACCGACTGGATCGAGGGCGAGACTTACAAGTGCACCGTGTCCACCCAG  
 ACCTGCCAGGGAAGTCTGTGCGCTCCATCGCCAAGGCCCTGGCAAGCGTTTGTCCCCGAGGTCTACGT  
 GTTCTGCGCCTGAGGAGGACAGAGCTCCAAGGACAAGGTCACCTCACCTGCCTGATCCAGAACTTC  
 TTCCCGCGGACATCTCCGTACAGTGGCGTCTGTAACAATGTCTTAATCCAGACAGACCAGCAAGCCACCA  
 CACGCCCCCAAAAGGCCAATGGCCCCGACCCCGCCTTCTTCTCTTACAGCGCTAGAGGTACAGCGGGC  
 GGAATGGGAGCAGAAGAACAATTTGCTGCAAGGTGGTCCACGAGGCGCTGTCCAAAGGACCTCCAG  
 AAAGAGGTGTCCAAAGACCTGGTAAATGATGCCCTGTGCCCGCGCCTGCCACCCCTCCAGGGCTCCC  
 TCCTGCTGGGGTGGAGGTGGGGGCCAGCCAGACCTGCTCCGGTCATTGTTCTGTTGTCAATAAACACTCCG  
 GTGCCCTGCT  
 >GBEQ0173 |Acc|L38393|Ver|L38393.1 GI:1041062|Equus caballus (clone G1) T cell receptor  
 gamma (TCRG) mRNA, C region.  
 GCACGAGAACATAATGACTGGGGTTGACCAAGAGATTCTTAGCTCCCCAACAGAAGCACAGTGGTGTCC  
 CTGTTATTATTCTCAGAAAAGCTTGTCCGAAAGAAGAAAGCTCCCCTCTGCAGCTGCAGTCAGCAACGTA  
 CTAATACTCTCTGCTATTACACCTACCTCTCTCTCTCAAGAGTGTGCCATCTACTTGCCATCATTTGC  
 CTTTCGTCTGTTTCAGGAGAAACAGAAGACTGTGGACATGGAAACAGTTTGTAAACAGATCGGTGGCAGAAGG  
 AAGTCAACTGGTCTTCATTTATGTTCTTAAAGGTACCCTGAGGATCTAGCGGGCTTCTTTTGGTTGGTAT  
 TTAGTTACACTGTGTACCTTTTGTATGTATGTCATATGTGTAAATGTTTCAACACGGGCAACAGAAATGTACTCT  
 GTAACAACAATGAATTCTGCCATCCTCAGCNAGGGCCTACGGGTAGTCTTTTAGCACCCTGTCTCCATG  
 ATCTCCATCAGCTCCTCTGGCAACCCAAATAAGCATGCCCTCCGAGTACAGACAGCAGCGGGCTTCTAGT  
 CACATCCTTAGGGCCATTTACCAGAACCGCCTTGAAGCGTGCATTTTACACATCCTGAACCTGACACTT  
 TTGCTACTTGAATTCTGAGCTGTGTTTTTTGTAATACACAATCTCGTGCC  
 >GBEQ0174 |Acc|L38392|Ver|L38392.1 GI:1040676|Equus caballus (clone Gorig) T cell  
 receptor gamma (TCRG) mRNA, VDJ region.  
 ATTTTCTTCTTCAATTGCTGAAATAAAGCTCCATAAGGCTGGAACATATCTTTGTCTTCTTGAGAAAT  
 TCTTCCCTGAGGTATTAAAGATCTATTGGAAAGAAAAGGATGGCAATACAATCCCGCAATCCAGCAGGA  
 AATACCATGGAAGACTGATAACACTTACATGAAATTCAGCTGGCTGACCGTGACTGGAAAGTCAATGGAT  
 AAAGAACACAAATGTGTTGTCCAACAGAGAAAATAAAGACTGGGGTTGACCAAGAGATTCTTTTCCCAT  
 CAGTGAATGAAGTTCTCAACTCAAGTCTCCCTGATACTCCTTCTACAGAAGCTTCGGCCAGTACAGGAA  
 CGTGAGTCCCTGTCTAATAATACCACAAAACGTTGTGCGGAAAGATGAAAGCAACACTGTGCAGATCCAGT  
 CACCAGCATACTAGTACTCTCTATGGCTCCTACCTCCTGCTACGCGTCAAGAGTGTGGTCTACTTGCCAT  
 CATTTGCCCTCTTGTGTTTAGGAGAAGCGGTCTGTGGTGATGGAAAGAGTTCGTAACAGATCGGTGGCAC  
 AATGAAGTCAACATTTATCATCATTTTTTCTGGATTGTCTCCTGAGCATAAGTGGGGCTTCTCTCTGGGT  
 TAGTGTATGTAGTCACATGTGTACTAGTCTGTATAGTACATATCTGTGATGGTTTTCATAGCTGAACCGAC  
 ATTTTCTGTAAACAGCAATGAATTCTGCCATTACTTACTTAGTGCAGCCAGTCTGCTCTTAGCACCAAGC  
 TATCTGAATGATCTCCATCAGCTCCTCCAGCAACCCGATAACCATGCCTTCCAGGTAGAGACGGCATGCA

GCTCTAGTCACATCCTGTAGGGCCACGTGACCAGATGACCACCTTGAACCCCTCCATTTTACACATCCTG  
AAGCCACCATCGCTGTTAGTTGAATTCATATTTTGTTCCTCGTGCCGAATTCCTGCAG  
>GBEQ0175 |Acc|L38383|Ver|L38383.1 GI:1040663|Equus caballus (clone A55) T-cell receptor  
alpha chain mRNA, C-region.  
CCGTATATCACGGACCCGAAGCCCTCCGTATACCAGCTGAGAAACCTAAATCCAGCGATACTTCCATCT  
GCCTATTCACCGATTTTAAATCTGAAGATAAAGGGAATTCAGAAAAGAAGGAGTGCTTCTTCTTCAACA  
GTCTACGCTGGACATGAAGGTCATGAATTTCAAGAGCATGGATGGCCTGGCCTGGAGCAAGACATCTGAC  
TTTACATGCATGAACAAGATAGAGTTCTACTCCAGCTCAAATATTCTGTGATGCCAGTTGACAGAGA  
AAAGGTTTTGAACAGATATGGATCTCAACCTCCAAAACCTGTCACTGATTGGGTTCCTCGATCTCTTCCT  
GAAAGTGGTTCCGGCCTTTACTGTCTGACACTGCGGCTGTGGTCAGCTGAGGTCGCCAAGATGTGAGAG  
CCAGTCTCCTCACTCTTGACTCTTCGAACCTTTGACCTTTGAGCAAGAGATTGAAGCCAGGTCTCCTATC  
TGCTCTGCACCTCTTCTCTTAGAAGCAAGAGACCTCTGCGAGGGGAAAAGCTCCTCGCCTCTCTGGCCC  
ACTGCAACCACTACAGATCTACAGGATATCTGTGATCAAGATGCTGAAGAGCTGCCAAACACTGCTGC  
CACCCCTCTGTTCCTCACTGCTGCTTGTCACTGCCTGACATTCAGCAAGGTCGGGGCTGCTGCAG  
CCTCTCCTGGCTGTGGAGGAACCTCTGCCCTCCCAAGAGACCGCCTCTGTTCCCACTGGATGATGGATC  
CCCCATGGTTTCTTGTGAGCTCTAGCTCCCGGAGAATGTTGTGAGAAGTTTATATTTTCAATAGTGTCA  
TAAAGAAATACATATCACCCCTTTTCCCAAGATGGGGAAAATATCTCATTATCTAGGCCCTGCTATGC  
TGTGTATGTGAACCACATTGTATATTCTGCGCCCATGGCTTCATTAATA  
>GBEQ0176 |Acc|L46797|Ver|L46797.1 GI:1048720|Equus caballus clusterin mRNA, complete  
cds.  
GCCAGCAGGAGCTCACCGGCGCGGGCCGCGGACCGAATCGTGCTAGGATTCCAGAATTGGAGGAGGAGG  
CAAGATGAAGACTCTCTGCTGTTGGTGGGGCTGCTGCTGACCTTGGAGAATGGACAGGTGCTGGGAGAC  
AAGGCAGTGTCTAGACAGAGAGCTCCAGGAAATGTCCACGCAGGGGAGTAACATTAATAAGGAAATTA  
AAAATGCCCTCAAGGGGTGAAACAGATAAAGAACCTAATAGAACAACAAACGAAGAGCGCAAGTCGCT  
GCTGGGCACCTTAGAGGAAGCCAAGAAGAAGAAAGAGGGTGCCTTAAATGATACTAAGGATTCTGAAATG  
AAGCTGAAGGAGTCCCAGGGGGTGTGCAATGAGACCATGACAGCCCTCTGGGAGGAGTGCAAGCCCTGCC  
TGAAGCAGACCTGCATGAAGTTCTACGCACGTGTCTGCAGAAGCGGCTCGGGGGCTGGTTGGCCACCAGCT  
TGAGGAGTTCTGAACCAGAGCTCTCCCTTCTACTTCTGGATCAACGGTGACCGCATCGACTCCCTGCTG  
GAGAACGACCGGCAGCAGACCCACGTACTGGACGTCTATGCAGGACAGCTTCGACCGGGCTCCAGCATCA  
TGGACGAACTTTTCCAGGACAGATTCTTACCCCGCAGAGCCCCAAGATACTTACTACTCTCGCCCTTCAG  
CTCACCCACAGGAGGTCTCTCTTATTCAACCCCAAGTCCCGCTTCGCCCCGAACATAATGCATTTT  
CCCATGTACCGCCACCTGAACCTCAACGACATGTTCCAGCCTTCTTTGACATGATCCACCAGGCCCCAAC  
AGGCCATGAATCTGCACCTCCACAGACTTCCCAGCAGCTCCCATGACGGAATTCAGAGAGGAGACAA  
CCATGACCGCACCGTCTGCAAGGAGATTCTGCACAACCTCCACGGGATGCCTGAAGATGAAGGACAGTGT  
GAGAAGTGCCAGGAGATCTTATCAGTGGACTGTTGACCAACAACCCCTCGCAGATGCAGCTGCGGCAGG  
AGCTGAACAACCTCCCTCCAGCTCGCTGAGAAGTTACCAAGCTGTACGACGAGCTGCTGCAGTCTTACCA  
GGAGAAGATGCTCAACCTCCCTCCCTGCTGAGAGTCAACGAGCAGTTCAAGCTGGGTCTCCAGCTG  
GCCAAGCTCACGCAGGGCGAGGACAGTACTATCTCCAGGTACCACGGTGTCTTCCACAATTCCGACT  
CCGAGGTTCCCTCTGGCCTCACTAGGGTGGTTGTGAAGCTCTTTGATTCCTACCCCATCACGGTGACGGT  
GCCAGAAGTAGTCTCCAGGAACAATCCTAAGTTTATGGAGACGGTGGCGGAAAAGGCTCTGCAGGAGTAC  
CGCAGAAGAACCAGGAGGAATGAGATGTGAATGTTGCTCTCCAGTATGGGGGCTCTGAATCCAGTT  
GCCCCGAGATGAGCCACAAGCCCTAGAGAGAGCTCTGCATGTACAAGCGCCCGGCCAGCCTCGAGGC  
CCCCTGAGCCTCCAGCCGCCCTCCGATCCCGCCTTAATGCCTGCGTTTGCTGATCACGGGAAGAAGCC  
CCACACGCCACTAATCAATAAAACGGCCTTGTAATCTG  
>GBEQ0177 |Acc|U38200|Ver|U38200.1 GI:1041788|Equus caballus interleukin-10 (IL-10) mRNA,  
complete cds.  
ATGCACAGCTCAGCACTGCTATGTTACCTGGTCTTCTTGGCCGGGGTGGGAGCCAGCCGAGACCGGGGCA  
CCAGTCTGAGAACAGCTGACCCACTTCCCAACAGCCTGCCCCACATGCTCCATGAGCTCCGAGCCGC  
CTTCAGCAGGGTGAAGACTTCTTTTCAAATGAAGCAGCTGGACAAACATGTTGTTGAACGGGTCCCTG  
CTGGAGGACTTTAAGGGTTACCTGGGTTGCCAAGCCTTGTGCGAGATGATCCAGTTTTACCTGGAGGAGG  
TGATGCCCCAGGCTGAGAACCACGGCCAGACATCAAGGAGCACGTGAACCTCCCTGGGGGAAAAGCTGAA  
GACCTCCGAGTGAGGCTGCGGCGCTGTCTCGATTTCTGCCCTGTGAAAATAAGAGCAAGGCACTGGAG  
CAGGTGAAGAGTGCCTTCAAGTCCCAAGAGAAAGGTGTCTACAAGCCATGAGTGAGTTTGACATCT  
TCATCAACTACATAGAAGCCTATATGACAACGAAGATGAAAACTGAAGCATCCTAGGGAACGAAGCATC  
CAGGACGGTGACTCTACTAGACTCTAGGACATAAATTTGGAGATCTCCCAAATCCCATCCAGGGTTCTGGG  
AGAGCTGAATCAGCTCCTTGAAAAACCTGTGGTACCTCTCTCTGAATATTTATTAACCTCTGATACCTC  
AACTCCTATTTCTATTTATTTACTGAGCTTCTCTGTGAA

>GBEQ0178 |Acc|U28947|Ver|U28947.1 GI:887976|Equus caballus alpha-fetoprotein precursor mRNA, complete cds.  
CAACAACGACAAAATTACTAGCAACTATGAAGTGGGTGGTATCAATTCTTTTAAATTTTCTACTAAATTC  
TACTGAATCCAGAACAAATGCATAGCAATGCATATGGAATAGCTTCCGCACTGGATTCTTTTCCAATGTTCT  
CCAGAGATGAATTTAGTTGACCTAGCCACCATATTTTGGCCAGTTTGTTCAGAGGCCACTTACAAGG  
AAGTAAGCAAAATGGTGAAAGATGTATTGACTGTAAGTGAAGTCCACTGGCAGTGAGCAGCCAAACAGG  
GTGTTTCAGAAAACCGGCTATCTGCCTTCCTGGAAGAAATTTGCCATGAGGAGGAAATTCCTGAAAAGTAT  
GGACTTTTCAGGTTGCTGCAGCCAAAATGAAGAGGAAAGACATAACTGTTTACTGGCAGCAGCAAGAAGGACT  
CTCCAGCATCCATCCACCCCTTCCAAGTTCCAGAACCCTGTCACGAGTTGTAAAGCATATGAAGAAAACAG  
GGAGATGTTCTGAAACCGATACCTGTATGAGATAGCAAGAAGGCACCCCTTCCTGTATTCATCTACAGCT  
CTTTATTTGGCTTCTCACTATGACAAAATAATTTAGCATGCTGCAAATCTGAAAATGCAGTTGAATGTT  
TCCAATCAAAGGCAGCAACAATTACAAAAGAATTAAGAGAAACCAGTTTGTAAATCAACATGTGTGTGC  
AGTGATAAGAAATTTTGGACCCCGAAGCTCTCCAAGCTATAACGGTTACCACACTGAGTCAAAGGTATTC  
AAGGCTAATTTTACTGAAATTCAGAAGCTAGTCTCTGGATGTGGCCACGCACATGAGGAATGTTGCGG  
GAAACGTGGAGAGTGTGTGACAGGATGGGGAAAACTTATATCCTATGTATGTTCTCAAGAAGATATTTCT  
GTCAAGCAGCATAGTCAATGCTGTAAATTTGCCACAGTTGAACCTTGCTCAATGCATAATTCATGCTGAA  
AATGATGACAAACCTGAAGGCTTATCTCCAAACCTAAATAGACTTTTAGGAGAGAGAGATTTCAACCAGT  
TTTCTTCAAAGGAAAAAGATCTCTTCATGGCCAGATTTTACTTATGAATATTCAAGAAGGCATATTCAGCT  
TGCTGTCCAGTAAATTTAAGAGTTGTCTAAAGGATACCAGGAGTTCTTGGAGAAGTGTTCAGCTCTGAA  
AACCTCTTGAATGCCAGGATAAAGGGGAAGAAGAATTACAGAAATATATCCAGGAGGGCCAAGCGCTGG  
CCAAGCGAAGCTGCGGCCTCTTCCAGAAATTAGGAGACTACTACCTACAGAATGCGTTTCTTGTGTGCTTA  
CACAAAGAAAGCCCTCACTGACCCACCTGAGCTGATAGCTTTGACCAGAAAAATGGCAACCCGACGCA  
GCCACTTGTGGCCAACTCAGTGAGGACAAACAATTGGCCTGTGGGGAGCAAGTGGCTGGCCTTATTATCG  
GACAATTATGCATCAGGCATGAAGAGAGTCTTATAAACCCTGGTGTGGCCAGTGTGCACTTCTTCATA  
TGCCAACAGGAGGCCATGCTTCAGCAGTTTGGTGGTGGATGAAACATATGTCCCTCCACCATTCTCTGAT  
GACAAGTTCATCTCCACAAGGATCTGTCCAAGCTCAGGGTGTAGCACTGCAAAACAATGAAGCAACAGT  
TTCTCATTAACTTTGTAAGCAAAAGCCACAAATAACAGAGGAACAACCTTGAGGCGGTGATCGCCGATTT  
CTCTGGCCTCCTGGAAAAGTGTCTGCCAAGGTCAAGGGCAGGAAGTCTGCTTTTTCAGAAAGAGGGTCCACAA  
CTGATTTCCAAAACCTCGTGTCTTTGGGAGTTTAAATTTACTTTCAGGGGGAAGAAAAGACAAAATAG  
GTCTTTATAGTTTGGTGTGAATTTCCCTTTAATTTTATCTGACTTAATACTCTTTTGTGAATTAATGAAAT  
AATGAAGACTTTTGTGTGAGAGTTCCCTGTCTATAGAAATAAAGTTATCTCCAAATGTT  
>GBEQ0179 |Acc|L42623|Ver|L42623.1 GI:848982|Equus caballus (clone pcDNACG2) MHC class I mRNA, complete cds.  
AGGGATGCGCGTCATGATGCCGCCAACCTTCCTCCTGCTGCTCTCCGGGGCCCTGACCCCTGACCGAGACC  
TGGGCGGGGCTCCCACTCCATGAGGTATTTCTACACCGCGGTGTCCCGGCCCGCGCGGGGAGCCCCGCT  
TCATCACCGTCCGGCTACGTGGACGACACGCAGTTCCGCGCGGTTCGACAGCGACGCCGCGAGTCCGAAGGA  
GGAACCGCGGGCGCCGTGGATGGAGCAGTGGGGCCGGAGTATTTGGGAGCGGAACACGCGGATCTCCAAG  
GAAGCCGACAGAGACTTACCGAGTGGACCTGAACAACCTGCGCGGCTACTACAACCAGAGCGAGGCCGGGT  
CTCACACCATCCAGGACATGTACGGCTGCGACGTGGGGCCGGACGCGCGCTTCTCCGCGGGTACTTTAA  
CTCCGCTACGACGGCGCCGATTACATCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGCGGACACG  
GCGGCTCAGATCACCGCGCGCAAGTGGGAGGCCGCCGGTGGCGCCGAGCGCTGGAGGAACCTACCTGGATG  
GGGAGTGGCTGGAGTGGCTCCTCAGACACCTGGGAACCGGAAGGAGACTCTGCAGCTCGCGGATCCCCC  
AGAGACACAGGTGACGCACCAACCCCAACTCTGACCGTGAGGTACCCCTGAGGTGCTGGGCCCTGGGCTTC  
TACCCTGCGGAGATCACCTGTCTTGGCAGCGTGACGGGGAGGACCTGACCCAGGACATGGAGTTTGTGG  
AGACAAGACCTGCAGGGGACGGGACCTTCCAGAAGTGGGCCGCTGTGGTGGTGCCTTTTGGGGAGGAGCA  
GAGATACACGTGCCATGTGCAGCATGAGGGGCTGCCTGAGCCCGTCATCCTGAGATGGGAGCCGCTCCT  
CAGTCCACCATCCTCATCGTGGGCATCATTGCTGGCCTGGTTCTCCTTGTGCTGTGGTGGCTGGAGCTG  
TGATCTGGAGGAAGAAGCACTCAGGTGAAAAAGAGGGATTTACGTGCAGGCTGCAACAGTGACAGTAC  
CCAAGGCTCTGATGCGTCTCTCCGAAGACAGTGTGAGACAGTGGCCCTGTGGGAGACCAAGTGATGCAA  
GATTTGTTTACCCTCCACTTTGTGACTTCAGATGCCACACTTCTTTCTGCAACTGGCATCTGAATG  
TGTGTGTGTTCTTATTAGCATAAATGTGAGGAGGTGAGGTGATTTGGCCACCCCTGCTCTCCACGACCCC  
CTCCCAACACTGACCTTTGTGCTTTCCTGATCTAATTTCTTCTGTTCCAGCAGAGGTGGGGCTGGGCGGGC  
TCCCTCCTGTCTTAAGCTCCTTGTGCACTCACTAGTGATCATTTGCTTCCTATTGAAAATATGAATCT  
GGATGTGAATTTTTTCTAATTTCTTGTGTAAAGGATTTGATGGGTTAATTAAGTAGAAGATTACTAAAG  
TTTGAGAGTGGAAATAAATGGAAGCACTGAGAACCCTCGAGAAATC  
>GBEQ0180 |Acc|U25990|Ver|U25990.1 GI:829614|Equus caballus skeletal muscle sodium channel alpha-subunit mRNA, complete cds.

ATGGCCAGCTCATCTCTGCCAACCTGGTGCCTCTGGGCCCTGAGAGCCTGCGCCCCCTTACCCGGGCGT  
CCCTGGCAGCCATAGAACGGCGGGCGTTGGAGGAGGAAGCCCGGCTGCAGCGGAACAAGCAGATGGAGAT  
CCAGGAGACTGAGCGGAACGCGCGCAGTGATCTGGAGGCTGGCAAGAACCTGCCCTCTCATCTATGGGGAC  
CCTCCACCAGAGGTTCATCGGCATCCCTCTGGAGGATCTGGACCCCTACTACAGCAACAAGAAGACCTTCA  
TCGTGCTCAACAAGGGCAAGGCCATCTCCGCTTCTCCGCTACACCTGCTCTCTACATGCTGAGTCCCTT  
CAGCATCATCAGACGACGCGCATCAAGGTGCTCATCCACTCGCTGTTACAGCATGTTTCATCATGATCACC  
ATCTTGCCCAACTGCGTGGTTCATGACCATGAGTGACCCGCCCTCCCTGGCCCATACATGTGGAGAACACCT  
TCACAGGAATCAACACCTTTGAATCCCTCATCAAGATGCTGGCCCGAGGCTTCTGCATCGACGATTTTCAC  
ATTCTCCGGGATCCCTGGAAGTGGCTGGACTTCAGTGTTCATCATGATGGCGTACCTGACAGAGTTTGTG  
GACTTGGGCAACATCTCAGCCCTGAGAACCCTCCGGGTGCTGCGGGCCCTGAAAACCATCACGGTCATCC  
CAGGGCTGAAGACGATTGTGGGGGCCCTGATCCAGTCCGTGAAGAAGCTGTGAGATGTGATGATCCTCAC  
CGTCTTCTGCCTGAGTGTCTTTGCCCTGGTGGGGCTGCAGCTCTTTATGGGAAACCTGCGGCAGAAAGTGT  
GTGCGCTGGCCCCAGCCCTTCAACGACACCAATACCACCTGGTACGGCAATGACACCTGGTACAGCAATG  
ACAGTGGAAACAGCAATGACACGTGGAGCAGCAATGACATGTGGAAACAGCCATGAGAGCATGGCCAGCAA  
CTATACCTTTGACTGGGATGCCTACATCAATGATGAAGGGAACCTTCTACTTCTGGAGGGTGCCAAGGAT  
GCCCTGCTCTGTGGGAACAGCAGTGTGCTGGGCACTGCCCGAGGGTTACAAGTGCATCAAGACTGGGC  
GGAACCCCAACTACGGCTACACCAAGTACGACACCTTCAGCTGGGCCTTCTGGCTCTCTCCGCTCAT  
GATACAGGAATATTGGGGAACCTCTTCCAGCTGACCCCTTCAGCAGCCGGCAAGACCTACATGATCTTC  
TTTGTGGTGATCATTTTCTGGGCTCCTTCTACCTCATCAATCTGATCCTAGCAGTGGTAACCATGGCGT  
ACGCGGAGCAGAATGAGGCCACCTGGCTGAGGATCAGGAGAAAGAAGAGGAGTTTCAGCAGATGATGGA  
GAAATTCAAAAGCAGCAGGAGGAGCTGGAGAAGGCCAAGGCTGATCAGGCTTTGGAAGGTGGGAGGCA  
GGCGGGGACCCAGCCCAAGCAAGAACTGTAACGGCAGCCTGGACACATCACAGGGGAGAAGGGCCCC  
CAAGGCAGAGCTGCAGCGCAGACAGCGGCTCTCAGATGCTATGGAAGAGCTGGAAGAGGCCACCAGAA  
GTGCCCGCATGGTGGTACAGTGTGCCACAAAGTGTCTCATATGGAAGTGTGACACCCCATGGGTGAAG  
TTCAAGAACATCATCCACTTGATCGTCATGGATCCCTTTGTGGACCTGGGCATCACCATCTGCATCGTAC  
TCAACACCTCTTTCATGGCCATGGAACATTACCCCATGACCGAGCAGCTTTGACAAAGTGTCTACCGTGGG  
CAACCTGGTCTTACGGGCATCTTACAGCCGAGATGGTACTGAAGCTCATCGCCTTGGACCCCTACGAG  
TACTTCCAGCAGGGTTGGAACGCTCTTTGACAGTATCATCGTACCCCTCAGTTGGGTGGAAGTGGGCTGG  
TTAATGTGAAGGGGCTGTCTGTGCTCCGCTCCTCCGCTGGTGGCGTGGTGAAGTGAAGTGAAGTGAAG  
GCCAACACTGAACATGTTTCATCAGAATCATCGGGAACCTCGGGGGGGGGCTGGGCAACCTGACCCCTGGT  
TTGGCCATCATCGTGGTCAACTTTTCCGCTCGTGGGCATGCAGCTGTTCCGCAAGAACTACAAGGAGTGT  
TGTGCAAGAAATGCCTCGGACTGCGCCCTTCCCCGCTGGAAGAAATGTGCGACTTCTTCCACTCTTCTCAT  
CGTCTCCGCATCTGTGTGGGAGTGGATCGAACCCATGTGGGGCTTTCATGGAGGTGGCTGGCCAGGCC  
ATGTTCTTAACCGTCTCTCTCATGGTCAATGGTCAACGGCAACCTGGTGGACCTGGACCTCTTCTGGCCC  
TTCTTCTGAACCCCTCAACTCTGACAACCTCTCGGCCCTCGGACGAGGATGGCGAGATGAACAACCTCCA  
GATCTCCAGTGGCCCATCAAGTTGGGCATCTGCTTTGCCAACGCCTTCTCTGGGGCTGCTGCATGGC  
AAGATCCTGAGCCCCAAGGATATCATGCTCAGCCTGGGGGACCCGGGCGAGGCTGGGGAGGCAGGGGAGG  
CTGAGGAGAGTGCCCCCGAGGATGAGAAGAAGGAGCCACCGCTGAGGATGATGACAAAGACCTGAAGAA  
GGACAATCACATCCTGAACCACATGGGCCTGGTTGATGGCACTCCAACCAGCATCGAGCTGGACCACCTC  
AAGTTCATCAACAACCCCTACCTGACCATCCACGTCCTATTGCTCCGAGGAGTCTGACCTGGAGATGC  
CTACAGAGGAGGAGACTGACACTTCTCAGAGCCTGAGGATGGCAAGAAGCCACTACAGCCCCTCGACGG  
GAACCTCTCCGTCTGCAGTACGGCCGACTACAAGCCCCCGAGGAGGACCCCGAGGAACAGGCCGAGGAG  
AACCCTGAGGGGGAGCAGCCTGAGGAGTGTCTTACCGAGGCCTGTGTGAACGCTTCTCCCTGCCTCTCCG  
TGGACATCTCCAGGGCCGTGGGAAGATGTGGTGGACCTCCGCGAGGGCCTGCTTCAAGATTGTGAGCA  
CCACTGGTTTAAAGACCTTCAATTCCTCATGATCCTGCTCAACAGTGAACCTTGGCCTTCGAGGACATC  
TACATCGAGCAGCGCGAGTCAATCCGACCATCCTGGAGTACGCTGACAAGGTCTTACCTACATCTTCA  
TCATGGAGATGCTGCTCAAGTGGGTGGCTTACGGCTTCAAGGTATACTTACCAACGCCTGGTGTGGCT  
CGACTTCTCATCGTGGACGTCTCCATCATCAGCCTAGTGGCAACTGGCTGGGCTACTCCGAGCTGGGA  
CCCATCAAATCCCTGCGGACACTGCGTGCCCTGCCCTGAGGGCACTGTCCGCTTCGAGGGCATGA  
GGGTGGTGGTGAAGCCCTCCTAGGCGCCATCCCTCCATCATGAATGTGCTGCTTGTCTGCTCATCTT  
CTGGGTGATCTTACGATAATGGGCGTCAACCTGTTTGGCGCAAGATCTACTACTTCAACACACC  
ACCTCCGAGAGATTGACATCTCCGGGTCAACAACAAGTCCGAGTGCGAGAGCCTGATTACACAGGCC  
AGGTCCGCTGGCTCAATGTCAAGGTCAACTACGACAACGTGGGTCTGGGCTACCTCTCCCTCCTCCAGGT  
GGCCACCTTCAAGGCTGGATGGACATCATGTATTAGCCGTAGACTCTCGGGAGCAGGAGGAGCCG  
CAGTATGAGGTGAACATCTATATGTACCTCTATTTCTGTCATCTTCATCATTTTTCGGGTCTTCTTACAA  
TCAACTCCCTCATCCGCTGATCATTGTCAACTTCAACCAGCAGAAGAAGCTTGGAGGGAAAGACAT  
CTTCATGACGGAGGAACAGAAGAAATACATAATGCCATGAAGAAGCTTGGCTCCAAGAAGCCTCAGAAG

CCAATTCCCCGGCCCCAGAACAAGATCCAGGGTATGGTGTATGACTTTGTGACGAAGCAGGTGTTTCGACA  
 TCACGATCATGATCCTCATTTGCCCTCAATATGGTCACCATGATGGTGGAGACGGACGACCAGAGCCAGCT  
 CAAGGTGGACATCCTGTACAAACATCAATATGGTCTTCATCATCGTCTTCACGGGGGAGTGTGTGCTCAAG  
 ATGTTTCGCCCTGCGCCAAAACACTTTCACCGTTGGCTGGAACATCTTCGACTTCGTGGTTGTATCCTGT  
 CCATTGTGGGCCTCGCACTCTCCGACCTGATCCAGAAATACTTCGTGTACCCACACTGTTCCGTGTGAT  
 CCGCCTGGCAGCGATCGGGCGCGTCTGCGGCTGATCCGTGGGGCCAAGGGCATCCGGACGCTGCTCTTT  
 GCCCTCATGATGTCACTCCCTGCCCTCTTCAACATTGGCCTGCTCCTCATTCCTGGTATGTTTATCTACT  
 CCATCTTCGGCATGTCCAACCTTTCCTATGTGAAGAAGGAGTCAGGCATCGATGACATGTTCAACTTTGA  
 GACCTTTGGCAACAGCATCATCTGCTCTTCGAGATCACCACGTGAGCTGGCTGGGACGGGCTCCTCAAT  
 CCCATCTCAACAGCGGGCCCCCTGACTGTGACCCACACTGGAGAACCCGGGCACCAAGTGTGAGGGGTG  
 ACTCGGGCAACCCCTCCATCGGCATCTGCTTCTTCGAGCTACATCATCATCTCCTTCTCATCGTGGT  
 CAACATGTACATTGCCATCATCTGGAGAATTTCAACGTGGCTACCGAGGAGAGCAGCGACCCCTGGGT  
 GAGGACGACTTTGAGATTTTCTTTGAGAAATGGGAGAAGTTTGGCCCTGACGCCACGCAGTTTCATTGATT  
 ATAGCCGCTCTCTGACTTCGTAGACACCTTGACAGGAACCACTGAGGATCGCCAAGCCTAACAAGATAAA  
 GTCATCACGCTGGACCTGCCATGTTGTCGCCGGCGACAAGATCCACTGCCCTGGACATCCTCTTTGCCCTG  
 ACCAAAGAGGTCTGGGTGACTCTGGGGAATGGATGCCCTCAAGGAGACCATGGAGGAGAAATTCATGG  
 CAGCCAACCCATCCAAGGTCTCCTATGAGCCCATCACCACCCCTCAAGAGGAAGCAGGAGGAGGTGTG  
 CGCCATCAAGATCCAGAGGGCTTACCGCCGGCATCTGCTTCAGCGCTCTGTGAAGCAGGCATCCTACATG  
 TACCGCCACAGTCAGACGGCAGCGGGATGGGGCCCCGAGAAGGAGGGACTGATCGCCAAACACCTGA  
 GCAAGATGTATGGCCGTGAGAATGGGAACAGTGGTGTTCAGAAACAAGGTGAGGAGAGGGGCTCAACAGG  
 GGATGCTGGACCTACCATGGGGCTCACACCCATCAACCCCTCGGACTCTGCCCTCCCTCCCTCCCCACCA  
 CCGGGTCTGCCTTTACACCCAGGGGTCAAAGAGTCTCTTGCTAG  
 >GBEQ0181 |Acc|L33910|Ver|L33910.1 GI:530128|Equus caballus MHC class II DQ-beta chain  
 (DQbeta) mRNA, complete cds.  
 GCCAGTGTGCTCTAAAGATCAGAGCCACCAGGTGCAAGCTGTGTTGACCACCATTACATCTTCTTTGTT  
 CTCAATTACGTCTGGGAAGATGGCTCCCGAGATCCCCAGAGGCCTTTGGACAGCAGCTGTGATGGTGACG  
 CTGGTGGTGTGAGCACCCCAATAGCTGAGGGCAGAGACTCTCCACAGGATTTCTGTGTACCAAGTTAAGG  
 GCCAGTGTACTTACCAACGGGACGGAGCGGGTGGCGCTCGTGACCAGATACATCTACAACGGGGAGGA  
 GTACGTGCGCTTCGACAGCGACGTGGGGGAGTACCGGGCGCTGACCGAGCTGGGGCGGGCCGACCGCCGAG  
 TACTGGAACGGGCAGAAAGGACGTCTGGAGCAGACGCGGGCCGAGTTGGACAGAGTGTGCAGATACAAC  
 ACCAGTTGGAGGTCCCCAGGTCTTGCAGCACCAAGTGGAACTACAGTGACCATCTCCCCATCCAAGAC  
 AGAGGTTCTAAACCAACACAACCTGCTGGTCTGCTCAGTGACAGATTTCTATCCAAGCCAGATCAAAGTT  
 CGGTGGTTCGGAATGACCAGGAGGAGACAGCTGGCGTTGTGTCCACCCCTTATTAGAAACGGGGACT  
 GGACCTTCCAGATCCTTGTGATGCTGGAATGACTCCCCAGCGAGGAGATGTCTACACCTGCCACGTGGA  
 GCACCCAGCTTCAGCACCCCATCACAGTGCAGTGGCGAGCACAGTCTGAATCTTCCAGAGAAATGATG  
 CTGAGTGGCGTCGGGGGCTTCGTGCTGGGGCTCATCTTCTCGGACTGGGCCTTATCATCCGTACAGGA  
 GCAAGAAGGGACTTCGTGGGACTCCACCAGCAGGGCTCCTGCACTGACTCCTGAGGATACTTTGGGATTA  
 GTCTTCTGTTCTCTGTAATGCCTGCTGATCCTTGTCTCAGAACTCTCAACTGCCTGTGAGTCTGACCCCTC  
 TGAGATCAGAGTCTTACAGTGACCTTGACAAAGTGCAGGTACCTCCTGTGACCCCACTTGAGTAT  
 CTTACTGCGATGGTGCTTCTGCTGACCTCAGAGCCTCTGCCAGTGTGCTGCCAGCTGCGTCTGCTCAG  
 ATCCCAACGGGTTTTTCTGTTTCCCTTCTTCTCCATAGACTGTTCAAGAGAAACACTTGAAGCCATTTG  
 CCTGAGTATAGAGATTTTATCATAATAAATGATTATGAGTTACCTGT  
 >GBEQ0182 |Acc|L33909|Ver|L33909.1 GI:530126|Equus caballus MHC class II DQ-alpha chain  
 (DQalpha) mRNA, complete cds.  
 AAAGCTGAGAAGACAATGATCCTAAACAGAGCTCTGATTCTGGGGGCCCTCACCTGACCACCATGATGA  
 GCGCCTGCGGAGGTGAAGACATTTGTGGCTGATCACTTTGCCCTATGGCATAAACGTCTACCAATCTTA  
 TGGTATTTTGGTCAGTACACCCATGAATTTGATGGAGATGAGGAGTTCCATGTGGACCTGGAGAAGAAG  
 GAGACCATCGTGAGGCTGCCTGTGTTTAGCGAGTTTACAAGTTTTCAGCCACAGGGCGCGCTGCAAAACA  
 TTGCTACGGCAAAACACAACCTTGGACATCTTGATTAAACGTTCCAACCTCTACTGCTGTACCAATGAGGT  
 TCCTGAGGTGACTGTGTTTCCCAAGTCTCCTGTGGTGTGGGTGAGCCCAACACCCCTCATCTGTCTTGTG  
 GACAACATCTTCCCTCCTGTGATCAATGTCACATGGTTGAGGAATGGGCACTCAGTCAGTGAAGCGGTTT  
 TTGAGATGATTTTCTCCCCAAGACTGATGATTCTTCTGAAAGATCAGTTACCTCACCTTCTCCCTTC  
 TGCTGACGATATTTATGACTGCAAGGTGGAGCACTGGGGGCTGGATGAGCCACTTCTGAAACACTGGGAA  
 CCTGAGATTCCAACCTCAATGTCAGAGCTGACAGAGACTGTGGTCTGTGCCCTGGGGTTGGCTGTTGGCT  
 TTGTGGGCACTGTGGTGGGCACCTTCTCATATCCGAGCCCTACGCTCAGGCGGTGCCTTAAGAGCCCA  
 AGGATGCTTGTGAGTTCGATCATAAGAAGGGAAGGCACATTGCCCATCTACAAGAGCAGAAGAGTGGATGT  
 GCTAGACGACCTCGCACTATTTACTGGCCAGTTCATCATACTCCTTCTCTTCTTCATCGTTTTTCTCT



AACCTTTTCCCTGGGACTTAAGGTGCTGTATCTCCTAAGAGCTCTCATACTCTTCAGAATTCTCCCCCTG  
ACTGCCGGATTATTTTTCTTCTCACTTGTTACCTACTATGGATCCTGGACATTCCACCTAGTTACCTA  
ATCTCTAGGACCCTGATCCAATGTCTCCATGGAAGCAATAAATTCTCCTTTATGAGTCTTTTATT  
>GBEQ0183 |Acc|U04050|Ver|U04050.1 GI:435025|Equus caballus interferon-gamma precursor  
mRNA, complete cds.  
ACCTGATCAGCTTAGTACAGAAAGTGAAGTCTTTCAACTACTTAGGCCTAACTCTCTCCGAAACAATGAAT  
TATACAAGTTTTATCTTGGCTTTTTCAGCTGTGTGCGATTTTGGGTTCTTCTACCTATTACTGCCAGGCCG  
CGTTTTTTAAAGAAATAGAAAACCTAAAGGAATATTTTAAACGCAAGTAACCCAGATGTAGGGGATGGTGG  
GCCTCTTTCTGATATCTTGAAGAACTGGAAAGAGGATAGTGACAAAAAATAATTTCAGAGCCAAATC  
GTCCCTTCTACTTCAAACCTTTTGAAGAACTTGAAGATAACCAAGTCATTCAAAGAGCATGGACACCA  
TCAAGGAGGACCTGTTCTGTTAAGTTCTTTAACAGCAGCACCAGCAAGCTGGAAGACTTCCAAAAGCTGAT  
TCAGATTCCGGTAAATGATCTGAAGGTCCAGCGCAAAGCAATAAGTGAAGTCAATCAAAGTGATGAATGAT  
CTGTGCGCCAAAGCTAACCTGAGGAAGCGGAAGAGGAGTCAGAATCCATTTCGAGGCCGGAGAGCGTTGC  
AATAGTGGTCA  
>GBEQ0184 |Acc|M27462|Ver|M27462.1 GI:602447|Equus caballus chorionic gonadotropin alpha-  
subunit (CG) mRNA, 3' end.  
GGAGAGTTTACAACGCAGGATTGCCAGAATGCAAGCTAAGGGAAAACAAGTACTTCTTCAAACCTGGGCG  
TCCCGATTACCAAGTGAAGGGCTGCTGCTTCTCCAGAGCGTACCCCACTCCAGCAAGGTCCAGGAAGAC  
AATGTTGGTCCCAAAGAATCACCTCAGAATCCACATGCTGTGTGGCCAAAGCATTATCAGGGTCACA  
GTGATGGGAAACATCAAGTTGGAGAACCACACCCAGTCTATTGCAGCACTTGTATCACCACAAGATTT  
AAAGGTTTCAACAAGTGCCTTGTGGATGACTGCTGATTTCTGGAGTGGAAAATTAATTTGTTCAATGTG  
TATGGCCTTGTGAGATACCCCCACCTTTCTCTTACCATTCCCTTTGGCATGCTTCGAGGATATACTGC  
AGCTTTGTTGCTTTCTCTTTATCTGACAGTCTGATCGGCAGTCTAGCTCTTTTGATTTGGAATGAAATA  
CAGCATTTTAGCATGATCACAAAAGCTGGTTCCACAGGAAATAAAGTCTTTTAAAATCATC  
>GBEQ0185 |Acc|U17041|Ver|U17041.1 GI:576646|Equus caballus Ig epsilon heavy chain mRNA,  
partial cds.  
GGCAGGAGGAATCACCTGTGGTCTTCTCTAGTTCTGGTGGCCGCTCCTACATGTGCCCCGTCCCAGGTGC  
AACTGAAGGAGTCAGGACCTGGCCTGGTGAAGCCCTCGCAGACCTGTCCCTCACCTGCACTGTCTCTGG  
ATTCTCTTTGACTAGTTACACTGTAGGCTGGGTGCCAGGCTCCAGGAAAAGGACTGGAATATGTTGCGG  
CTATACGTAATAGTGGAGGTGCAAACTTCAACCCAGACCTGAAGTCCCGAGCCAGCATCACCAGGGACG  
CCTCAAAGAGCCAAGTTTATCTGACGCTGAACAGCCTGACAGTCCAGGACACGGCCGTCTATTACTGTGC  
GAGGTCTCTGCCAGTCTCTGGTAATGGTTATAGTTTGGTGAAGTATTGGGGCCAGGCATCTGTACCCGTC  
TCATCAGTCTCCAAGCAGAGCCCCATTATCTTGGCCTTGGCTGCCTGCTGCAAGACACCAAGACTACTA  
ACATCACACTGGGCTGCTGGTCAAGGGCTACTTCCCGGAGCCAGTACCCTGACCTGGGATGACGGGTG  
CCTTAACCGGAGCACCATAACCTTCCCTGCCGTCTTTGACCAAACCTCTGGCCTCTACACCACCATCAGC  
AGGGTGGTGGCTCGGCGGAAGTGGGCAAGCAGAAGTTCACTGCAACGTGGTGCCTCCAGGAGACCT  
TCAACAAGACCTTCAACGCATGCATCGTGACCTTCAACCCACCCACCGTGAAGCTCTTCCACTCCTCCTG  
CGACCCCGGCGGCACTCCCATACCACCATCCAGCTCCTGTGCCTCATCTCCGACTACACCCCTGGCGAC  
ATCGACATCGTTGGCTGATAGACGGGCAGAAGGTGACGAGCAGTTCCTCAACACGGCCTCGTGAAGC  
AGGAGGGCAAGCTGGCCTCCACACACAGCGAGCTCAACATCAACCCAGGGCCAGTGGGCGTCCGAAAACAC  
CTACACCTGCCAGGTCACTTACAAAAGCATGATCTTTAAGGACCAGGCCCGCAAGTGCACAGAGTCT  
GAACCCCGCGGTGTGAGCGTCTACCTGAGCCCGGCCAGCCCTGGACCTGTACGTCTCTAAATCGCCCA  
AGATCACTGCTGCTGGTGGTGGACCTGGCCAACGTGCAGGGCTTAAGCCTGAAGTGGTCCCGGAGAGCGG  
GGAGCCCTGCAGAACACACACTGGCGACAGCGAACAATTTAACAAGACATTCTCGGTACAGTCCACC  
CTGCCTGTGGACACACCGACTGGATCGAGGGCGAGACTTACAAGTGCACCGTGTCCACCCAGACCTGC  
CCAGGGAAGTCTGTGCGCTCCATCGCAAGGCCCTGGCAAGCGTTGTCCCCGAGGTCTACGTGTTCTCT  
GCCGCTGAGGAGGACAGAGCTCCAAGGACAAGGTCAACCTCACCTGCCTGATCCAGAACTTCTTCCCC  
GCGGACATCTCCGTACAGTGGCTGCGTAACAATGTCTAATCCAGACAGACCAGCAAGCCACCACACGCC  
CCAAAAGCCAATGGCCCCGACCCGCTTCTTCGTCTTACGCCCTAGAGGTGACCCGGGCGGAATGGGA  
GCAGAAGAACAATTTGCTGCAAGGTGGTCCACGAGGCGCTGTCCCAAAGGACCTCCAGAAAGAGGTG  
TCCAAAGACCTGGTAAATGATGCCCTCTGCCCGCCGCTCCACCTCCAGGCTCCCTCTGTGGGG  
TGGAGGTGGGGGCCAGCCAGACCTGCTCCGTC  
>GBEQ0186 |Acc|L07571|Ver|L07571.1 GI:291479|Equus caballus (clone pHL11) productively  
rearranged Ig lambda chain mRNA, V3-J-C1 region, complete cds.  
GCTGTGGGGCCACAGAGGCAGGACTCGGTGACCATCTCCACCATGGCCTGGTGGCCTCTCCTCTCACC  
CTCATCGTCTCTGCACAGGATCCTGGGCCAGTCTGTGACTCAGCCGCTCAGTGTCTGGGACCTGG  
GCCAGACAGTCACCATCACTGCACTGGAAGCAGCTCCGACATAGTTGCTTATGTGGGCTGGTACCAACA

GATCCCAGGAACAGCCCCCAAACCCCTCATCTATGGTAATGACAAACGAGCCTCAGGGGTCCCAGATCGA  
 TTCTCTGGCTCCAAGTCTGGCAGCACAGCCACCCTGACCATCACTGGGCTCCAGGCTGAGGACGAGGCCG  
 ATTATTACTGTGGTACCTCTAGTGCTGTATTCGGCGGAGGCACCCACCTGACCATCGCAGGTGGTACCCC  
 GTCTGCACCCTCGGTCTCTCTCTTCCCGCCCTCCTCTGAGGAGCTCAGCGCAACAAGGCCACAGTGGTG  
 TGTCTCATCAGTGACTTCTCCCCAGCGACTTGACGGTGAGCTGGAAGGTAAATGGCGCCGCCACACCC  
 AGGGCGTCCAGACCACCAAGCCCTCGAAACAGAGCAACGGCAAGTACGCAGCCAGCAGCTACCTGTGCGT  
 GACCCCCAGCCAGTGGAAATCGTCCAGCAGCGTCAGCTGCCAGGTACGCACCAAGGGAAAACCGTGGAG  
 AAGAACTGTCCCCCTCAGAGTGTCTTAGGTCCCCGAGTGCGCCACACCCTCAGGGACCTGCTGTACG  
 GGACCCCTAAGGGGGTCGACCATTTCCCACTCCGACACCTCCTTCTCCCTCCGCCCAAATCCTTCTCAATA  
 AAACATCCTCCTTCTCAAT

>GBEQ0187 |Acc|L07565|Ver|L07565.1 GI:291467|Equus caballus (clone pHL5) productively  
 rearranged Ig lambda chain mRNA, V3-J-C1 region, complete cds.

GGCCACAGAAGGCAGGACTCGGTGACCATCTCCACCATGGCCTGGTGCCCTCTCCTCCTCACCCTCATCG  
 CTCTCTGCACAGGATCCTGGGCCCAGTCTGTGACTCAGCCCGCCTCAGTGTCTGGGACCCTGGGCCAGAC  
 AGTCACCATCACCTGCACTGGGAAGCAACTCCAACATAGTTGCTTATGTGGGCTGGTACCAACAGATCCCA  
 GGAACAGCCCCCAAACCCCTCATCTATAATAATAACAAACGAGTCTCAGGGGTCCCAGATCGATTCTCTG  
 GCTCCAACTCTGGCAGCACAGCCACCCTGACCATCACTGGGCTCCAGGCTGAGGACGAGGCCGATTATTA  
 CTGTGGTACCTCTAGCAGCAGTGGTACAAGTGAATTCGGCGGAGGCACCCACCTGACCATCGCAGGTGGT  
 ACCCCGCTCTGCACCCTCGGTCTCTCTCTTCCCGCCCTCCTCTGAGGAGCTCAGCGCCAACAAGGCCACAG  
 TGGTGTGTCTCATCAGTGACTTCTCCCCAGCGACTTGACGGTGAGCTGGAAGGTAAATGGCGCCGCCAC  
 CACCCAGGGCGTCCAGACCACCAAGCCCTCGAAACAGAGCAACGGCAAGTACGCAGCCAGCAGCTACCTG  
 TCGCTGACCCCCAGCCAGTGGAAATCGTCCAGCAGCGTCAGCTGCCAGGTCACGCACCAAGGGAAAACCG  
 TGGAGAAGAACTGTCCCCCTCAGAGTGTCTTAGGTCCCCGAGTCCGCCACACCCTCAGGGACCTGCTG  
 TCACGGGACCCCTAAGGGGGTCGACCATTTCCCACTCCGACACCTCCTTCTCCCTCCGCCCAAATCCTTCT  
 CAATAAAACATCCTCCTTCTCAATCAG

>GBEQ0188 |Acc|M69020|Ver|M69020.1 GI:164242|E.caballus transferrin mRNA, complete cds.

CGCTCCCGCCGACAGCAGGGAGGATGAGGCTCGCCATCCGCGCCCTGCTGGCTGCGCGGTCTCTGGGCG  
 TGTGTCTGGCGGAGCAAACCTGTGAGATGGTGCACCGTCTCAAATCATGAGGTCAAGTGCGCCAGTTT  
 CCGCGACAGTATGAAAAGCATTGTTCCTGCTCCTCCTCTGTGCGCTGTGTGAAGAGAACCTCCTACCTG  
 GAGTGCATCAAGGCCATTGCGGATAACGAAGCGGATGCTGTGACGTTGGATGCAGGTTTGGTGTTCGAAG  
 CTGGCCTCTCCCCCTACAACCTGAAGCCTGTAGTGCCAGAGTTCTATGGGTCCAAAACCTGAGCCACAAAC  
 CCACTATTATGCTGTGGCCGTGGTGAAGAAGAAGCAATTTCCAGCTGAACCAGCTCCAAGGCAAGAAG  
 TCCTGCCACACGGGCCTTGGCAGGTCTGCTGGGTGGAACATCCCCATTGGCTTACTTTATTGGCAATTGC  
 CTGAGGCCACGTGAATCTCTTCAAGAACAGTGTCCAATTTCTTCGCGGGCAGCTGCGTACCCTGCTGCAGA  
 TCGGACAGCTGTCCCCACCTGTGTCAACTGTGTTGGGAAAGGGACAGACAAGTGTGCTGTCTCCAAAC  
 CACGAACCATACTTTGGCTACTCAGTGCCTTCAAGTGCCTGGCGGATGGCGCTGGGGACGTGGCCTTTG  
 TCAAGCATTCAACAGTATTGGAGAACCTGCCACAAGAGGCTGACAGAGACGAGTATCAGCTGCTCTGCAG  
 GGACAACACCCGGAAGTCAGTGGATGAATACAAGGACTGCTACCTGGCCAGCATCCCTTCCCATGCCGTT  
 GTGGCCCGAAGTGTGGACGGCAAGGAGGACTTGATCTGGGGGCTTCTCAACCAGGCCCAGGAACATTTTG  
 GCACAGAAAAATCTAAAGACTTCCATCTCTTCAAGTCCCCCTCATGGGAAGGACCTGCTGTTTAAAGACTC  
 TGCCCTTGGCTTTTAAAGGATTCCCCCTGCGATGGACACCTGGCTGTACCTGGGATATGAGTATGTCACT  
 GCTATTTCGGAATCTAAGGGAAGATATACGCCAGAAAGTCCCAAAGGACGAATGCAAGAAGGTGAAGTGGT  
 GTGCAATAGGCCACCATGAGAAGGTCAAGTGTGACGAGTGGAGTGTAAACAGTGGAGGGAACATAGAGTG  
 TGAGTCAGCACAGTCCACTGAAGACTGCATTGCCAAGATTGTGAAAGGAGAAGCTGATGCCATGAGTTTG  
 GATGGAGGTTTCTACATAGCGGGCAAGTGTGGTCTGGTGCCTGTCTGGCAGAGAACTATGAAACTA  
 GGTCTGGCTCTGCATGTGTGGACACACCAGAGGAAGGATATCATGCTGTGGCCGTGGTTAAGTCTCTCATC  
 AGATCTGACCTCAGCTGGAACCTCTTGAAGGCAAGAAAGTCCCTGTCAACTGGAGTAGATAGAACCCTG  
 GGCTGGAACATCCCCATGGGCCTGCTCTATAGCGAGATCAAGCACTGTGAATTCGATAAAATTTTCCGTG  
 AAGGCTGTGCCCTGGGTATAGGCGAAATTCACCCCTCTGCAATCTGTGTATTGGCTCGGCAAGTGGTCC  
 AGGAAGGGAGTGTGAACCAACAACCATGAGAGATACTATGGTTACACAGGGGCTTTCAGGTGTCTGGTT  
 GAGAAGGGAGATGTGGCCTTTGTGAAACACCAAGTGTGCAACAGAACACTGATGGACGTAAACCTGACG  
 ATTGGGCTAAGGATCTGAAGAGTGAACCTTTAAGCTGCTATGCTCCTGATGGCACTAGGAAGTCTGTGAC  
 TGAATTCAAAAGCTGTACCTAGCCCGAGCCCCGAATCATGCTGTAGTCTCACGGAAGAAAAGGCAGCT  
 TGTGTTTGGCAGGAGTTACACAACCAGCAGGCTTCGTATGGAAAAATGGAAGTCACTGCCAGACAAGT  
 TTTGTTTGTCCAGTCAGCCACCAAGGACCTTCTGTTTCAAGGATGACACACAATGTTTGGCCAACTTCA  
 GCCACAACAACATATAAAACCTACTTAGGAGAAAAGTATCTCACGGCGGTGGCTAACCTGAGACAGTGC  
 TCAACCTCGAGACTGCTGGAAGCCTGCATTTCCACAGAGTTTAAAGCCCAAGAGGTGGGGTCAACACCA



GATGGAGATGGGAGCTCACGTGACCCATAAGCTTTCCCTCTGCTCTCACTGGCCTGAGTGGTTTGTCTGCC  
TTACAGTTTTGGTGGTGGCACCTCTGCAGAACATAAAAAATAAAATTATTGTTGGTTTTATCTTTTAAAAA  
>GBEQ0189 |Acc|M64865|Ver|M64865.1 GI:164177|Horse alcohol dehydrogenase-S-isoenzyme  
mRNA, complete cds.  
TCACATTCTGCGCTGCAGGGAAAACGGCATCATGAGCACAGCAGGAAAAGTAATAAAATGCAAAGCAGC  
TGTGCTGTGGGAGCAAAAGAAACCATTTTCCATAGAGGAGGTGGAGGTCGACCCCCGAAGGCCCATGAA  
GTCCGTATAAAGATGGTGGCCGCGAGGAATCTGTCTGCTCAGATGACCACGTGGTGTAGTGGAAACCCCTGTCTG  
CACTCTTCCCTGTGATCGCAGGCCATGAGGCAGTGGCATTGTGGAGAGCATCGGAGAGAAGGCGTCACTAC  
AGTAAGACCAGGTGATAAAGTCATCCCACTCTTTATTCCCCAGTGTGGAAAAATGCAGTGTTTGTAAACAC  
CCTGAAGGCAACCTCTGCTTGA AAAATCTGAGCATGCCCTCGGGGAACCATGCAGGATGGTACCAGCAGGT  
TCACCTGCAGAGGGAAGCCCATCCACCACTTCTTGGCCACCAGCACTTCTCCAGTACACCGTGGTGGGA  
CGAGATCTCAGTGGCCAAAGATCGATGCGGCCCTACCGCTGGAGAAAGTCTGTCTCGTTGGCTGTGGATTT  
TCTACTGGTTATGGGTCTGCAGTCAAGGTTGCCAAGGTCACCCAGGGCTCCACCTGTGCCGTGTTTGGCC  
TTGGAGGAGTGGGCTGTCTGTTATCATGGGCTGTAAAGCAGCCGGAGCGCCAGGATCATTGGGGTGGGA  
CATCAACAAGACAAGTTTGCAAGGCCAAAGAAGTGGGTGCCACTGAGTGTGTCAACCCCTCAGGACTAC  
AAGAAACCCATCTCAGGAGGTGCTGCAGGAAATGAGCAATGGAGGCGTGGATTTTTCATTGAGTCATTG  
GTCGGCTTGACACCATGGTGGCTGCCCTTGTCTGCTGTCAAGAAGCATATGGTGTGAGCGTCATCGTAGG  
AGTACCTCCTGATTCCCAAAATCTCTATGAATCCCATGTTGCTACTGAGTGGACGTACCTGAAAGGA  
GCTATTTTGGTGGTTTAAAGAGTAAAGATTCTGTCCCCAACTTGTGGCCGATTTTATGGCTAAAAAGT  
TTGCACTGGATCTTTAATACCCATGTTTTACTCTTTGAAAAAATAAATGAAGGATTGACCTGCTTCG  
CTCTGGAAAGAGTATCCGTACCATCCTGACGTTTTGAGACCATACAAATGTCTGCACCTGTAGCCGCTCT  
CTGGCTCCTCTATCCTCTGGATCATCAGCCAAACGACATCAATAATTCTGTTCTCAAGATGCTATTAA  
TAGTTACCGCTGGGAGCTTTCTAAAGAAACAAAATTGATGTGAAGGCACTTTTCAAGCAACAGTTTAA  
AATCCAAGTGCAGTACAGGACCATCAGCTGGGTAACTGAGCCTACTAAACTTTCTTCTAATCATT  
CTCCTCACGTTGAATCCTGTACCTTTCCCATTGAGGGAAGGCATGTGTTTTGACTTCTTGCAATGATTG  
TATCTTGGGCACCTTAGTATTGAAGCCGGGGGTGGGGGTCTCATGATACTTGCCCTCAGCATACAC  
GTGATGGGCTATTGTGCTCTAAGCCCTTCTCCTCTACAAGCATTTCCACTGTCTGTATTGCTTTTGAT  
GAAGTGACAAAGTCTGCACAGTAAATACAGTCTGTGAAAGATACACTCAGATTATAAGTGGAGAAGG  
TCTAGAACTTCTAAATGCAGGGAATTTCTTAGGAAAAATGTCATACATTTTTATAAGGTGGAGGAAATGT  
CTTTATTGCTTTTATACTGTTGGCAGTGGATATATGATCGTTCTTTTAAATAAAAGCAGTTTCATGCGGG  
TCGTATTAATG  
>GBEQ0190 |Acc|U02929|Ver|U02929.1 GI:409962|Equus caballus growth hormone (ecGH) mRNA,  
complete cds.  
ATGGCTGCAGGTCTTAGGACCTCCGTGCTCCTGGCTTTCGGCCTGCTCTGCTGCCCCTGGCCTCAGGATG  
TGGGGCCCTTCCCCGCCATGCCGTTGTCTAGCCTGTTTGGCAACGCTGTGCTCCGGGCCAGCAGCTGCA  
CCAATGGCTGCTGCACCTTACAGAGAGTTTGGCGGCCCTACATCCCGAGGGACAGAGATACCTCGATC  
CAGAACGCCAGGCTGCCTTCTGCTTCTCCGAGACCATCCCGGCCCCCCACGGGCAAGGATGAGGCCAGC  
AGAGATCTGACATGGAGCTGCTCCGCTTCTCGCTGCTGCTCATCCAGTCGTGGCTCGGGCCCGTGCAGTT  
GCTCAGCAGGGTCTTCAACCAACAGCCTGCTGGTGTGGCACCTCGGACCGCTCATGAGAAGCTGAGGGAC  
CTAGAGGAAGGCATCCAGGCCCTGATGCGGGAGTGTGAAGACGGCAGCCCCGGCTGGGCAGATCCTCA  
AGCAAACCTACGACAAGTTTGACACAAACTTGCAGCAGTGATGATGCACTGCTCAAGAAGTACGGGCTGCT  
CTCCTGCTTCAAGAAGGACCTGCACAAGGCTGAGACGTACCTGCGGGTCATGAAGTGTGCGCGCTTCTGTG  
GAAAGCAGCTGTGCTTCTAGTGTGCTGGGCTTCTGTTACCCCTCCTCAGTGCCTCCCTTGATCCTGGAG  
AGTGCCCTCTAGTGCCTAACCACTTTCTTCTAATAAAATAAATTGCATCGTAAAAA  
>GBEQ0191 |Acc|AY083516|Ver|AY083516.1 GI:20146867|Equus caballus somatostatin gene,  
3'UTR and partial cds.  
GACTTTACATCCTGTTAGCTTTATTAACGCTTGTGTCCATATAAGACCTCTGATTCCTCTCCTCCAAA  
CCCTGTCTCTTCCCTAATGCCCTGAATCCTCAGTAAGATCCTTACATTAGAAATTGAAGACTGTAAAT  
ACMAAATAAAATTATGGAACCAAGAATTTGATTTCTTATTGAGTAGACCTTTCTGTTCAATAATATATG  
ATGAACCTCAGTTATGATTTTCACTCGAGTTGCTTGAATATGCACTCCAAATCTCGCAGACATACTGTTT  
>GBEQ0192 |Acc|AY011676|Ver|AY011676.1 GI:12699951|Equus caballus cAMP responsive element  
moderator (CREM) gene, partial cds.  
GATCTTTATTGCCATAAAGCAGAGTAACTGTCTTTGACCTGGACCTTGTTTACTGTGAAGTCTAATCAAG  
GCAGGAGATGCAGCAGTTCTACTAATTGTTCATGTGGACTTGTGGAGGGGACACTTCTGACCCCTAAGAAT  
CCAGTTTGGCTTAGTGTGTTGAGATGGAATTGGGAATGTTGTTCCAAGATTGGAATGCAGCCATGCTCAC  
ATTCACCAAGCTTACTTCCGTCTGTCTGTCTGAGGAGCATGCAACAAATGTTTGTGTTGCCCTTTGCTTCTG  
CTTTTTTTTTCAGGGAAGCTGCTAAAGAATGTGCAGCTCGAAAGAAAGAAATATGTAAGTCTCTGGAGAGTC

GAGTTGCTGTGCTGGAAGTTCAGAACAGAAGCTTATAGAGGAACCTTGAAACC  
>GBEQ0193 |Acc|AF367706|Ver|AF367706.1 GI:14486710|Equus caballus mast cell growth factor  
(MGF) gene, exons 7, 8, and 9 and partial cds.  
CTCTTGTAATTGGGTTTGGCTTTGGAGCCTTATCTGGGTGAGTGTGCTGGGTTTTTTTCTGATAAAA  
AACTTTCTGGACTTTATATATTTACTTATTCATACCATATTTACATAAGTGATAACAACTGCCCTTTTT  
TCGAGAACAGATCCTAACAGAAAATAAGATAGGTTAAGTCTACCTTAACCTTATAGTTCCAATAGAATG  
TATATCTTAGAAAGATTTTCCCCATTCTTCATTATGCTTTGGAGACAACCTCTAGCTGAGAATGCAC  
ACTTAAGAGACGGGAACCTGGTTTAAATAGCCTAACTAAATGTAAAAAGGAAGAAAATATGCTGAAAATC  
TTACACTGTACTTCAAACCAAATACAAAGGCCATTGTGTTATCTGCTATTTGAATATCTACTCTTTTG  
TTCTCTTCTTATGAAGCCTGTCTAAATTTTAAATGTGCTAACTCATTGTGACTCAGCTTTCTGAAATG  
TCTTCTCAATTTGATTACTATTTAAATCTTTCAGTTTGTATTACTCTTTTACCTCCAACATCCTAAAA  
ATGTTGGATTGATAACTGCACATTTTTCATAATTTCTTACTGCAAAATATTTTACATGCTGCATGCTG  
AAGAAACTGTTATTGGAGTTATTGATATAAGAGTGGAGACCATTTACCTCTAACTATTATACTGTTCA  
TTGATATCTTACATAAAATGTCATTCTTTTCCGAGAAGAAACAACCAAATCTTACAAGGGCAGTTGAAA  
ATATACAGATTAACGAAGAGGATAATGAGATAAGGTATTTTGTGTTTACTAAATGTGTTTACATAAGCT  
TGACGTTGCCATTTACATAACAGCACATGCTCGTAACGCTCTTAAAGAAGTTATTCACCTCCAGAAATGGC  
AGCTCCCAACCACTGTCTTCCAGTCTTTATCTACATATCTGATCTCTCCCGCTCTCTTCAGTTCTCCAT  
CTCCATTTACCACTAGATAACCTTACATAACTGTCTTACATAACCTTCTTAAAGGCATCATACTGGTTA  
TCTCTGCGTTCTTTATTTCTGTGAGCAGCAGAATCTTGTCTTAAATTCCTGGATCACGGAGCTCTGGAGGT  
GCGTTTGTGCTTCTCTCTTCTTTTACACACAGTTACAAGACATACTTATTCTCTCCCTGAGTCTCTTCC  
CAAGCTTAGCTCTGTATTTGGCGATAGTCATTATCTTCCATCCATATCTTCTGTCATGCTTGGCTGAGTTG  
CTGCCACAGAATCTTTTCTCGGCTCTTCTAACTCCATCTTTGTCTCTCTTCTCTTAAATCCTGGATC  
GTAATAACACTTCTCGGTAAAGATACTTTCAGTGGTTTGTCTTGCATACCTTAAAGATATTTGACTTCATG  
CTGCTTTTCCAGAACCTTAACTTTTCTCAACCTATTTCAGTATTTTCTCCAAAGCCAAATACAAAATTTGT  
TTTAAGATAACTTTCCATTTACTGTAGCTGACTCTGATCTTTTACCTAACTCCAAATTTGCCCCAGGAC  
CAATACTTTGATTTTACATTACAGTGTACTTTTCAATTTGACGTGTTGCTTTCTCTCATATCATGCCCTGTG  
TATACATATTTACATATTAAGTGCGTATAAACTTTTCTAGTATGTATATATGCATATGCGTAGAGAATTT  
TTTAACTACTTTTGGGAGACTATGTTGATTAAGTAATACTTATGAAGGTAAGCTTTTTTTCAATTTTGCA  
ACCTTTTGTCTACTATAGTTACAGAAAAAAATTTGCTTTTACAATGCCAGATCGGTGTACTTCAGAA  
TCTCTGTCCAAATCAAATAAGCATTTTCTTGTGTTGTTTTCAGTATGTTGCAAGAAAAAGAGAGAGAGT  
TTCAAGAAGTGTAATTTGTGGCTTGTGTCAACACTGTTACTTTCATACATTGGC  
>GBEQ0194 |Acc|AF372660|Ver|AF372660.1 GI:20385505|Equus caballus uteroglobin precursor,  
gene, complete cds.  
ACTCAAGACCACCGGATCCAGAGACACGGCCAGAGCCTCACTCACCAGCCTCCTGTCCACCATGAACCTC  
GCCATCACCATCACCTGGCCATCCTGGCTCTCTGCTGCAGCCCTGCTTCTGCAGGAATCTGCCAGAGAT  
TTGCAGGCATCATTTCAAGGCCTCTTCTGGGCACACCTGCCAGTTTCGAGGCTGCAGTGGAACCTTCAA  
ACCTGATGCAGACATGAAAGCTGCGGCGACCCAGCTGAAGACGCTGGTGGACTTCCTCCCCAAGAACACC  
AAGGACAGCATCTAAAGCTCATGGACAAAATAGCAAAGAGCCCACTGTGTGCTTAGGATTTAGAAGCTG  
AAGAGCTGCAGTTGCTGGAAGCCCTGCCACTGCCAGGATGCCCTGCCACTGCCAGGATGCTTCTCTT  
ACTGTCCCCAGCAGCCTAGGCTGGCTCGCTTTAATAAAGGATAAGCATCTA  
>GBEQ0195 |Acc|AF400580 REGION: join(1..228,506..626,1344..1421,1915..2410)|Ver|AF400580.1  
GI:15788235|Equus caballus pulmonary surfactant-associated protein A gene, complete cds.  
GGGTGAAGTGAAGTTCCCCACGGTCACACAGTGAGGGGGAGCTGCTGGAGCAGGAGCCATGTTGCTGTGCT  
CGTTGACCCCTCACCTCATCTTGTGCTGGCGGTTTCTGGCACCAAGTGTGATGTGAAGGAATTTTGTGCTGC  
ATGCTCTGGCGTCCCTGGCATTCCGGGGTCCCCCTGGCCTGCCTGGCAGAGATGGGAGAGATGGTGTCAAA  
GGAGACCCCTGGACCTCCGGGGCCCCATTGGCCCCCTGGAGGAATGCCAGGTTCCCTGGCCATGATGGGC  
TGATTGGACCCCTGGTCCCCCTGGAGAGCGTGGAGACAAGGGAGAGCCTGGCGAGAGGGGGCCCTCCAGG  
GCTTCCAGCTTATCCAGATGAGGAGCTCCAACTCACTCCATGACATCAGACATCAAATCCTGCAGTTA  
ATGGGTGCCCTCAGTTTGCAGGGGTCCATGCTGGCAGTTGGAGAGAAGGTCTTCTCCACCAATGGGCAGG  
TGGTTCGATTTTGTATGCCATTAGAGAGTCATGTGCCAGAGCTGGTGGCCGCTGCGCTCCCGAAGAGTCT  
GGAGGAGAATGCGGCCATCGCAAGCCTCGTGACAAAGCACAACTTACGCTTACCTACCTGGGCTTGAAGAG  
GGCCCCACCGCGGAGACTTCTACTACCTGGATGGGCCCCCTGTGAATTACACCACTGGTACCCAGGGG  
AGCCAGGGGTCTGTGGCAAAGAGAAGTGTGTGGAGATGTACACAGATGGGCAGTGGAAATGACAGGAGCTG  
CCTGCAGTACAGACTGGCCATCTGTGAGTTTGTGAGCAGATGCAGAGGCCACGGGATAGACAGGGCCCTGC  
CTTGCCCTTTCAGCTCCCTCCTGAGGATCCACCTGCTCTGTGAGATGCTGTAACCTCTTACAACAAAAT  
GTATTTGTGTCTC  
>GBEQ0196 |Acc|AF288358 REGION: join(<683..842,2144..2208,4508..>4684)|Ver|AF288358.1

GI:14599451|Equus caballus agouti-signaling protein (ASIP) gene, ASIP-A allele, complete cds.

ATGGATGTCATTACCTGTTTCCTGGCCACCCTGCTGGTCAGCCTCTGCTTCCTCACTGCCTACAGCCACC  
 TGTCACCTGAGGAGAAGCCCAAAGATGACAGGAGCCTGAGGAACAACCTCCTCCATGAACCTGTTGGATTTC  
 CCCTTCTGTCTCTATCATGGCATTGAACAAGAAATCCAAAAAGATCAGCAGAAAAGAAGCAGAAAAGAAG  
 AAGAGATCTTCCAAGAAAAAGGCTTCGATGACGAAGGTGGCGCGGCCCGCTCTCTGTCAGCCCGCCCCCT  
 GTGTGGCCACCCGCGACAGCTGCAAGCCGCGCGGCCCGCTGCTGCGACCCGTGCGCCTCCTGCCAGTG  
 TCGCTTCTTCCGACGCGCTGCTCCTGCCGTGTGCTCACTCGCACCTGCTGA

>GBEQ0197 |Acc|AF288357 REGION: <654..>1607|Ver|AF288357.1 GI:14599449|Equus caballus  
 melanocortin 1 receptor (MCLR) gene, MCLR-E allele, complete cds.

ATGCCTCTGCAGGGGCCCCAGAGGAGGCTGCTGGGCTCCCTCAACTCCACCTCCAGCCACCCCTTACC  
 TCGGGCTGACCACCAACCAGACGGAGCCCCCGTGCCTGGAGTGTCCATTCTGATGGGCTCTTCTCAG  
 CCTGGGGCTGTGTAGCCTAGTGGAAAATGTACTGGTGGTGACTGCCATCGCCAAAGAACCGCAACCTGCAC  
 TCACCCATGTACTACTTCTATCTGCTGCTGGCCGTGTCCGACCTGCTGGTGAGCATGAGCAACGTGCTGG  
 AGATGGCAATCTGTCTGCTGCTGGAGCGGAGTCCCTGGCCACCCAGGCTCGGTGTGTCAGCAGCTGGA  
 CAACATCATTTGATGTGCTCATCTGCGGCTCCATGGTGTCCAGCCTCTGCTTCTTGGGCAGCATTGCCGTA  
 GACCGCTACATCTCCATCTTCTATGCGCTGCGGTACCACAGCATCATGATGCTGCCCGTGTGTGGCGTG  
 CCATCGTGGCCATCTGGGTGGTTAGTGTCTCTTAGCACCTCTTCTATCGCTTACTACAACCACACGGC  
 TGTCTGCTCTCTCTCGTCACCTTCTTGTGGCCATGCTGGTGTCTATGGCAGTGCTGTACGTGCACATG  
 CTCGCCAGGGCGTGCCAGCACGCCCGGGGCATCGCCCGGCTCCACAAGAGGCAGCACCCCATCCACCAGG  
 GCTTTGGCCTCAAGGGTGCCGCCACCTCACCATCTGCTGGGCGTTTTCTTCTCTGCTGGGGCCCCCTT  
 TTTCTGACCTCTCACTCCTTATCCTCTGCCCTCAACACCCACCTGCGGCTGTGTCTTCAAGAACTTC  
 AAGCTCTTCTCACCCTCATCTGTGTCAGCGCCATCGTCGACCCCTCATCTATGCCTTCCGACGCCAGG  
 AACTTCGAAAGACGCTCCAGGAGGTGCTGCTGTGCTCCTGGTGA

>GBEQ0198 |Acc|AF034077 REGION: |Ver|AF034077.2 GI:5706737|Equus caballus alpha-1-  
 antitrypsin (Spi2) gene, complete cds.

AGTGAATCGACATGCCATCCTCCGTCCCATGGTGCCTCCTCTGCTGGCAGGCCTGTGCTGCCTGGTCC  
 CCAGCTCCCTGGCTGAGGATCTGCAGGGATGTGCTGTGCAGGAGACACATGCAACTGCACATGATGAGGA  
 ACACCTGCAGGAGCCAGCCGAACACAAGATTGCCCCGAACCTGGCTGACTTCGCCCTCAGCCTGTACCGC  
 CACGTGGCCCATCAGTCCAACACCACCAACATCTTCTTCTCCCCAGTCAGCATCGCGACCGCCTTCGCGT  
 TGCTCTCCCTGGGAGCCCAAGGGCGACACTCACACCCAGATCCTGGAGGGCCTCAGTTTCAACCTCACTGA  
 GCTAGCTGAGGCTCAGATCCACGACGGCTTCCAGCATCTCCTGAACGCCCTCAACCACTCAGACAATCAA  
 CTGCAGCTGACCACGGGCAATGGGCTGTTCATCGACGAGAGTGCAAAGCTACTGGATAAGTTTTTGGGAAG  
 ACGTCAAGAACTGTACCACTCAGAAGCCTTCTCCATCAACTTCAGGGACACTGAAGAGGCCAAGAAACA  
 GATCAATGATTATGTGAAAAGGGAACCCAAAGGAATTTGGATTTGGTCAAGGATCTTGACAAAAGAC  
 ACAGTTTTTGGCTCTGGTGAATTACATTTTTTTTAAAGGCACATGGGAGAAGCCCTTCGAGCCTGAGTATA  
 CAACAGAGCAGGACTTCCACGTGGACGAGAAAACACGGTCAGGGTGCCCATGATGCACCGCCTGAGCAG  
 CTTTGACGTCCAGTACTCTGACACGCTCTCCAGCTGGGTGCTGCTGTTGGACTACGCGGGCAACGCCACG  
 GCCTTCTTCATCTGCCCCGACAGGGGAAGCTGCAGCACCTGGAGGACACACTCACCAGGGGATCCTCG  
 CCAGGTTCTTGGGAAAACAGACACTCGAGTTTCTGTCATGTACATTTGCCCAAACCTGTCCATTTCTGGAAC  
 TTATGATCTAACAAGCATCCTGCCTGAGCTGGGCATCACCAGGTCTTCAGCAGGCAGGCAGACCTCTCC  
 GGGATCACTGAGGAAGTGCCCTTGACGGTGTCCAAGGCGCTGCACAAGGCCGTGCTGACCATTGACGAGA  
 AAGGCACTGAAGCTGCCGGGACACGATGTGGGAAATCATGCCCATATCGTTACCCCCAGATCTGAAGTT  
 CAACAGGCCCTTCGTCCTTAATCATCTACGATAGAAAACCAAGAGTCCCCTCTTCGTGGGAAAGGTGGTG  
 GATCCCAACCCCAAAATAGCTGCCTCTCTGGTTACGCCCTCCCTCTCTGGCCAGGTCCCCACACAGACT  
 ACATTAA

>GBEQ0199 |Acc|AF027335 REGION: |Ver|AF027335.1 GI:2586068|Equus caballus prostaglandin  
 G/H synthase-2 gene, promoter and complete cds.

GTTGTCAAACGACTTGACGCGAGCGTCAGAGGTCCGCCCAGGCAAGCCGACAGCGCCTCCTCCAGCACT  
 GCCTCCCAGCCCGCACCCGGCACCGCCTCCGCCCGCCGCGTCTGCCAGCCGCCCAGATGCTCGCCCGC  
 GCCCTGCTCTGCTGCTGCCCTGGCGCTCGGCCACGCAAGCAATCCTTGCTGTTCACCCCGTGTCAAA  
 ACCGAGGTGTATGTATGAGTGTGGGATTTGACCAGTATCAGTGTGACTGCACGCGCACAGGATTCTATGG  
 TGAAGAACTGTTCAACACCTGAATTTCTGACAAGGATAAAATTAATCCTGAAACCTACTCCAAACACAGTA  
 CACTACATACTTACCACTTCAAGGGAGTCTGGAACATTGTCAATAGCTTTCCCTTCTCGGAAATGCAG  
 TTATGAAATACGTGTAGTATCCAGATCAATTTGATTGAGAGCCCGCAACTTACAATGCACAGTATGG  
 CTATAAGAGCTGGGAATCCTTTTCAACCTCTCGTATTACACCAGAGCTCTTCTCTCTGTGGCTGACGGC  
 TGCCCAACCCCATGGGTGTGAAAGGGAAGAAAGAGCTTCTTGATTCAAAGAGATTGTGAAAAATTTT

TCCTAAGAAGAAAGTTTCATCCCTGACCCCCAGGGCACAAATATGATGTTTGCATTTTTTGCCAGCACTT  
CACCCATCAGTTTTTTCAAGACAGATCCTAAGCGAGGTCCAGCTTTCACCAAAGGCCTGGGTACAGGGGTG  
GATTTAAGTCATATTTATGGTGAACTTTGGATAGACAGCATAAACTGCGCCTTTTCAAGGACGGAAAAA  
TGAAATATCAGATCATTAAATGGCGAGGTGTATCCGCCACAGTCAAAGACACTCAGGTGGAAATGATCTA  
CCCGCCTCATATTCCTGAGCACCTGCGGTTTGTCTGTGGGGCAGGAGGTCTTTGGTCTGGTGCCTGGCCTG  
ATGATGTATGCCAGGATTTGGCTGCGGAACACAACAGAGTGTGTGATGTCTCAAACAGGAGCATCCAG  
AATGGGATGATGAACGCTTGTTCAGACGAGCAGGCTCATCTGATAGGAGAACTATCAAGATCGTGAT  
TGAAGACTACGTACAGCACCTGAGCGGCTATCACTTCAAACGAAGTTTGACCCAGAGCTGCTTTTCAAC  
CAACAGTTCCAATACCAAACCGCATTTGCCGCTGAGTTCAACACGCTCTATCACTGGCATCCCCCTTCTGC  
CTGACACCTTCAAATCGATGACCAGGAGTACAACCTTCAACAGTTTCTCTACAACAACCTCTATCTTACT  
GGAACATGGACTCACCCAGTTTGTGAATCTTTACGAGGCAAATTGCTGGCAGGGTGGCTGGTGGTAGG  
AATGTTCCAGCTGCAGCACAGAAAAATAGCAAAGGCCTCAATCGACCAGAGCAGAGAGATGAAGTACCAGT  
CTCTGAATGATACCGCAAACGCTTTCGGCTGACGCCCTATAAATCATTTGAAGAACTTACAGGAGAGAA  
GGAAATGGCTGCGGAGTTAGAAGCACTCTATGGTGACATTGATGCCATGGAGCTGTATCCTGCCCTTCTG  
GTGAAAAGCCTCGCCAGATGCCATCTTCGGGGAGACCATGGTAGAAGTTGGGGCACCATTCTCCTTGA  
AAGGACTTTTGGGTAATCCTATCTGTTCTCCTGACTACTGGAACCCAGCACTTTTGGTGGAGAAGTAGG  
TTTTAAATCATCAACACTGCCCAATTCAGTCTCTCATCTGCAATAACGTGAAGGGCTGTCTTTTACT  
GCCTTCAGTGTTCAGGACCCGAGCTCAGCAAAGCAGTCACCATTAATGCCAGCGCTTCCCACTCTGGAC  
TAGATGACGTGAATCCACAGTACTGCTCAAAGAACGTTCAACTGAAGTGTAGAAATCTATGGATCATAT  
TTATTTATTTATATGAATATTTCTTTTAACTTAATTATTTAATATTTATATGAAGTCTCAGGTTACT  
TAACATCTTCTGTTAAGGAGAAAGGAGGCATGCTTGTGAAGATTTTTGTGTCTACTATTTTAAAGGTGTCT  
TTTCTGCAAGGGGAAACAGTTTTCATTCCTTTTTATAAACCAGTGGGAAGTGAAGTTTGAATGTTTTTA  
CTTGAATTTCAATTTACGTTATGTATAATAAGAACAAAAGCAAAGATGTTGGAACATTTAAATACCTGTTA  
CAAGATAGCAAATGCTGCAAGTTTCTTTTGACACTATTGATACTTTCAAGTGTATCTTCATGATGCATT  
AGAAGCAACTACCTGCGCACTGTTCTTTTCATTTCTCTAGCCATTTTGTCTAAGAGAACTCTCTCTGTA  
TCAGTTTACTCTTTTATTTTGTCTTCTGCTTTTAAAGTCTGAATTTGTCTTTCTTTGGACTCTCTGTC  
TATATTTTCTTATCTGAAGTTTTCAGGTTTTTCAAGAAAACCTCAGCTCAGGACTACTATTTGACTCCTC  
TTAAGAGGAATAAAAGAAAAATTTTAAAAACCCATAAAAAATGACTTTACAGGGGCCAGCCCAGTGGGGT  
AGTGGTTAAGTTTACAGGCTACACTTCAGTGGCATGGGGTTTGTAGGTTTCAATCCCAGGCTCAGACCTA  
CACACCATTATCAAGCATGCTGTGGTGACATCCACATACAAAATACAGGATGATGGGCACAGATATT  
AGCTCAGTGACAATCTTCTTCAAGCAAAAAGAGGAAAAATTTGGCAACTGATGCTGGCACAGGGCCAGTCTT  
CCTCACCAAAAAAAGGCCCTTTACAAAATGGTATGCATTCAATTTTTCATGAAAAGCAGAGAGCTTTATTT  
ATAATTAATTTGAAGTATGTGTAACAGAGAAGCCACAAAGAGGCTAATGCTTTGAAAGAACCATGGGG  
GGTTCTTGACAGGAAGAACTTATCTTCTGTTCTAATGAATTTAAAAACAAAACCAAACTCCTGAA  
TAGTCCCCAGGAAGATGATGCTTCTTCTTTCCATCTCATTTGTCAGCTGACATTTTCTGGTCTGT  
ATTACTTAATTTATTGAATATTTATTTATGTTTCATTAGGACATTATTGTTATAAACTGGTTTTAAGC  
CTGCAATCATTTGATTTTTTTTTGTTATATCAGAATCAATATATCTTTGGAATTACCTCTTTGAATTTAT  
GTAAACTACAAAAGACATTATTAGATTAAGATTTGTAGGGGCCAGCCAGCGTCCACATACAAAATAGA  
GGAAGATTGGCAGAGATGTTACCTCAGCAACAAGCTTCTCAAGCAAAAAGAGGAAGATTGACAGTAGAG  
TTAACTCAGGGCCAATCGTCTCACAACAAAAA

>GBEQ0200 |Acc|AF031664|Ver|AF031664.1 GI:2921281|Equus caballus cytochrome P450  
cholesterol side-chain cleavage (P450scc) gene, complete cds.  
GTTGTGGGGACAGCATGCTGGTCAGGGGGCTTCTCTGCGCTCAGTCTTGGTCAAAGGCTGCCAGCCCT  
CCTGAGTGCTCCTCGGGAGGGCCCGGGGCACCCAGGGTGGCCACTGGAGAGGGAGCCGGCATGTCCAGT  
CACAGCCCTCGCCCCCTTCAAGGAGATCCCCCTCCCTGGTGACAATGGCTGGATAAACCTCTACCATTTCT  
GGAGGAGAAGGGCCCAAAGAAATTACACTATCACCATTCCAGAATTTCCAGAAGTATGGCCCCATTTA  
CAGGGAGAGCTTGGCAACGTGGAGTCAGTTTATATCTGGGACCCTGAAGATGTGGCTCTTCTCTTAAG  
TTCGAGGGTCCCCATCCGGAACGATTTCTCATCCACCCCTGGACCGCCTATCACCAGTATTTTTCAGAAAC  
CTGTTGGGGTCTGTTTAAAGAGCTCAGACGCCTGGAAGAAAGACCGGCTAGCTCTGAACCCGGAGGTGAT  
GGCTCTAGAGTCCATAAAGAACTTCATTCCCCTGCTGGACCCGGTGTGCGAGGACTTCGTGAGCCTCCTG  
CACAGGCGCATGGGACAGCAGGGCTCCGGAAAGTTCTGTTCCCATCATTTGAAGACCTGTTTCTCGTTTCG  
CCTTCGAGTCCATCACCACGTCATATTTGGGGAGCGCCAGGGGATGCTGGACGAGATAGTGGACCCCTGA  
GGCCAGCGCTTCATTGATGCGCTCTACAAGATGTTCCACACACAGCGTCCCATGCTCAGCCTCCCCCA  
GACCTGTTCCGTCTGTTTCAAGACCAAGACCTGGAGGGACCATGTGGCCGCATGGGACACAGTTTTTATGTA  
AAGCTGAACAATGACACCGAGAAATTTCTACCAGGACCTGAAACAGAAAAGACACTTCGACAGTTATCCAGG  
CATCTTCTACCGCCTCCTAGCAAGCAACAAGCTGCCCTTTAAGGACATCCAGGCCAACGTTACCGAGATG  
CTGGCGGGGGCGTGGACACGACGTCCATGAGCCTGCACTGGCACCTGTACGAGATAGCACGCAACCTAA

534

CTTCTGCCTGCTGCACTTTGGGGTGATCGGCCCCAGAGGGAAGAGCAGTTACCGAATGCCTTCCAGTCA  
ATCAACCCTCTGGCCCAGACACTCAGATCATCTTCTCGAACCCCAAGTGACAAGCCTGTAGCCCATGTTG  
TAGCAAACCCCCAAGCCGAGGGGAGCTCCAGTGGCTGAGTGGGCGTGCAAATGCCCTCCTGGCCAATGG  
CGTGAAGCTGACAGACAACCAGCTGGTGGTACCATTGGATGGGCTGTACCTCATCTACTCCCAGGTCTCTC  
TTCAAAGGCCAAGGCTGCCCTTCCACCCATGTGCTCCTCACCACACCATCAGCCGCTTAGCTGTCTCCT  
ACCCGTCGAAGTCAACCTCCTCTCTGCCATCAAGAGCCCTTGCCACACGGAGTCCCCAGAGCAGGCTGA  
AGCCAAGCCCTGGTATGAGCCCATCTACCTGGGAGGAGTCTTCCAGCTGGAGAAGGGTGATCAACTCAGC  
GCTGAGATCAATCAGCCCAACTATCTCGACTTTGCGGAGTCCGGGAGGCTCTACTTTGGGATCATTGCCC  
TGTGAGGGGGGTACGTCCGTCTCGCCACCTCAATCCCTTTATTATCTGCTCCTTCAGAACCCTCTCAT  
CCCTTCTGAGGTTTAGAAAGGGAATGAAGGGCTCAGGGCCGGGCCCCAAACTCAGAACTTGAACAACA  
ACAACACTTAGAAACCTAGAATGCAGGGATGTGTGACCTGGACAACGGGGCACCAGTCAACCAAGAAT  
TCAAACCTGGGGCTTCCAGAACTCACTGGGGCCCTCAGATTGGATCCCTGAATGCAGCCTGGGACACCTG  
GAACGTGGGGGCCAGGAAACCTTTGGTTCTGGCCAGAACACTTCAGAACATCCGTTGAGAAGATCTCACC  
CAGAACTTGATGAGAGTGGACCACAGGTCCTCCCTTTTCAAATGTTTCAAACCTCTCCCCGAGTTGTA  
GAGCCCAGGCCCTCCGCCATGGGGCCGGCTCCCTCTATTATGTCTGCACTTGAGATTATTTATTTATTTA  
TTTATTATTTATTTATTTGGATCCCG

>GBEQ0206 |Acc|M10654 REGION: join(616..721,800..846)|Ver|M10654.1 GI:164238|Horse  
protamine 1 (PRM-1) gene, complete cds.  
ATGGCCAGATACAGATGCTGCCGAGCCAGAGCCAGAGCAGATGCCGTGCCGCGGAGACGAAGATGTC  
GCAGGCGAAGGAGGAGATCCGTTCCGGCAGAGGAGAGTGTGCTGCCGCGCTACACTGTCTTGAGGTGTAG  
GAGAAGACGATAG

>GBEQ0207 |Acc|M60100 REGION: join(496..741,1182..1618)|Ver|M60100.1 GI:164236  
|E.caballus MHC class II DR alpha chain (A2 haplotype) gene, 3' end.  
AGGATCACGTAATCATCCAGGCTGAGTTCTATCTGAAGCCTGGCGACTCAGGAGAGTTTATGTTTGACTT  
TGATGGTGTGAGATTTTTCAGTGGATATGGACAAGAAGGAGACGGTCTGGCGGCTTGAAGAATTTGGA  
CGTTTTACCAGCTTTGAGGCTCAGGGTGCTTTGGCCAATATAGCTGTGGACAAGCCAACCTGGAGATCA  
TGATGAAGCGCTCCAACAACACTCCAACACCAATGTACCTCCAGAGGTGACTGTGCTCCCAACAAGCC  
TGTGGAACCTGGGAGAGCCTAACGTTCTCATCTGTTTCGTGACAAGTTCTCCCCACAGTGATCGATGTC  
ACGTGGCTTAAAAATGGAAAACCTGTCAACATGGGAGTGTGAGAGACAGTCTTCTGCCAGGGATGACC  
AACTTTTCCGCAAGTTCCTACTATCTCCCTTCTTGGCCCTCAACTGAGGATGTTTATGACTGCAAGGTGGA  
GCATTGGGGTTTGGATGAGCCTCTTCTCAAGCACTGGGAGTTTGAAGCGCCAACCTCCCTCTCAGAGACA  
ACAGAGAATGTGGTGTGTGGCCTGGGCCTGTTGTGGGTCTGGTAGGAATCATTGTTGGGACCATCTTCA  
TCATCAAGGCTGTGCGCAAAGGCAATGCTGTTGAACGCCAGGGCCTCTGTGA

>GBEQ0208 |Acc|M14544 REGION: 1421..2008|Ver|M14544.1 GI:164230|Horse interferon-omega-1  
gene, complete cds.  
ATGGCTTTCTCAGTGTCTTCCCTGATGGCACTGGTGGTGTCTCCTCCAGCCCCGTCTCCTCCATGAGCT  
GCGACCTGCCTGCGAGCCTTGACTTGAGAAAGCAGGAGACCTCAGAGTTCTGCACCAGATGGAGACAA  
CTCTCCTCCTTCTGTCTGAAGCACAGGACAGACTTCAGGTTCCCCCAGGAGCAGCTGGATGGCAGGCAG  
TTCCAGAGGCCCAGGCCACGTCTGTCTCCAGGAGATGCTCCAGCAGATCGTCAGCCTCTTCCACACAG  
AGCGCTCGTCTGCTGCCTGGAACACGACTCTGCTGGACCGACTCCTCGCGGGACTCCATCAGCAGCTGGA  
AGACCTCAACACCTGCTTGGATGAGCAGACAGGAGGAAGAATCCGCCCTGGGAAGTGTGGGCCCTACA  
CTGGCCGTGAAGAGTACTTCAGGAGAATCCGTCTGTACCTGACAGAGAAGAAATACAGTGACTGTGCCT  
GGGAGATTGTCAGAGTGGACATCATGAGATCCTTCTCTCATCAGCAAACCTGCAAGGAAGGTTAGGAAT  
GAAGGATGGAGACCTGGGGTCACCTTGA

>GBEQ0209 |Acc|M14546 REGION: 697..1257|Ver|M14546.1 GI:164228|Horse interferon-beta  
gene, complete cds.  
ATGACCTACAGGTGGATCCTCCCAATGGCCCTCCTGCTGTGTTTCTCCACCACGGCTCTTTCTGTGAACT  
ATGACTTGCTTCCGGTCCCAACTAAGAAGCAGCAATTCAGCATGTCTGATGCTCCTGCGGCAGTTGAATGG  
AGCCCCCAACGTTGCCCGGAGGACACAATGAACCTCCAGGTCCCTGAGGAGATTGAGCAAGCACAGCAG  
TTCCAGAAAGGAGGATGCTGATTTGGTCACTATGATGCTCCAGCACACCTGGCGTATTTTTCAGAAAGAA  
ATTTTCGCTAGCACTGGCTGGAATGAGACCATCGTTAAGAACCTCCTTGTGGAAAGTCCATCTGCAGATGGA  
CCGTCTGGAGACAAACCTGGAGGAAATAATGGAGGAGGAAAGCTCCACCTGGGGAAACACAACCATTTCTG  
CGCCTGAAGAAATACTACGGAAGGATCTCGCAGTACCTGAAGGCCAAGAAGTACAGCCACTGTGCCTGGA  
CAGTGGTCCAAGCGGAAATGCTCAGGAACCTTGGCCTTCTTAACGGACTCACAGATTACCTCCAAACCTG  
A

>GBEQ0210 |Acc|M14545 REGION: 129..716|Ver|M14545.1 GI:164217|Horse interferon-omega-2  
gene, complete cds.



ATGGCCCTCCTGCCCTCTCTCTTGACGGCCCTGGTGGTGTACGAGTTATGGCCCTGTGGAGCTCTGGGCT  
GTGACCTGCCTCAGAACCATCTCTGGTTAGCAGGAAGAACTTCGTGCTTCTGGGCCAAATGAGCAGAAT  
CTCCTCCGCAATCTGTCTGAAGGACAGAAAAGACTTCAGGTTCCCCCAGGACATGGCGGATGGCAGGCAG  
TCCCCAGAGGCCAGGCCGCGTCTGTCTCCACGAGATGCTCCAGCAGATCTTCAGCCTCTTCCACACAG  
AGCGCTCGTCTGTCTGCCGGAACACGACCCCTCCTGGACGAACTCTGCACGGGACTCCTTCGGCAGCTGGA  
AGACCTGGACACCTGTTTGGAGCAGGAGATGGGAGAGGAAGAATCTGCCCTGGGAACCTGTGCGCCCTACA  
CTGGCCGTGAAGAGGTACTTCCGGGGGATCCATCTCTACCTGAAAGAGAAGAAATACAGTGACTGTGCCCT  
GGGAGATTGTCCGAATGGAAATCATGAGATCCTTCTCTCATCAGCAAACCTGCAAGGAAGGTTAAGAAT  
GAAGGATGGAGACCTGGGCTCACCTTGA  
>GBEQ0211 |Acc|AY196483|Ver|AY196483.1 GI:28628570|Equus caballus INSL3/relaxin receptor  
LGR8 mRNA, partial cds.  
TTATAGCTTTCATTACCTGCTTTGAAAATCTTTTTGTTATTGGCATGAGATCTTTCATTAAAGCTGAAAA  
TACGACTCAGCTATGTCCATCAAAATCCTTTGTTGTGCGGACTGCCTCATGGGTGTTTATTTGCTCTC  
GTCGGCTTTTCCGATATAAAGTACCGCGGGCAGTACCAGAAGTACGCTTTGCTGTGGATGGAGTTTGC  
AGTGCCGCTCATGGGCTTCTCGGCCATGCTGTCCACCGAAGTCTCCGCTCTGTTGCTGACATACTTGAC  
TCTGGAGAAGTTCCTGGTCATTGTCTTTCCCTTCAGTAACATTCGTCTCGGAAAACGGCAGACTTCGGTC  
ATCCTCATTTGCATCTGGATTGTGGGATTTTTAATAGCTGTGATTCCATTTTGAACGAGGATTATTTG  
GAACTTTTATGGAAGAAATGGAGTATGTTTCCACTTTATTATGACCAACAGAAGATATTGGAAGCAA  
AGGTATTCTCTGGAAATTTCTTAGGTGTGAACCTTGCTGGCTTTTCTCATCTGTTGTTTTCTATAT  
ATTATGTTCTGTTCATTCAAAAACTGCCTTGACAGACTTCAGAAGTGAGGAACCCATTTGGAAGAAAAG  
TGGCTGTTGCAATCGTTTCTTT  
>GBEQ0212 |Acc|AY237113|Ver|AY237113.1 GI:29826065|Equus caballus elongation factor 1a  
(EF-1a) mRNA, partial cds.  
TGTGGAATTCGAGACCAGCAAGTATTATGTGACCATCATTGATGCCCCCGACACAGAGACTTCATCAA  
AAACATGATTACAGGCACGTCTCAGGCTGACTGTGCTGTCTCATTGTGCTGCTGGTGTGGTGAATTT  
GAAGCAGGTATCTCCAAGAATGGGCAGACCCGTGAGCATGCCCTTCTGGCTTACACACTGGGTGTGAAC  
AATAATTGTTGGTGTAAACAAAATGGATTCCACTGAGCCACCTTACAGCCAGAAGAGATATGAGGAAT  
CGTTAAGGAAGTCAGCACCTACATTAAGAAAATTGGTTACAACCCAGACACAGTTGCATTTGTGCCAAT  
TCTGGTTGGAATGGTGACAACATGCTGGAGCCAAGTGCTAATATGCCTTGGTTCAAGGGATGGAAGTCA  
CCCGTAAAGATGGCAATGCCAGTGGAACTACACTGCTTGAAGCTCTGGATTGCATCCTGCCACCAACTCG  
TCCAACATGATAAGCCCTTGCGTCTGCCCTCCAGGACGTCTACAAAATTGGTGGTATCGGTACTGTCCCT  
GTGGGCCGAGTGGAGACTGGTGTTTTGAACCTGGCATGGTGGTCACTTTGCTCCAGTCAATGTTACAA  
CTGAAGTAAAGTCTGTTGAAATGCATCATGAAGCTTTGAGCGAAGCTCTTCTGGGGACAACGTGGGCTT  
CAATGTCAAGAACGTGTCCGTCAAAGATGTTCCGCCGTGGCAATGTGGCTGGTGACAGCAAAAATGATCCA  
CCAAGTGAAGCAGCTGGCTTACAGCTCAGGTGATTATCCTGAACCATCAGGCCAAATCAGTGCTGGGT  
ATGCACCTGTGCTGGATTGTACACAGCTCACATTGCTTGCAAGTTTGTGAGCTGAAGGAGAAGATTGA  
TCGTCGTTCTGGAAAGAAGCTGGAAGATGGCCCCAAATTTGAAATCTGGTGTGCTGCCATCGTTGAT  
ATGGTTCCTGGCAAGCCCATGTGTGTTGAGAGCTTTTCTGACTATCCTCCTCTGGGCCGTTTTGCTGTT  
GTGACATGAGACTGAC  
>GBEQ0213 |Acc|AJ551396|Ver|AJ551396.1 GI:29335684|Equus caballus partial mRNA for glial  
fibrillary acidic protein (GFAP gene).  
GATGAAACCAACCTGAGACTGGAGGCTGAGAACAACCTGGCTGCCTATCGACAGGAGGCAGATGAAGCCA  
CCCTGGCCCGAGTGGACCTGGAGAGGAAGATTGAGTCTCTGGAGGAGGAGATCCGGTTCTTGAGGAAGAT  
CCACGAGGAGGAGGTGCGGGAGCTCCAGGAGCAGCTGGCCAGCAGGTCATGTAGAGCTCGATGTG  
GCCAAGCCGACCTGACGGCGGCCCTGAGAGAGATCCGCACGCAGTATGAGGCAATGGCGTCCAGCAACA  
TGACAGGAGGCGGAAGAGTGGTACCGGTCCAAGTTCGCGGACCTGACGGACGCCGCTGCCCGCAACGCAGA  
GCTCC  
>GBEQ0214 |Acc|AB106279|Ver|AB106279.1 GI:29126056|Equus caballus DCN mRNA for decorin,  
partial cds.  
ATCAGCAAAATCAGTCCAGAGGCATTCAAACCTCTCGTGAAGTTGGAAAGGCCCTTACCTGTCTAAGGACC  
AACTAAAGGAAGTGCCTGAAAAAATGCCAGAACTCTCCAGGAACCTCGTGTCCATGAGAATGAGATCAC  
CAAGCTGCGGAAATCCGACTTCAATGGACTGAACAATGTGCTTGTATAGAACTGGGCGGCAACCCACTG  
AAAACTCTGGGATTGAAAACGGAGCCTTCCAGGACTGAAGAGTCTCTCATACATTGCGATCTCAGACA  
CCAACATAACTGCGATCCCTCAAGGTCTGCCTACTTCTCTGCTGAAGTGCATCTAGATGGCAACAAGAT  
CACCAGGTTGATGCACCCAGCCTGAAAGGACTGATTAATTTGTCTAACTGGGATTGAGCTTCAACAGC  
ATCACCGTTATGGAGAATGGCAGTCTGGCCAATGTTCTCATCTGAGGGAACCTCACTTGGACAACAACA  
AACTCTCAGGGTGCCTGTCTGGGCTGGCACAGCATAAGTATATCCAGGTCGTCTACCTTCAACAACAACA

CATCTCCGCAGTTGGGCAAAATGACTTCTGCCGAGCTGGACACCCCTCTCGAAAGGCTTCTACTCGGCT  
GTGAGTCTTTACGGCAACCCCT  
>GBEQ0215 |Acc|AB106278|Ver|AB106278.1 GI:29126054|Equus caballus BGN mRNA for biglycan,  
partial cds.  
AGCCTGAGTTTTCTGCCTACCCTGAGGGAACTTCACCTGGACAACAACAAGCTGTCCCGGGTGCCTGCTG  
GCCTCCCAGATCTCAAGCTCCTCCAGGTTGTCTATCTGCACTCCAACAACATCACCAAGGTGGGCATCAA  
TGACTTCTGTCCCTATGGGCTTCGGAGTCAAGAGGGCTACTATAATGGCATCAGCCTCTTCAACAACCCCT  
GTGCCCTACTGGGAAGTGCAGCCTGCCACCTCCGCTGCGTTACTGACCGCTGGCCATCCAATTTGGAA  
ATTATAAGAAG  
>GBEQ0216 |Acc|AB106119|Ver|AB106119.1 GI:29122664|Equus caballus Tbeta-RII mRNA for TGF  
beta receptor type II, partial cds.  
GAAAGCATGAAGGACAACGTCCTTGAGAGATCGAGGACGACCAGAAATTCACGCTCCTGGCTCAACCACC  
AGGGCATCCAGATGTTGTGTGAGACTCTGACCGAGTGCTGGGACCAACGACCCGGAGGCCCCGTCTCACGGC  
CCAGTGCGTGGCAGAACGCTTCAGCGAGCTGGAGCAGATGACAGACTCTCGGGGAGGAGCTGCTCCGAG  
GAGAAGATTCCCGAAGACGGCTCCCTAAACACTACC  
>GBEQ0217 |Acc|AB106118|Ver|AB106118.1 GI:29122662|Equus caballus ALK5 mRNA for TGF beta  
receptor type I, partial cds.  
AACCAGCTGTCTATTCACCATCGAGTGCCAAATGAAGAGGATCCTTCATTAGATCGCCCTTTTATTTTCAG  
AGGGCACTACGTTAAAAGACTTAATTTATGATATGACAACATCAGGTTCTGGATCAGGTTTACCATTGCT  
TGTTTCAGAGAACAATCGCGAGAACTATCGTGTACAAGAAAGTATCGGCAAAGGTGCGATTTGGAGAAGTT  
TGGCGAGGGAAGTGGAGAGGAGAAGAAGTCGCTGTTAAAATATTTCTCTAGAGAAGAACGTTTCATGGT  
TCCGTGAGGCGGAGATTTATCAAATGTAATGTTACGTCATGAAAACATCTTGGGATTTATAGCAGCAGA  
CAACAAAGACAAT  
>GBEQ0218 |Acc|AB106116|Ver|AB106116.1 GI:29122658|Equus caballus SMAD7 mRNA for Smad7,  
partial cds.  
TATTGGGAGGAGAAGACGAGAGTGGGGAGGCTCTACTGTGTCCAGGAGCCCTCCCTGGACATCTTCTATG  
ATCTACCTCAGGGGAATGGCTTTTGCCTCGGACAGCTCAATTCCGACACAAGAGTCAGCTGGTGCGAGAA  
AGTGCGGAGCAAAATCGGCTGTGGCATCCAGCTAACGCGGAAGTGGATGGCGTGTGGGTGTACAACCGC  
AGCAGTTACCCCATCTTCATC  
>GBEQ0219 |Acc|AB106115|Ver|AB106115.1 GI:29122656|Equus caballus SMAD6 mRNA for Smad6,  
partial cds.  
TCTCCGCCACCTCCCTACTCTCGGCTGTCTCCTCGGACGAGTACAAGCCACTGGATCTATCTGATTCCA  
CATTGTCTTACACTGAAACGGAGGCCACCAACTCCCTCATCACTGCTCCGGGTGAATTCTCAGACGCCAG  
CATGTCTCCGGATGCCACCAAGCCGAGCCACTGGTGTAGCGTGGCCTACTGGGAGCACCGGACACGTTGTG  
GGCCGCTCTACGCGGTGTACGACCGCCGTCAGCATCTTCTACGACCTACCTCAGGGCAGTGGCTTCT  
GCCTGGGCCAGCTCAACCTGGAGGAGCGCAGCGAGTCGGTGGCGCGCACGCGCAGCAAGATCGGCTTCGG  
TATCCTGCTCAGCAAGGAGCCCGACGCGTGTGGGCTACAACCGCGCGAGCACCCCATCTTCGTCAAC  
>GBEQ0220 |Acc|AB106114|Ver|AB106114.1 GI:29122654|Equus caballus SMAD5 mRNA for Smad5,  
partial cds.  
CCACATTCTTCCACCAGCCCAACAACACTCCTTTCCCTTATCTCCGAATAGCCCCCTACCCCCCTTCCC  
CTGCTAGCAGCACGTATCCCAACTCCCCAGCAAGTTCTGGACCAGGAAGTCCATTTAGCTCCCAGCTGA  
TACTCCTCCTCCTGCCTATATGCCACCAGATGATCAGATGGGTCAAGATAATTCCCAGCCCATGGATACA  
AGCAATAATATGATTCTCAGATTATGCCAGTATATCCAGTAGAGATGTTACGCTTGTGCCTATGAAG  
AG  
>GBEQ0221 |Acc|AB106113|Ver|AB106113.1 GI:29122652|Equus caballus SMAD1 mRNA for Smad1,  
partial cds.  
GCTCAGTTATTGGCAGAGTCTGTGAACCATGGCTTCGAGACAGTTTATGAGCTCACAAAGGTGTGTACTA  
TACGCATGAGCTTCGTGAAGGGTTGGGAGCAGAATACCACCGCCAGGATGTTACCAGCACCCCTGCTG  
GATCGAGATCCATCTGCATGGCCCCCTCCAGTGGCTGGATAAAGTGCTTACTCAGATGGGTTCACCTCAT  
AATCCT  
>GBEQ0222 |Acc|AJ539224|Ver|AJ539224.1 GI:28193094|Equus caballus partial mRNA for  
sodium/potassium dependent ATPase beta-1 subunit.  
AAAAGACTGAAATTTCTTCNTTCCCTAATGATCCCAAGAGCTATGAGGCGTATGTGYTGAACATAGTCAG  
GTTCTTGGAGAAGTACAAGATTTCCGCCAGAGGACGACATGATTTTTGAAGAATGTGGCAGTGTGCC  
AGCGAACTCAAAGAAGGAGGAGAATTTAACAACGAACGAGGAGAGGAAAAGTCTGCAGGTTCAAGCTTG  
AGTGGTTGGGAAATGTCTGGAATAAATGATGAACTTACGGCTACAAAGAGGGCAAACCATGTGTCAT  
TATAAAGCTCAACCGAGTTCTGGGCTTCAAACCTAAGCCTCCTAAGAATGAGTCCTTGGAGACTTACCCA



GTGATGAAGTACAGCCCGTACGTCCTGCCTGTTTCAGTGCCTGGCAAGCGTGATGAAGATAAGGAAAAGA  
 TTGGAAACGTGGAGTATTTTGGACTGGGCGGCTACCCCGGGTTCCTCCCTGCAGTACTACCCCTACTACGG  
 CAAGCTCCTGCAGCCCAAGTACCTGCAGCCGCTGCTGGCAGTACAGTTCACCAACCTCACCATGGACACC  
 GAAATTCGCATAGAGTGAAGGCGTATGGTGAA  
 >GBEQ0223 |Acc|AJ519535|Ver|AJ519535.1 GI:26189985|Equus caballus partial mRNA for mu-  
 opioid receptor (oprml gene).  
 GGTACTGGGAAAACCTGCTGAAGATCTGTGTTTTTCATCTTTGCCTTCATCATGCCTATCCTCATCATTAC  
 AGTGTGTTATGGGCTGATGATCTTACGCCTCAAGAGTGTCCGCATGCTCTCTGGCTCCAAAGAAAAGGAC  
 AGGAACCTGCGAAGATCACCAGGATGGTGTGTTGGTGGTGTGTTTCATTGTCTGCTGGACGCCCCA  
 TTCACATCTACGTCATCATTAAAGCCTTGATCACAAATCCCGAAACTACTTTCCAGACCGTTTCTGGCA  
 CTTCTGCATTGCTCTAGGTTATACCAACAGTTGCCTGAACCCCGTCTTTATGCATTTCTGGATGAAAAC  
 TTCAAACGATGCTTCAGAGAGTTCTGTATCCCAACTTCCTCCACCATTGAGCAGCAAACTCCACTCGAA  
 TTCGTGAGAACACTAGAGACC  
 >GBEQ0224 |Acc|AF547432|Ver|AF547432.1 GI:23957577|Equus caballus Golgi apparatus protein  
 mRNA, partial cds.  
 TGTAGAATGCAGAGATATAGTCGGCAACCTCACCAGAGTTAGAATCCGAGGATATTCAAATAGAAGCCTTG  
 CTGATGAGAGCCTGTGAACCCATAATTGAGAAGCTTTTGCCGCGATGTGGCAGATAACCAGATAGACTCTG  
 GGGACCTGATGGAGTGTCTGATACAGAACAAGCACCAGAAAGATATGAATGAGAAGTGTGCCATTGGAGT  
 CACTCACTTCCAACCTGGTGCAGATGAAGGATTTTCGATTCTCTTACAAATTTAAATGGCCTGCAAAGAG  
 GATGTGTTGAACTTTGCCCCAACATAAAGAAGAAGGTGGACGTGGTGATCTGCCTAAGCACCACCGTGC  
 >GBEQ0225 |Acc|AF547431|Ver|AF547431.1 GI:23957575|Equus caballus cell division cycle 2  
 protein mRNA, partial cds.  
 GCTGCTGCGCGGCTGTGAAGCACCTACACGACAACCTGGATCCTGCACCGCGACCTCAAGACGTCCAACCT  
 GCTGCTGAGCCATGCCGGCATCCTCAAGGTGGGGGACTTTGGGCTGGCGCGGGAGTATGGGTCCCCTCTG  
 AAGGCCATATACCCAGTCGTTGTGACCCCTGTGGTACCGCGCCCCAGAGCTGCTGCTCGGTGCCAAGGAGT  
 ACTCCACAGCTGTGGACATGTGGTCACTGGGCTGCATCTTTGGAGAGCTGCTAAGTCAAGAGCCGTTGTT  
 TCCTGGGAAGTCAGAAATTGATCAGATCAACAAAGTGTTTAAGGACCTGGGGACCCCAAGTGAAGAAATC  
 TGGCCCGG  
 >GBEQ0226 |Acc|AF348966|Ver|AF348966.1 GI:13549106|Equus caballus clone RTAR12 MHC class  
 II antigen (ELA-DQB) mRNA, partial cds.  
 ACGGAGCGGGTGTGAGCTCGTGACCAGATACTCTACAACCGGGAGGAGTGCCTGCGCTTCGACAGCGACG  
 TGGGGGAGTACCGGGCGGTGACCGAGCTGGGGCAGCAGCAGGCCAAGTACCTCAACGGGCAGAAGGACGA  
 ACTGGAGCGGCTGCGGGC  
 >GBEQ0227 |Acc|AY032721|Ver|AY032721.1 GI:22073871|Equus caballus androgen receptor mRNA,  
 partial cds.  
 AGACTGCCAGGGATCATGCTCTGCCCATTTGACTATTACTTTCCACCCCAAGACCTGCCTGATCTGTGG  
 GGACGAAGCTTCTGGCTGTCACTATGGAGCTCTCACTTGTGGAAGCTGCAAAGTCTTCTTTAAAGAGCC  
 GCTGAAGGGAAACAGAAGTACCTATGTGCCAGCAGAAATGATTGCACCATCGATAAATTCGAAGGAAAA  
 ATTGTCCATCTTGTGCGCTCCGGAATGCTATGAAGCAGGGATGACTCTGGGAGCCCCGGAAGTTAAAGAA  
 ACTTGGTAATCTGAAACTACAGGAGGAAGGGGAGGCTTCCGGCGCCACCAGCCCCACTGAGGAGCCAACC  
 CAGAAGCTGACGGTGTACACATTGAAGGCTATGAGTGTGAGCCATCTTTCTGAATGTCCTGGAAGCCA  
 TTGAGCCTGGCGTGGTGTGTGCTGGACATGACAACAATCAGCCGGACTCCGTTGCAGCCTTGCTCTCTAG  
 CCTCAATGAATTGGGTGAAAGACAGCTTGTACATGTGGTCAAGTGGGCCAAGGCCCTGCTGGCTTCCGC  
 AACTTGCACGTGGACGACAGATGGCAGTCATTCACTACTCTGGATGGGGCTTATGGTGTGTTGCCATGG  
 GCTGGCG  
 >GBEQ0228 |Acc|AY114350|Ver|AY114350.1 GI:21747884|Equus caballus leukocyte common  
 antigen mRNA, partial cds.  
 CCTTCGGCACGAGCCGTCTGATAAGACCACAGTGAAGAAAGGACGCATGCCGTTTCAGAGGAATACGGCT  
 GATTCCCAGAAATGACCATGTATTTGTGGCTTAAACTCTTGGCTTTTGGCTTTGCTTTCTGGACCCAGG  
 AGCGTATGTTACAGGACAAGCCCAAAATGTTTACCATCTGCTGTCGCCCCAACCCGACGTCTCACCTT  
 CCCACGCACGCAGACTCGCAGGCGCCCTCTGACGGATCTGACACTCAGACACCCAGCAGCCAGGGTGGCC  
 CTCTCACACGCACCCCTGCTCCGGGCAGGAATGATACATCAGGTGTTCCAGAGGAGAGAATTACAACCAC  
 CACCTTCCCTGCAGACACAATTTTGACATCAGTAGCCACCCCTCAGCCCTGCACACAGCAGCTCTGCTGCC  
 TTACTGACGCATCTCCAGCTCCACCACCAAGATAACTCTCA  
 >GBEQ0229 |Acc|AF520988|Ver|AF520988.1 GI:21702702|Equus caballus dopamine D1-like  
 receptor mRNA, partial cds.  
 TTANAGGCTGTTTCTGTGCTGCTCATCCTGTCCACACTCCTGGGGAACACACTGGTCTGTGCGCGCG

TCATCAGGTTCCGACACCTGAGGTCCAAAGTGACCAACTTCTTTGTTATCTCCTTGCCGTGTCGGATCT  
CTTGGTGGCTGTCTTGGTCATGCCCTGGAAAGCTGTGGCTGAGATTGCTA  
>GBEQ0230 |Acc|AY112896|Ver|AY112896.1 GI:21360570|Equus caballus Indian hedgehog (IHH)  
mRNA, partial cds.  
CCGCAATAAGTATGGACTGCTGGCGCGCTTGGCAGTGGAGGCCGGCTTCGACTGGGTGTATTACGAGTCT  
AAAGCCACGTGCATTGCTCCGTCAAGTCTGAGCACTCGGCAGCCGCAAAGACAGGTGGCTGCTTCCCTG  
CCGAGAGCCAGGTGCGCCTGGAGAGTGGGGCACGCGTGGCCTTGTGAGCTGTGAGGCCAGGAGACCGGGT  
GCTGGCCATGGGGGAGGATGGGAACCCACCTTCAGTGACGTGCTCATTTTCTGGATCGCGAGCCGGAT  
AGGCTGAGGGCTTTCCAGGTCAATTGAGACCCAGGACCCCCACGCCGCTGGCACTCACGCCTGCCACC  
TGCTCTTACCCGCCAACAATCACTCAGAACAGCGGCCACTTCCGGGCCACATTTGCCAGCCAAGTGCA  
GCCGAGCCAGTATGTGCTGGTGGCCGGGGTGCAGGCCTGCAGCCTGCCCGAGTGGCAGCTGTCTCCACA  
CATGTGGCCCTTGGGGCTTACGCCCCACTAACAGGCACGGAACGCTGGTGGTGGAGGATGTGGTGGCCT  
CCTGCTTCGCGGCCCTGGCTGACCACCCTGGCTCAGTTGGCCTTCTG  
>GBEQ0231 |Acc|AF510666|Ver|AF510666.1 GI:21105760|Equus caballus noggin mRNA, partial  
cds.  
GGAGTTGCGGCCAACTTGTGTGCCTTTTTTCCGCGCCAGTGGGAGCCGGCGCTGCGCGAAGGGCTCTCCC  
GGCGACTCATGCTGCCGCCCTGCGCCTGCCAGCCTCGGGTGAGCGGCCGCCGAGAGACGGGGGAGCG  
CGGCGCGCGCCGCGGGCTCGGCGTGTCTCTCTCCGGGGACGCGGGACGAAGCAGCAGCCCCGGGCGCGCGC  
CGGAGGCATGGAGCGCTGCCCCAGCCTGGGGGTCAACCTCTACGCCCTGGTGGTGGTCTGGGGCTGCGG  
GCGGCACCGGCCGCGCGCCAGCACTATCTCCACATCCGCCCGGCTCCAGCGACAACCTGCCCTGGTGG  
ACCTCATCGAACACCCGAGCCCTATCTTTGACCCCAAGGAGAAGGATCTGAACGAGACGCTGCTGCGCTC  
GCTGCTCGGGGGCCACTACGACCCGGGCTTCATGGCCACCTCGCCCCCGAGGACCGGCCCGCGGGGGC  
GGGGGGGGCGGCCGGGGGCGCCGAGGACCTGGCCGAGTTGGACCAGCTGCTGCGGCAGCGGCCGTGCGGGG  
CCATGCCGAGCGAGATCAAAGGGCTGGAGTTCTCCGAGGGCTTGGCCGCGGGCAAGAAGCAGCGCCTGAG  
CAAGAAGCTGCGGAGGAAGTTACAGATGTGGCTGTGGTGCAGACCTTCTGCCCGGTGCTGTACGCGTGG  
AACGACCTGGGCAGCCGCTTTTGGCCGCGCTACGTGAAGGTGGGCAGCTGCTTCAGTAAGCGCTCGTGCT  
CCGTGCCGAGGGGATGGTGTGCAAGCCGTCCAAGTCCGTGCACCTCACGGTGTGCGGTGGCGCTGTCA  
GCGGCGCGGGGGCCAGCGCTGCGGCTGGATTCCCATACAGTACCCCATCATTTCCGAGTG  
>GBEQ0232 |Acc|AF510665|Ver|AF510665.1 GI:21105758|Equus caballus bone morphogenetic  
protein 6 precursor (BMP6) mRNA, partial cds.  
CCGCATCTACAAGGACTGTGTTGTGGGGAGTTTTAAAAACCAAACCTTTTCTTATCAGCATTTATCAAGTC  
TTACAGGAGCATCAGCACAGAGACTCGGACCTATTTTTGTTGGACACCCGATGGTGTGGGCTCTGAAG  
AAGGCTGGCTGGAATTTGACATCACGGCCACTAGCAATCTGTGGGTGCTGACCCACAGCACAAACATGGG  
GCTTCAGCTAAGCGTGGTGAATCGGGATGGACTCAGCATCAACCCCGAGCCGAGGCCCTGGTGGGCAGA  
GATGGCCCTTATGACAAAGCAGCCTTTTCATGGTGGCCTTCTTCAAAGTGAGTGAGGTCCACGTGCGCACCA  
CGAGGTGAGCCACTGGCCGGCGCAGACAGCAGAGTCGCAATCGCTCCACCCAGTCCCAGGACGTGTGCGG  
GGTCTCCAGTCCGCTCAGATTACAACAGCAGTGAGTTAAAAACAGCCTGCAGGAAGCATGAGCTTTATGTG  
AGCTTCCAAGACCTGGGATGGCAGG  
>GBEQ0233 |Acc|AF508034|Ver|AF508034.1 GI:21070317|Equus caballus plasminogen activator  
inhibitor-1 (PAI-1) mRNA, partial cds.  
TGGGCCCCGTTGGAACAAGGATGAGATCACACCGCCGACGCCATCTTTGTCCAGCGGGATCTGAAGCTGGT  
CAAGGGATTTCATGCCCCGCTTCTTCAAGCTGTTCCACACCACAGTCAAGCAGGTGGACTTTTCAGAGGTG  
GAGAGAGCCAGGTTTCATCATCAATGACTGGGTGAAGAAATACACAAAAGGCATGATCAGCGACTTACTTG  
ACGAAGGGGCGGTGGACGAGCTGACGCGCCTGGTGTGTTGAATGCCCTCTACTTCAACGGCCAGTGGAA  
GACACCCCTCCAGAGTGGGGACCCACACCGCCTCTTCCACAAGTCCGACGGCAGCACCGCCTCTGTG  
TCCATGATGGCTCAGACCAACAAGTTCAACTATGCTGAGTTTACCACCCCTGACGGCCATTACTACGACA  
TCCTGGAATTGCCCTACACGCGGGACACCTCAGCATGTTTCATTGCCGCTCCCTATGAAAAGAGGTGCC  
TCTCTCTGCCCTCACCAACATTCTGGATGCCAGCTCATCAGCCAGTGGAAAAGGAGTATGACCAGAGTG  
GTCCGCTCTCTGGTTCTGCCCCAAGTTCTCCTGGAGAGTGAAGTGGACCTCAGGAGGCCCTGGAGAAGT  
TGGGGATGACCGACATGTTTACGGCCAAACCAGGCGGACTTCACGAGCATTTCCAATCAAGAGCTTCTCCA  
TGTATTCGAGGCCCTGCAAAAAGTGAAGATCGAGGTGACCGAGAGTGGCACGGTGGCGTCTCTCTCTACA  
GGCTTCTGTAGCCTCAGCCGAATGGCCCCAGAGGAGATCATCATGGACAGACCGTTCTCTCTCGTGGTCC  
GGCA  
>GBEQ0234 |Acc|AF508032|Ver|AF508032.1 GI:21070313|Equus caballus AT-rich binding  
protein-1 (SATB1) mRNA, partial cds.  
TTTGTGTTGGTGAGAAAGGATATGCTTTTCAACCAGCTGATAGAAATGGCTTTGCTGTCTCTGGGTTATT  
CGCATAGCTCTGCTGCCAGGCCAAAGGGCTAATCCAGGTTGGAAAGTGAATCCAGTTCCACTGTCTTA

TGTGACAGATGCCCTGATGCCACGGTAGCAGATATGCTTCAAGACGTGTATCATGTGGTCACACTGAAA  
ATTCAGTTACACAGTTGCCCCAACTAGAAAGACTTGCTCCCGAACAAATGGTCGCACACCACAGTAAGGA  
ATGCTCTGAAGGACTTACTGAAAGATATGAATCAGAGTTCGTTGGCCAAGGAGTGCCCCCTTTCACAGAG  
TATGATTTCTTCCATTGTGAACAGCACTTACTATGCAAATGTCTCAGCAGCAAAATGTCAAGAATTTGGA  
AGGTGGTACAAACCTTTTCAAGAAGACAAAGATATTGATGGTCCAAAATGGATAGTCTTTCTGAACTATT  
CCCAGCAGGGGCCCC

>GBEQ0235 |Acc|AJ439894|Ver|AJ439894.1 GI:20338733|Equus caballus partial mRNA for  
estradiol receptor beta (er ss gene).  
TGCTTCGTGGAGCTCAGCCTGTTTCGACCAAGTCCGGCTCTTGGAGAGCTGCTGGCTGGAGGTGCTGATGG  
TGGGCTTGATATGGCGCTCAATCGACCAACCCCGGCAAGCTCATCTTTGCTCCAGACCTCGTTCTGGACAG  
GGAAGAGGGAATGCGTAGAAGGAATTCTGGAATCTTTGACATGCTCCTGGCAACGACTTCAAGGTTT  
CGAGAGTTAAACTCCAACACAAAGAGTATCTCTGTGCAAGGCCATGATCCTA

>GBEQ0236 |Acc|AJ439893|Ver|AJ439893.1 GI:20338731|Equus caballus partial mRNA for FGF-2  
receptor IIIc (fgfr2IIIc gene).  
GGTGTTAACACCACGGACAAAGAGATTGAGGTTCTCTATATTCGGAATGTAACCTTTGAGGATGCTGGGG  
AATATACGTGCTTGGCGGGTAATTCTATTGGGATCTCTTTCACCTCTGCATGGTTGACAGTTCTGCCAG

>GBEQ0237 |Acc|AJ439892|Ver|AJ439892.1 GI:20338729|Equus caballus partial mRNA for FGF-7  
receptor 2IIIb (fgfr2IIIb gene).  
GAGAATGAATACGGGTCCATCAATCACACGTACCACCTCGATGTTGTTGAGCGATCACCACACCGGCCCCA  
TCCTCCAAGCTGGAGTGGCAGCAAATGCCTCCACCGTGGTGGGAGGCGATGTGGAGTTTGTCTGCAAAGT  
TTACAGCGATGCCCCAGCCCCACATCCAGTGGATCAAACATGTGGAAAAGAACGGCAGTAAATACGGGGCCC  
GACGGGCTGCCCTACCTCAAAGTTCTGAAGCACTCGGGGATAAATAGTTCCAATGCAGAAGTGCTGGCTC  
TGTTCAATGTGACC

>GBEQ0238 |Acc|AJ439891|Ver|AJ439891.1 GI:20338727|Equus caballus partial mRNA for  
keratinocyte growth factor (fgf-7 gene).  
TCTGCCAAGTTTGTCTACAGATCATGCTTTTACATTATCTGTTTAGTGGGCACTATATCTTTAGCTTGC  
AATGACATGACTCCAGAGCAAATGGCTACAAATGTGAAGTGTTCAGCCCCGAGCGACATACAAGAAGTT  
ATGATTACATGGAAGGAGGGGATATAAGAGTGAGAAGACTATTCTGTGCAACACAGTGGTATCTGAGGAT  
TGATAAACGAGGCAAAGTCAAAGGGACTCAAGAGATGAAGAACAATTTCAATATCATGGAATCAGGACC  
GTGGCAGTTGGA

>GBEQ0239 |Acc|AJ439890|Ver|AJ439890.1 GI:20338725|Equus caballus partial mRNA for  
fibroblast growth factor 1 (fgf-1 gene).  
CCAGGAAATTACAAGAAGCCCAAACCTCTACTGTAGCAATGGGGGCCACTTCTGAGGATCCTTCCAG  
ATGGCAGAGTGGATGGGACAAAGGACAGGAGCGACACATTCAGCTGCAGCTCAGTGCAGGAAAGCGT  
GGGGGAGGTGTATATAAAGAGTACCGAGACTGGCCAGTTCTTGGCCATGG

>GBEQ0240 |Acc|AJ439886|Ver|AJ439886.1 GI:20338717|Equus caballus partial mRNA for  
endothelial NO synthase (enos gene).  
GAAGCACCTGGAGAATGAGCAGAAGGCGAGGGGGGCTGCCCTGCCGACTGGGCCTGGATTGTGCCCCC  
ATCTCGGGCAGCCTCACCCCTGTCTTCCATCAGGAGATGGTCAACTATGTCTGTCCCCTGCCTTCCGCT  
ACCAGCCAG

>GBEQ0241 |Acc|AJ319907|Ver|AJ319907.1 GI:18073989|Equus caballus partial mRNA for  
fibroblast growth factor receptor (fgfr gene).  
CACAAAAACATCATAAATCTCCTTGGAGCCTGTACTCAGGATGGACCACTCTACGTCATAGTTGAGTATG  
CCTCGAAGGGTAACCTCCGTGAGTACCTCCGAGCCCGAGGCGCCTGGGATGGAGTACTCCTATGACAT  
TAACCGCGTTCCCGAGGAGCAGATGACTTTCAAAGACTTGGTGTATGCACCTACCAGCTGGCCAGAGGC  
ATGGAGTACCTGGCTTCCCAAAATGTATTATCGAGATTTAGCAGCCAGAAATGTTTTGGTAAACAGAAA  
ACAATGTGATGAAAATAGCAGACTTTGGACTGGCCAGAGATATCAACAATATAGACTATTACAAAAAGAC  
CACAAATGGGCGACTTCCGGTCAAGTGGATGGCTCCAGAAGCCC

>GBEQ0242 |Acc|AF076782|Ver|AF076782.1 GI:4028975|Equus caballus cyclin-dependent kinase  
2A inhibitor (CDKN2A) mRNA, partial cds.  
AGCCGGTGGCGATCCCAACGGAGTCAACGGCTTCCGGAGGCGCCCGATCCAGGTATGATGATGGGCAGC  
GTCCACGTGGCCGAGCTGCTACTGCTCCACGGCGCCGACCCCAACCGCGCGACCCCGACACCTCACCC  
GACCCGTGCACGACGCGGCGCCGGGAGGGCTTCCTG

>GBEQ0243 |Acc|AF076780|Ver|AF076780.1 GI:4028971|Equus caballus melanocyte protein 17  
precursor (PMEL17) mRNA, partial cds.  
CCGGGGGTCCCAGACCTACATGCCCTCGCTCACTCCCGCTCAGCCTTCACTATTACTGACCAGGTGCCC  
TTCTCTGTGAGCGTGTCCCAGCTGCAGGCCTTGGATGGAAGGAACAAGCACTTCTGAAAAATCAACCTC

TGACCTTTGCCCTCCGGCTCCATGACCCAGTGGCTATTTGGCTGGGGCTGATCTCTCCTATACCTGGGA  
CTTTGGAGACAGTACCGGGACCCTGATCTCAAGGGCACTTGTGGTCACTCACACTTACCTAGAGTCTGGC  
CCAGTGACTGCCAGGTGGTGTGTCAGGCTGCCATTCCTCTCACCTCCTGTGGCTCCTCCCCAGTTCAG  
GCACCACAGGTGGATATGTGCCAACTGCAGAGGGCCCTGGCACCACAGCTGGACAAGTGCCTACTGCAGA  
TGTTGTAAATACTACACTGGCCAGGTGCCAACTGCAGAGCCCTCTAGAACCACAGCTGTGCAAGTGCCA  
ACCACAGAGGTATAAGTACTACACCTGTGCAGGTGCCGACTGCAGAAGACATAGGTACTACACCTGAAC  
AGGTGTCAACTCCAGAGTCCCTAGGTACCACACTTGCAGAGATGCCACTGCAGAGGCTTAAAGGTATACC  
CCCTGAAGTGTCAAATCCAGGAGCCTTCTGGGACACAGTGCACAGGTAACGGTACAGAGTTGGTGGAAA  
CCACAGTGGAGAGGCACCCAACCCCTGAGCCTGAGGGTCCAGATGCCAGCCCATTTCATGCTACAGAAGGA  
ACTACAGGTCCCAGAGCCCCCTGCTGGATGGCACAGCCACCTTATTCCTGGTAAAGCGACAGTCCCCCT  
GGATTGTGTTCTGTATCGATATGGCTCCTTTCCCTCACTCTGGACATCGTCCAGGGTATTGAGAGTGT  
GAGATCCTGCAGGCTGTGCCCTCCAGCGAAGGGGATGCGTTTGAGCTGACTGTGTCTTGCCAGGCGGGC  
TGCCCAAGGAAGCCTGTATGGACATCTCATCACCAGGGTGCCAGCCCCCTGCCAGCGGCTGTGTAGCC  
TGTCACACCCAACCCAGCTTGCCAGCTGGTTCTGCACCAGGTACTGAAGAGTGGCTCAGGGACCTACTGC  
CTCAATGTGTCTTTGGCTGATGCCAACAGCCTGGCAATGGTCAGCACCCAGCTTGTATGCTGCTCAAG  
AGGCAGGCTTGGGCGAGGCTCCCTGTTCGTGGGCATCTTGCTGGTGTGATGGCTATGGTGTGTCATC  
TCTGATATACAGGCGCAGACTTATGAAGCAGGGCTCAGCTCTCCCCCTTCCCCAGCTGCCACACGGTAGA  
ACCCACTGGCTGCGTCTGCCCTGGGTCTTCCGCTCTTCCCCCTTTGGTGGAGAGCA  
>GBE0244 |Acc|AJ319910|Ver|AJ319910.1 GI:18073995|Equus caballus partial mRNA for  
connexin 43 (cx43 gene).  
CTTGCAAAAGAGATCCCTGCCCGCATCAGGTGGACTGCTTCCTCTCGCTCCACAGAGAAAACCATCTT  
CATCATTTTCATGCTGGTGGTGTCTTGGTGTCTCTTGCTTGAACGTATCGAACTCTTCTATGTCTTC  
TTCAAGGGTGTAAAGGATCGTGTGAAGGGAAGGTATCATCTTACCACACCACCATCGGCCCGTGAGCC  
CCTCCAAAGACGTTGGATCTCCAAAATACGCTTATTTCAATGGCTGCTCTTACCAACCGCTCCTCTCTC  
GCCATGTCTCCTCCCGGTACAAGCTGGTTACCGGAGACAGAAACAATTCTTCTGCGCAATTACAAC  
AAACAAGCAAGTGAGCAAACTGGGCCAATT  
>GBE0245 |Acc|AJ319909|Ver|AJ319909.1 GI:18073993|Equus caballus partial mRNA for  
connexin 32 (cx32 gene).  
CATCTGCAACACCCTCCAGCCCGCTGCAACAGCGTCTGCTACGACCACTTTTCCCCATTTCCCATGTG  
CGTCTGTGCTCTGTCAGCTCATCTTGGTTTCCACCCAGCTCTCCTTGTGGCCATGCAGTGGCTCACC  
AGCAGCACATAGAAAAGAAAATGCTTCGACTTGAGGTATGAGGGACCCATACACCTGGAGGAGGTGAA  
GAGGCACAAGGTCCACATCTCAGGGACACTGTGGTGACCTATGTATCATGCTGGTCTTCCGGCTGCTG  
TTCGAGGCTGCCTTCATGTATGTCTTTTATCTGCTCTACCTGGCTACGCCATGGTGCAGTGGTCAAGT  
GTGATGCCTACC  
>GBE0246 |Acc|AJ319908|Ver|AJ319908.1 GI:18073991|Equus caballus partial mRNA for VEGF  
receptor flt (flt gene).  
ATGAGGATGAGAGCTCCTGAGTACTCCACTCCTGAAATCTATCAGATCATGTGGACTGCTGGCACAAG  
ACCCAAAAGAAAGGCCAAGATTGTAGAACTTGTGGAAAACTAGGTGATTTGCTTCAAGCAAATGTACA  
ACAGGACGGTAAGGACTACATCCCACTCAATGCCATACTGACAGGAAATAGTGGGTTTACATACTCAACT  
CCTGGCTTCTCTGAGGACTTCTTCAAGGAAGGTATTTTCACTCCGAAGTTT  
>GBE0247 |Acc|AJ319906|Ver|AJ319906.1 GI:18073987|Equus caballus partial mRNA for  
fibroblast growth factor 2 (fgf2 gene).  
CCTGCGCATCCACCCGACGGCCGAGTGGACGGGGTCCGGGAGAAGAGCGACCCCTCACATCAAACTACAA  
CTTCAAGCAGAAGAGAGAGGGGTGTGTCTATCAAAGGAGTGTGTGCGAACCCTTATCTTGCTATGAGG  
AAGATGGAAGGTTACTGGCTTCTAAATGTGTTACGGACGAGTGTCTTTTGAACGATTGGAATCTAA  
TAACTACAATACTTACCGGTCAAGGAAATACTCCAGTTGGTATGTGGCCCTGAA  
>GBE0248 |Acc|AB076030|Ver|AB076030.1 GI:17736831|Equus caballus mRNA for Smad4, partial  
cds.  
TCCAATCATCCTGCTCCTGAGTATTGGTGTTCATTGCTTACTTTGAAATGGATGTTCAAGTCGGAGAGA  
CATTTAAGGTTCTTCAAGCTGCCCTATTGTTACTGTTGATGGATATGTGGACCCTTCTGGAGGAGATCG  
CTTTTGCTTGGGTCAACTCTCCAAGTGCCACAGGACAGAAGCCATTG  
>GBE0249 |Acc|AB076029|Ver|AB076029.1 GI:17736829|Equus caballus mRNA for Smad3, partial  
cds.  
ACCCCTGGCTACCTGAGTGAAGATGGAGAGACCAGCGACCACAGATGAACCACAGCATGGATGCAGGT  
TCTCAAACCTATCCCAAAATCCGATGTCCCAGCACACAATAACTTGGACCTGCAGCCCGTCACCTACT  
GCGAGCCGGCTTCTGGTCTCCATCTCCTACTATGAGCTGAACCAGCGCTCGGGGAGACATCTCCACGC  
CTCGCAGCCCTCCATGACGGTGGATGGCTTACCGACCCCTCCAACCTCGGAGCGCTTCTGCCTAGGGCTG

CTCTCCAACGTCAACAGGAACGCGGCCGTGGACGTCACGCGGAGGCACATCGGGCGGGGCGTGCGGCTGT  
ACTACATCGGAGGGGAGGTCTTCG  
>GBEQ0250 |Acc|AF397192|Ver|AF397192.1 GI:15011536|Equus caballus heat-shock protein 70  
mRNA, partial cds.  
GTGGCCTTCACCGATACCGAGCGGCTGATCGGGGATGCGGCCAAGAACCAGGTGGCGCTGAACCCGAGAA  
ACACCGTGTTCGACGCGAAGCGGCTGATCGGCCGCAAGTTCGGCGACCCGGTGGTGCAGTCGGACATGAA  
GCACTGGCCTTCCGCGTGATCAACGACGGGGGCAAGCCCAAGGTGCAGGTGAGCTACAAGGGGGAGACC  
AAGGCGTTCACCCGAGGAGATCTC  
>GBEQ0251 |Acc|AF432178|Ver|AF432178.1 GI:16612196|Equus caballus heat shock  
transcription factor 2 mRNA, partial cds.  
ACTAGTGATTGTTTCAGCCAGTTTCGGAAGATGGAAGAAAATCTAAACCTAAAACAGATAAGCAGCTTATC  
CAGTACACTGCCCTTCCACTTCTTGCAATTCCTCGATGGGAACCCCTGCTTCTGCTGTTGAACAGGGGAGTA  
CAGCATCATCGGAAGTTACCTCCTCTGTAGATAAACCCATAGAAGTTGATGAGCTTCTGGACAGCAGCCT  
GGACCCAGAACCAACTCAGAGTAAGCTTGTTCGCCTGGAGCCAATC  
>GBEQ0252 |Acc|AB072934|Ver|AB072934.1 GI:16151816|Equus caballus AGM mRNA for  
angiomodulin, partial cds.  
GGTCTTCCATCGTGACACCCCCAAGGACATCTGGAATGTCACTGGCGCCCAGGTGTACTTGAGCTGTG  
AGGTATCGGAATCCCAACCCCTGTCCTCATCTGGAACAAGGTAAAAAGGGGTCATATGGAGTTCAAAG  
GACAGAACTCTTGCCTGGTGACCGGGACAACCTGGCCATTCAAACCCGGGGTGGCCCTGAAAAGCATGAA  
GTAAGTGGCTGGGTGCTGGTATCTCCTCTCAGTAAGGAAGATGCTGGAGAGTATGAGTGCCATGCCTCCA  
ATTCCCAAGGGCAGGCTTCAGCATCAGCAAAAATTACAGTGGTTGATGCCTTACATGAAATACAGTGAA  
AAA  
>GBEQ0253 |Acc|AB071422|Ver|AB071422.1 GI:15636922|Equus caballus PNMT mRNA for  
phenylethanolamine N-methyltransferase, partial cds.  
CTGCTCAGTGCCTCGCGCCACTTTGAAGACATCACCATGACAGATTTCTGGAGGCGAACCGCCAGGAAC  
TGGGGCTCTGGCTGCGGGAGGAGCCCGGGGCTTTGATTGGAGTGTGTACAGCCAGCACGCTCTGCCTCAT  
TGAGGGCAAGGGTGAGTACCTGGCAGGAGAAGGAGCGACAGCTGCGAGCCAGGGTGAAGAGGGTCTGCC  
ATCGATGTGCACCACTCCAGCCCTTGGGTGCTGGGAGCCTGGCACCCCTGCCTGCTGACGCCCTGGTCT  
CTGCCTTCTGCCTGGAGGCTGTGAGCCAGACCTCGCCAGCTTCCAGCGGGCCCTGGACCACATCACCAC  
ACTGCTGAGGCCCCGAGGGGACCTCCTTCTCATCGGGGCC  
>GBEQ0254 |Acc|AB071421|Ver|AB071421.1 GI:15636920|Equus caballus TH mRNA for tyrosine  
hydroxylase, partial cds.  
CAAATTCACCACCTGGAGACCCCGGCCCGCCAGAGGCCGCGAGGCGGGGACCCACCTGGAGTACTTTG  
TGCGCTGTGAGGTGCCCAGCCCCGACCTGCCCGCCCTGCTCAGCTCCGTGCGCCGGGTGGCAGAGGACGT  
GCGTGGCGCTGGAGAGAACAAGTCTCTGGTTCCCAAGGAAAGTTTCCGAGCTGGACAAGTCTCACCAC  
CTGGTCACCAAGTTTGATCCTGACCTGGACTTGGATCATCCGGGCTTCTCAGACCAGGCGTACCGCCAGC  
GCAGGAAGCTGATTGCCGACATAGCCTTCCAGTACAAGCATGGTGACCTATTCCCCCGCTGGAGTACAC  
GGCCGAGGAGATTGCCACCTGGAAGGAGGTCTACACCACCTCAAGGGCCTCTACGCCACGCACGCCTGC  
CGCGAGCACCTGGAGGCCCTTCGAGCTGCTGGAACGCTTACGCGGCTACCGGGAGGACAACATCCCCAGC  
TGGAGGACGTCTCCCGATTCTGAAGGAGCGCTCTGGCTTCCAGCTGCGGCCCGTGGCCGGCCTGCTGTC  
CGCCCCGGGACTTCTTGCCAGCCTGGCCTTCCGTGTGTTCCAGTGCAACCCAGTACATCCGCCATGCCTCG  
TCGCCCATGCATCCCCAGAGCCGACTGCTGCCACGAGCTGCTGGGACATGTGCCCATGCTGGCCGACC  
GGACCTTTGCCCAATTCTCCAGGACATCGGCCTCGCATCCCTGGGGGCAT  
>GBEQ0255 |Acc|AB070839|Ver|AB070839.1 GI:15408576|Equus caballus COL1A2 mRNA for type I  
collagen alpha 2 chain, partial cds.  
CTGGCGAAACCTGTATCCGGGCTCAACCTGAAAACATCCCAGCCAAAGAACTGGTACAGAAGTTCGAAGGC  
CAAGAAGCACATCTGGTTAGGAGAACTATCAATGGTGGTACCAAGTTTGAATATAATGTTGAAGGAGTA  
ACCACCAAGGAAATGGCTACCCAACCTTGCCCTTCATGCGCCTGCTGGCTAACCATGCCTCTCAAAACATCA  
CCTACCACTGCAAGAACAGCATTGCCTACTTGGATGAGGAGACTGGCAATCTGAAAAAGGCTGTCACTCT  
GCAAGGCTCCAATGATGTTGAACCTGTTGCTGAGGGCAACAGCAGGTTCACTTATACTGTTCTTGTAGAT  
GGCTGCTAGAAAAGACAAATGAATGGGGAAGACAAATCATTGAATACAAAACAAATAAGCCATCTCGCC  
TGCCCATCCTTGACATTGCACTTTTGGACATCGGTGGTGTGAC  
>GBEQ0256 |Acc|AF401625|Ver|AF401625.1 GI:15282041|Equus caballus mast cell growth factor  
mRNA, partial cds.  
GACACAAACTTGGATTATCACTTGCAATTTATCTTCAACTGCTCCTATTTAATCCTCTCGTCAAAACAAA  
GGAACTCTGTGAAAACCGTGTGACTGATGATGTGAAAGACGTGACAAAATTTGGTGGCAATCTTCCAAAAG  
ACTATAAGATAACCCCTCAAATATGTCCCGGGATGGACGTTTTGCCTAGTCATTGTTGGATAAGCGAGAT

GGTGCAACACTTGTGAGTCAGCTTACTGATCTCTTGGAGAAGTTTTCAAATATTTCTGAAGGCTTGAGT  
AATTATTTCTATCATAGACAACTTGTGAAAAATAGTGGATGATCTTGTGGAGTGCATGGAAGAACTCAT  
CTGAGAATGTAAAAAATCATATAAGAGCCAAAGATCCAGGCTATTTACTCCTGAAGAATTCTTTAGAAT  
TTTTAATAGATCCATCGATGCTTCAAGGACTTGGAGATGGTGGTATCTAAACTAGTGAATGTGTGGTG  
TCTTCAACATTAAAGTCTGAAAAAGATTCCAGAGTCAGTGTACAAAACCATTTATGTTACCCCTGTTG  
CAGCCAGCTCCCTTAGGAATGACAGCAGTAGCAGTAATAGGAAGGCCTCAAATTTCACTGGAGACTCCAA  
CCTACAATGGGCAGCCATGGCATTGCCAGCATCTTTTCTCTTGTAAATGGGTTTGCTTTTGAGCCTTA  
TACTGGAAGAAGAAACAACCAATCTTACAAGGGCAGTTGAAAATATACAGATTAACGAAGAGGATAATG  
AGATAAGTATGTTGCA  
>GBEQ0257 |Acc|AF368322|Ver|AF368322.1 GI:14039923|Equus caballus aggrecanase-2 mRNA,  
partial cds.  
CTGCTTGGCCTCTCCCATGATGATTCCAAATTTCTGTGAAGAGAATTTTGGTTCCACAGAAGATAAGCGCT  
TAATGTCCTCCATCCTGACCAGCATTTGATGCATCCAAGCCTTGGTCCAAATGCACCTCAGCCACCATCAC  
AGAATTCCTGATGATGGTTCATGGTAACTTTGCTAGACCTCCACGCAAGCAGATCCTCGGCCCGGAG  
GAACTCCCGGGACAGACCTACGATGCCAGCCAGCAATGCAACCTGACCTTCGGGCCCGAATACTCCGTGT  
GCCAGGCATGGACGTCTGCGCCCGCCTCTGGTGGCTGTGGTGGCCAGGGCCAGATGGTGTGTCTGAC  
CAAGAAGCTGCCAGCTGTGGAGGGGACGCCATGTGGGAAAGGCAGGATCTGCCTGCATGGNAAGTGTGTG  
GACAAAACCAAGAAAAAATATTATTCGACATCAAGCCATGGCAACTGGGGGTCTTGGGGGTCTTGGGGCC  
AGTGTCTCGCTCATGTGGAGGAGGTACAGTTTGCCTATCGCCACTGCAATAACCCGGCCCCCAGAAA  
C  
>GBEQ0258 |Acc|AF368321|Ver|AF368321.1 GI:14039920|Equus caballus aggrecanase-1 mRNA,  
partial cds.  
ATGGCTGATGTGGGCACTGTGTGTGACCCGGCTCGGAGCTGTGCTATTGTGGAGGATGATGGGCTCCAGT  
CTGCCCTTCACTGCTGCTCATGAAGTGGGCCATGTCTTCAACATGCTCCATGACAATTCAAAGCCATGTGT  
TGGTCTGAATGGGCCCTGGGAGCACCTCCCGCCATGTGATGGCTCCTGTGATGGCTCACGTGGATCCCGAG  
GAGCCCTCGTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
TAGACAAGCCAGAGGCTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
GTGCCAGCTGACCTTCGGGCTGACTCACGCCATTGTCCGAGCTGCCGCCACCCTGTGCTGCCCTCTGG  
TGTCTTGGCCATCTCAATGGCCACGCCATGTGCCAGACCAACATTCAACCTGGGCCGATGGCAGCCCCCT  
GTGGGCTGACACAGGCTTGATGGGTGGCCGATGCCTCCACATGGACCAGCTCCAGGAATCAATATCCC  
ACAGGCTGGTGGTTGG  
>GBEQ0259 |Acc|AF167158|Ver|AF167158.1 GI:9621997|Equus caballus orphan nuclear receptor  
DAX-1 mRNA, partial cds.  
CGGTGAAGACCAACCCACGGCAGGGCAGCATCCTCTACAGCTTGCTCACCAGCGCAAAGCAAACGCACGTG  
GCTCCGGAAGCTCCGGAGGCGCGGCCAGGGGCGTGTGGTGGGACCGTTCCCTACAGCGCGCAGAGGCTGG  
GGGACAGAGAGGAGCAGCGGGGAGGAGCAGTGGCGCTCCTGTACCGCTGTGGCTTTACGGTAAAGA  
CCACTCGCGGCCGGGCGAGCATCCTCTACAACATGCCCACGAGTGCAAGCAAACTCAGGCGGCTTCAGAG  
GTGCAGCAGGGGGCCCCCTGGCGGGACCTTTCTGTGGCGCGCAGCGGCGAGTGGCCCTCAAGAGTCCAC  
AGGTGGTCTGCGAGGCGACCTCCGCGGGCTGTGAAGACGATGCGCTTCGTCAAGTACTTACCTGCTT  
CCAGGTGCTGCCCTTGGACCAGCAGCTGGTGTGGTGGCGAGCTGCTGGGCGCGCTGCTCATGCTGGAG  
CTGGCCCAGGACCGCTTGAACCTCGAGACGGTGGAGACCTCGGAGCCAGCCTGCTGCAGAGGATCCTCA  
CCACCAGGCGGCGGAGACGGTGGAGCAGCGCCGCGCCCTGCCACGCTGCAGCCACGCTTGGTATC  
GCCCGCAGAGGCCGACCATTTGCTGTGCGCTGCTCAGATCCAAGCCATCAAGGGCTTCCTTGCCAGGTGC  
TGGAGCCTGGACATCAGTACCAAGGAGTATGCCTACCTCAAGGGGACCGTGTCTTTAACCCGGACCTGC  
CAGGCCTGAAGTGCCTGAAGTACATCCAGGGACTTCAGTGGGGAACGCAGCAGATTCTCACCAGAACACAT  
CAGGATGACACACAGGGGGCACCAGACCACATTGCTGAGCTGCACAGTGCCTCTTCTGCTGAGATT  
ATCAATGCCAATGTGCTGCTGACCTGTTCTTCAGGCCCATCATTTGGCA  
>GBEQ0260 |Acc|AF157626|Ver|AF157626.1 GI:5163489|Equus caballus glyceraldehyde-3-  
phosphate dehydrogenase mRNA, partial cds.  
CTACATGTTTCACTGATTTCCACCCATGGCAAGTTCCATGGCACAGTCAAGGCCGAGCACGGGAAGCTT  
GTCAATCAACGGAAGGCCATCACCATTTCAGGAGGAGATCCCGCCAAACATCAAATGGGGCGATGCTG  
GTGCTGAATATGTTGTGGAGTCCACTGGTGTCTTCACTACCTTGGAGAAGGCTGGGGCTCACTTGAAGGG  
TGGAGCCAAAAGGGTCTCATCTCTGCTCCTTCTGCTGATGCCCAATGTTTGTGATGGGCGTGAACAC  
GAGAAATATGACAATTCCTGAAGATTGTCAGCAATGGCTCCTGCACCACCAATTGCTTGGCCCCCTGG  
CCAGGTATCATCCATGACCACTTTGGCATCTGGAGGAGTCAAGACACAGTGCATGCCATCACTGCCAC  
CCAGAAGACCGTGGATGGCCCTCTGGGAAGATGTGGCGGATGGCCGAGGGGCTGCCAGAACATCATC  
CCTGCTTCTACTGGTGTGCCAAGGCTGTGGGCAAGGTATCCCTGAGCTGAATGGGAAGTCACTGGCA



TGGCCTTCCGTGTCCCCACCCCTAACGTGTCAGTCGTGGATCTGACCTGCCGCTGGAGAAAGCTGCCAA  
 ATACGATGAGATCAAGAAGGTGGTGAAGCAGGCATCGGAGGGCCCCCTCAAGGGCATCCTGGGCTACACT  
 GAGGACCAGGTTGTCTCTCGGATTTTAAACAGTGACACCCACTCTTCCACCTTCGATGCTGGGGCTGGCA  
 TTGCCCTCAACGACCCTTTGTCAAGCTCATTTCTGGTATGACAATGAATTTGGCTA  
 >GBEQ0261 |Acc|AB043677|Ver|AB043677.1 GI:12082135|Equus caballus Hsp90 alpha mRNA for  
 heat shock protein 90 alpha, partial cds.  
 ATGGAGGAGGAGGAGGTGGAGACGTTCCGCTTCCAGGCGGAGATCGCCAGTTGATGTCTATTGATCATCA  
 ACACCTTTCTACTCAAATAAAGAGATTTTTCTGAGGGAGCTTATTTTGAATTCGTGATGCTTTGGACAA  
 AATCAGATATGAGAGCTTGACGGATCCAGCAAATTAGACTCTGGGAAGGAGCTGCACATCAACCTCATT  
 CCCAACAAAGCAAGACCGCTCACCATCGTGGACACCGGCATCGGAATGACCAAGGCCGATTTGATCA  
 ATAACCTTGGTACTATCGCCAAGTCTGGGACCAAAGCGTTTCATGGAAGCTTTGCAGGCTGGTGCAGATAT  
 CTCCATGATCGGCCAGTTGGTGTCTGGGTTTATTCTGCTTATCTGGTTGCTGAGAAGGTGACGGTGATC  
 ACCAAACATAACGACGATGAGCAGTACGCCTGGGAGTCTCCGCGGGCGGATCCTTACCCTTAGGACTG  
 ACACGGGTGAACCTTGTGACAGAGTGGTGAACAAAGGTTATCTCTGCATCTGAAAGAAGACCAAACCTGAGTACTT  
 GGAGGAAAGAAGAATAAAAGAGATTGTGAAGAAGCACTCTCAGTTTATTGGCTATCCCATTACTCTTTTT  
 GTGGAGAAGGAACGTGATAAAGAAGTCAGTGATGATGAGGCTGAAGAAAAGGAAGACAAAGAGGAGGAAA  
 AAGAAAAAGAAGAAAGGAGTCCGACGACAAGCCTGAAATAGAAGATGTTGGCTCTGATGAAGAAGAAGA  
 AGAAAGGTGAACCTTGTGACAGAGTAAAGAAAGAAAGAAATCAAGGAGAAGTACATTGATCAGGAAGAATTG  
 AACAAACAAAGCCTATTTTGGACCAGAAATCCTGATGATATTACTAACGAAGAATATGGCGAATTCTACA  
 AGAGCTTGACCAATGACTGGGAAGATCATTGGCAGTGAAGCACTTTTTCAGTTGAAGGACAAATTTGAATT  
 CAGAGCCCTTCTTTTTGTCCCAAGACGTGCTCCCTTTGATCTGTTTGAGAACAGAAAGAAAAAGAACAAAC  
 ATTAAGTTGTACGTTTCGACAGATTTTTCATCATGGACAACTGCGAGGAGCTAATTCCTGAATACCTGAATT  
 TCATTAGAGGTGTGGTGGACTCTGAGGATCTTCTCTAAATATTTCCCGTGAGATGTTGCAACAAAGCAA  
 GATTTTGAAGTTATCAGAAAGAACTTGGTCAAAAAATGCTTAGAACTCTTCACTGAACCTGGCAGAAGAT  
 AAAGAGAACTACAAAAAGTTTATGAGCAGTTATCTAAAAACATTAAGCTTGGAAATCCATGAAGACTCTC  
 AAAACCGCAAGACTTTTCAGAGCTATTAAGATATACACATCTGCTTCTGGTGACGAGATGGTTTCTCT  
 TAAGGACTATTGCACAAGAATGAAGGAAAACCAGAAACACATCTATTATATCACAGGTGAGACCAAGGAC  
 CAGGTGGCTAACTCGGCTTTCGTGGAGCGCTCCGGAAGCACGGCTTAGAGGTGATCTACATGATCGAGC  
 CGATCGACGAGTACTGCGTGCAACAGCTGAAGGAATTCGAGGGGAAGACTTTAGTGTGCTCAGTACCAAGGA  
 GGGCTTGGAACTTCCAGAGATGAAGAAGAGAAAAAGAAACAGGAGGAGAAAAAAACAAAATTTGAAAAC  
 CTCTGCAAGATCATGAAGGACATTTTGGAGAAAAAGTAGAAAAGGTGGTGTGTCAAACCGATTGGTGA  
 CATCCCCATGCTGCATTGTCAAGTACATATGGCTGGACAGCAAACATGGAAAGAATCATGAAGGCTCA  
 AGCCCTAAGAGACAACTCAACAATGGGTTACATGGCTGCAAAGAAACACCTGGAGATTAACCCCTGACCAT  
 TCCATGATCGAGACTTCCAGGCAAGGCTGACAGAAATGACAAGTCTGTGAAGGATGCTTCTCTCA  
 TCCTGCTCTACGAAACTGCACTCCTGTCTTCCGCTTTCAGTCTGGAAGATCCCAGACACATGCTAACAG  
 GATCTACAGGATGATCAAACTTGGTCTTGGTATTGATGAAGATGACCCACCGCTGACGACAGCAGTGTCT  
 GCTGTAAGTGGAGATGCCGCCCTTGAAGGAGATGACGACACCTCACGCATGGAG  
 >GBEQ0262 |Acc|AB043676|Ver|AB043676.1 GI:12082133|Equus caballus Hsp90beta mRNA for heat  
 shock protein 90 beta, partial cds.  
 GAGGAGGAGGTGGAGACTTTTGCCTTTCAGGCGGAAATTGCCCAACTCATGTCTCTCATCATCAATACCT  
 TTTATTCCAACAAGGAAATTTTCTTCCGAGTTGATCAGTAATGCTTCTGATGCCTTGGACAAAGATTG  
 CTATGAGAGCCTGACAGACCTTCCAAGTTGGACAGTGGTAAAGAGCTGAAAATTGACATCATCCCCAAC  
 CCCAGGAACGCACCTTGACGCTGGTGGACACAGGCATTGGCATGACCAAAGCTGATCTCATAAATAATT  
 TGGGAATATTGCCAAGTCTGGTACTAAAGCATTTATGGAGGCTCTTCAAGCTGGTGTGACATCTCCAT  
 GATTGGACAATTTGGTGTGGCTTTTATTCTGCCTACCTGGTGGCAGAGAAGGTGGTGTGATCACAAAG  
 CACAATGATGAGGAGTATGCTGGGAGTCTTCTGCTGGGGTTCTTTACTGTACGTGCTGACCAAG  
 GTGAGCCCATTTGGCCGGGTACCAAAGTGATCCTCCACCTTAAAGAAGACAGACAGAGTACTTAGAAGA  
 GAGGCGGGTCAAAGAAGTGGTGAAGAAGCACTCACAGTTCATAGGCTATCCCATCACCTTTATTGGAA  
 AAGGAACGAGAGAAAGAAATCAGTGATGATGAGGCAGAGGAAGAGAAAGGTGAGAAAGAGGAGGAAGATA  
 AAGATGATGAGGAGAGGACCAAAATTTGAAGATGTGGGCTCAGATGAGGAGGATGATGTTGTTAGGATAA  
 GAAAAAGAAAACAAAGAAGATTAAAGGAGAAATACATTGATCAGGAAGAACTGAACAAGACTAAGCCCAT  
 TGGACAGAAACCTTGATGACATCACCCAGGAGGAATATGGAGAGTTCTACAAGAGTCTTACCAATGACT  
 GGGAAAGACCACTTGGCAGTCAAGCACTTCTCTGTAGAAGGTGAGTTGGAATTCAGGGCATTTGCTGTTCA  
 TCCCGTCTGGGCTCCTTTGACCTCTTCGAGAACAGAAAGAAGAACAAACATCAAACCTACGTCGCG  
 CGTGTGTTTCATCATGGACAGCTGTGATGAGTTGATACAGAGTATCTCAACTTCATTCTGTTGGTTG  
 ACTCTGAGGACCTGCCCTGAACATCTCCCGAGAAATGCTTCAGCAGAGCAAATCTTGAAGGTCAATTCG  
 CAAAAATATTGTTAAGAAGTGCCTTGAGCTCTTCTCTGAGCTGGCGGAAGACAAGGAGAACTACAAGAAA

TTCTATGAGGCATTCTCTAAAAACCTAAAGCTTGGAAATCCACGAGGACTCCACTAATCGGCGACGCCTTT  
CTGAGCTGCTGCGCTATCACACCTCCCAGTCTGGAGATGAGATGACTTCTCTTTTCTGAGAATATGTCTCTCG  
CATGAAGGAGACCCAGAGTCCATTTATTACATCCTGGAGAGAGCAAAGAGCAGGTTGCCAATTCTGCT  
TTTGTGGAGCGAGTGCAGGAGCGGGGCTTCGAGGTGGTGTACATGACAGAGCCTATTGATGAATACTGCG  
TGCAGCAGCTCAAGGAGTTTGATGGGAAGAGCCTGGTCTCAGTTACCAAGGAGGGCCTGGAGCTACCTGA  
GGATGAGGAGGAGAAGAAGAAAATGGAGGAGAGCAAGGCCAAGTTTGAGAACCTCTGCAAACCTCATGAAA  
GAAATCTTGGATAAGAAGGTTGAGAAGGTGACAATCTCCAACAGGCTCGTGTCTTACCCTGCTGCATTG  
TGACCAGCACTTATGGCTGGACAGCCAACATGGAGCGGATCATGAAAGCCAGGCACCTTCGGGACAACCTC  
CACAAATGGGCTACATGATGGCCAAGAAGCACCTGGAGATCAACCCTGACCACCCCATTTGTGGAGACGCTG  
CGACAGAAGGCAGAGGCAGACAAGAATGACAAGGCCGTCAGGACTTGGTGGTGTCTGCTGTTTGAAACTG  
CACTGCTCTCTTCTGGCTTCTCACTTGAGGATCCCCAGACCCACTCCAACCGTATCTACCGCATGATCAA  
GCTAGGCCTAGGCATTGATGAAGATGAAGTGGCAGCAGAGGAACCCAGTGTCTGCTGTTCTGATGAGATC  
CCCCACTGGAGGGTGTGACGACGCCTCTCGCATGGAA  
>GBEQ0263 |Acc|AF288214|Ver|AF288214.1 GI:9858134|Equus caballus immunoglobulin G heavy  
chain mRNA, partial cds.  
CCAGGACTGGTGAAGCCTGGGTCTCAGTGAAGATCTCTGCAAGGCTTCTGGATACGAGTTTACTGAAT  
ATGATATACACTGGGTGCGACAGGCCAATGGAAAAGGGTTTGAATGGATGGGATCATGCAGTCTCATCG  
TGGTGAAGTAATCCAATCACCGAATCTCTCAGGCAGAGTCACCATCACCGTGGACAAGTCCAGCAGCAG  
TGCCACATGGAGTTGAGCAGTCTGACGAGCGAGGACACGGCCGCTCTATTACTGTGCAGTCGGTGCATTGGA  
ACAGTCTATACGGTATGATTGCAAACCTATACTGGGGCCAGGGCATCCTGGTCACCGTCTCCTCAGAGAG  
CCCTAAGGCCCCAGACGCTCTCCCGCTGAGCATCTGTGGGAACACACCTGACCCCAAGGTGCCCGTGGGC  
TGCCCTGGTCTCCAACCTACTTCCAGAGCCAGTGAAGTGTCTCTGGAAGTGTGATGCCCTGAAAGGCGACA  
TACACACCTTTCCGTTGGCTGAGCAACTCGGCTCACCACTCCCTCAGCAGCATGATGGCTGTGCCCTAG  
GAGCAGCTTGAACCAGACCTACATCTGCAGCGTAGCCACCCGGCCAGCAGCACCAGGTGGACAAGAGA  
ATCGTCGTAGAAGGCTCCCCCTGCCCCAATGCCAGCTCCTGAGCTCCAGGAGGGCCTTCGGTCTTCA  
TCTTCCCCCAAAACCGAAGGACGTCCTCAAGATTTCCCGAAAGCCTGAGGTACCTGTGTGGTGGGA  
TTTGGGTCTATGACACCCCGATGTCCAGTTACCTGGTTTGTGGATGGGGTGGAGACACACAGCCACA  
ACGGAGCCAAAGGAGGAGCAGTTCAACAGCACCTACCGTGTAGTCAGCGTCTCTCCCATCCAGCACCAGG  
ACTGGCTGTTTGGAAAGGAGTTCAAGTGTAGCGTCACCAGCAAAGCCCTCCAGCCCCGTCGAGAGGAC  
CACCTCCAAGGCCAAAGGGCAGCTCCGGGTGCCGAGGTGTACGTCTTGGCCCCACACCCAGACGAGCTG  
GCCAAGAACACGGTCAGCGTGACCTGCCTGGTCAAGGACTTCTACCCACCTGAAATCGATGTTCGAGTGGC  
AGAGCAATGAGCATCCAGAGCCAGAGGGCAAGTACAGCACCCACCCAGCCAGCTGAACAGCGACGGGTC  
GTACTTTCTGTACAGCAAGCTCTCCGTGGAGACAAGCAGGTGGAAGCAGGAGAGTCATTACGTCGTGGG  
GTGATGCACGAGGCCCTGCACAAT  
>GBEQ0264 |Acc|AF288213|Ver|AF288213.1 GI:9858132|Equus caballus immunoglobulin G light  
chain mRNA, partial cds.  
ATGTCCACCATGGTCTGGTCCCGCTCCTTCTCACCTTCATCGCTCTCTGCACAGGATCCTGGGCCCCAGT  
CTCTGACTCAGCCCGCCTCAGTGTCTGGGACCTGGGCCAGACAGTCACCATCTCTGCTCTGGAAGCAG  
CAACAACATCGGGGGTGATAGTCATTGGGTGAGCTGGTTCCAACAGATCCCAGGAACAGCCCCAAAAT  
CTCTCCACGATGCCACTATTAGAGTGTCCGGGTCCCGATCGATTCTCTGGCTCCAGGTCCGGCAACA  
CAGCCACCTGACCATCTCTGGGTCCAGGCTGAGGACGAGGCTGATTATTACTGCTCATCAGCGGACAT  
CAGCCTGAGGAGTGTGGTTTTTCGGCGGAGGCACCCACCTGACCATCGCAGGTGGTCCCACGTCTACACCC  
TCGGTCTCTCTCTTCCCGCCCTCCTCTGAGGAGCTCAGCGCCAACAAGGCCACAGTGGTGTGTCTCATCA  
GCGACTTCTCCCCAGCGGCCCTGGAGGTGATCTGGAAGGTAAATGACGCTGTACCACCGACGGCGTCCA  
GACCACAGGTCTCTGAAACAGAGCAACGGCAAGTACGCGGCCAGCAGCTACCTGACGCGGACTTCCGCA  
CAGTGGAAATCGTACAGCAGCGTCAGCTGCCAGGTCAAGCACCAGGGAGCACCGTGGAGAAGA  
>GBEQ0265 |Acc|AB035518|Ver|AB035518.1 GI:8307713|Equus caballus AMPP mRNA for  
adrenomedullin, partial cds.  
CAGACTTTTTCCTTCCAGATCTTGGCAGATCATCCGCTTCAGCAGGGTCTGCGCATCGCCGCCGGGATGA  
AGTGGTTCCCGTAACCTCATGTACCTGGGATCGCTACCTTCTTAGGTGCCGACGCGCACCGCTCGA  
CGTGGCGTCAGAGTTCCGAAAAAATGGAATAAGTGGGCTCTCAGTCGTGGGAAGAGGGAATTCAGGTG  
TCCAGCAGCTACCCACCGGGCTCGCAGACGTGAAGGCCAGGCCTGCCAGACTCTCATTCGGCCCCAGG  
TCATGAAGGGCGCCTCTCGAAGCCCCAGGCCAGTCCGACGCGCGCCGATCCGCGTCAAGCGCTATCG  
CCAGAGTATGAACAACTTCCAGGGCTGCGGAGCTTTGGCTGTCTGCTTCCGGACGTGCACGGTGCAGAAG  
CTGGCGCAT  
>GBEQ0266 |Acc|AF265207|Ver|AF265207.1 GI:8072314|Equus caballus transcription factor  
SOX-9 mRNA, partial cds.



546

GGAAAGGGTTCTATTTGTATTAGTGACCAAGTGCAGCAGTGTCTAGTTCTCTGAGGCTGAGAGCACAGACA  
TAACTGTGAGGATGGAAGCAGGAGACAGCCCTCTGTTAAATATGCCACCCTGCTCGGCAGCTCTAAATC  
AGGTGAAGCCGAGGAGGAGCAAGGGCTTATAAACAGCTCAGCCAGCAAGTGCTTCTTGAGCAACCATTCT  
CCACCAAAGGAGTCTTCTCTAAGAGATCATGGGAAATAGAAACCCAGGCATTTTTTATATGTCAGATC  
AGCATCCCAATATAATTTACCACACC  
>GBEQ0274 |Acc|AF113507|Ver|AF113507.1 GI:4588604|Equus caballus core binding factor  
alpha 1 subunit mRNA, partial cds.  
ATGAGAGTAGGTGTCCTCGCTCAGATCCACGGCCCTCCCTGAACTCTGCACCAAGTCCTTTAATCCAC  
AAGGACAGAGTCAGATTACAGACCCAGGCAGGCACAGTCTCCCCGCGTGGTCTGATGACCAAGTCTTA  
CCCCCTCTACCTGAGCCAGATGACGTCCCCGTCCATTCACTCTACGACCCCGCTGTCTTCCACACGGGGC  
ACGGGGCTTCTGTATCACCAGCTGCCAGGCGCATTTTCAAGTGCTTCAAGTGGGCCCCCTTTTCAG  
ACCCAGGAGTTCCCAAGCATTTTATCCCTCAGTCTGAGAGCCGCTTCTCAACCCACGAATGCACTATCC  
AGCCACCTTTACTTACACCCGCGCAGTCACCTCAGGCATGTC  
>GBEQ0275 |Acc|AF117954|Ver|AF117954.1 GI:4235113|Equus caballus procollagen alpha-1 type  
III precursor (COL3A1) mRNA, partial cds.  
GCAGGGAGCAACTGATGGTGTCTACTTTGAACTGCTTTTCTTTCTCCTTTTGCACAAAGAGTCTCATGT  
CTGATATTTAGACATGATGAGCTTTGTGCAAAAGGGACCTGGTTACTGCTTGTCTGCTTCACTCCACT  
CTTATTTCTGGCACAACAGGAAGTTGCTGAAGGAGGATGCTCCCATCTTGGTCAGTCTTATGCGGATAGAG  
ATGCTCGGAAGCCAGAACCATGCCAAATATGCTCTGTGACTCAGGATCTGTTCTCTGCGATGACATAAT  
ATGTGACGACCAAGAATTAGACTGTCCCAACCCAGAGATTCCATTTGGAGAATGCTGCGCAGTTTGCCCA  
CAGCCTCCAACAGCT  
>GBEQ0276 |Acc|AF007798|Ver|AF007798.1 GI:2246695|Equus caballus progesterone receptor  
mRNA, partial cds.  
ATGAGCCTGATGGTGTGGACTAGGATGGAGATCCTATAAACATGTCTAGTGACAGATGCTGTATTTTG  
CACCTGATCTAGTACTAAATGAACAGCGGATGAAGGAATCATCATTATATTCATTATGCCTTACCATGTG  
GCAGATCCACAGGAGTTTGTGAAGCTTCAAGTTAGCCAAGAAGAGTTCTCTGTATGAAAGTATTGTTA  
CTTCTTAATACAATTCCTTTGGAAGGACTAAGAAGTCAAACAGTTTGAAGAGATGAGATCAAACACTACA  
TTAGTACGCTCATCAAGCGATTGGTTTGAGGCCAAAAGGAGTTGTTTCTAGTTTACAACGCTTCTATCA  
ACTT  
>GBEQ0277 |Acc|U52364|Ver|U52364.1 GI:1871157|Equus caballus SMCY mRNA, partial cds.  
GCCATCGCGGAGAAGTCGGGTATTTGCAAGATTCGTCACCCGCGGACTGGCAGCCTCCCTTTGCGATG  
GAAGTTGACAATTTCAAGTTTACTCTCGCATCCAGCGGCTAAATGAATTAGAGGCTCAGACCAGGGTAA  
AACTGAATTTATTTGGATCAGATTGCAAAATCTGGGAAATCCAAGGTTCTTCATTAAAAATTTCCCAATGT  
GGAGCGGAGATCTTGGACCTTACAGCCTTAGTAAGATTGTGATGGAGGAAGGTGGCTATGAAGCCATC  
TGCAAGGATCGTCGATGGGCCCCGGGTTGCCAGCGTCTCAACTACCCAGGCAAAAACATTGGTCTCGC  
TGCTAAGATCTCACTAGTGGCGCATCAATTTACCTTTATGAAATGTTTTCAGTCTGGAGCCAACCTTGTGCC  
ATGTGACACTACCCATTTGACAATGAGGAAAAAGACAAAGAATACAAACCCACAGCATTCCCTTAGA  
CAGTCTGTGCGACCTTCCAAGTTCAAGCAGCTATAGTCGCGCGGGCAAAAAGACTTCAGCCTGATCCAGAGC  
CCACAGAGGAGGACATTGAGAGGAATCCAGAATGAAGAAGCTGCAAAATCTATGGGGCAGGTCCTCAAGAT  
GATGGGCTTGGGCTTGTGTTCCCAAGGATAAGACTTTTACGGAAGAAAGATAAAGAAGGAGTCATATGCCCC  
CCCGCTGTTATAATGGAGGAGGAACCAAGTAGGGTTGGGAAAGTATGTGATGATGATGATGATGATGATGAT  
TGAGTCACAGCCTAGAGCCCTGCACCAAGATGACCATGACGCTACGGAAGATCACAGCAGTTCCCAAGTT  
TATTGACTCATATGTTTGGCGAATGTGCTCCCGAGGGGATGAAGACGATAAGCTACTTCTTTGTGATGGC  
TGTGATGACAATTACCAATCTTCTGCCTATTGCCACCCCTTCTGAAATCCCAAGAGGGGTCTGGAGGT  
GCCCAAAGTGATCATGGCGGAGTGTAAGAGGCCGCTGAAGCCTTTGGCTTTGAA  
>GBEQ0278 |Acc|U52363|Ver|U52363.1 GI:1871155|Equus caballus SMCX mRNA, partial cds.  
ACCCATCGCTGAGAAGTCGGGCATTTGCAAGATCCGCCCCACCCGCGGACTGGCAGCCACCCTTTGCTGTA  
GAAGTGGACAATTTCAAGTTTACTCCCGAATCCAGAGGCTGAATGAATAGAGGCCCAACAAGAGTGA  
AACTGAATCTACTTGGACAGATTGCCAAATCTGGGAAATCCAGGGCTCCTCTTTAAAGATTCTTAATGT  
AGAACGGCGGATCTTGGACCTTACAGCCTCAGCAAAATCGTGGTGGAGGAAGGTGGCTATGAAGCCATC  
TGCAAGGACCGTCCGTGGGCCCCGGGTGGCCAGCGCCTCAACTACCCAGGCAAAAACATTGGCTCCC  
TGCTACGCTCCCACTATGAACGCATCGCTTACCCCTATGAGATGATGATGATGATGATGATGATGATGATGAT  
GTGCAACACACGTCCATTTGATAATGAGGAGAAGGACAAGGAATATAAACCCACAGCATCCCCCTTCGA  
CAGTCTGTGACGCTTCTAAGTTCAACAGCTATGGCCGCGGGCAAGAGACTGCAGCCTGATCCGGGAC  
CCACAGGAGGAAGACATTGAAAAGAATCCAGAGCTGAAGAAGCTACAGATCTATGGGGCAGGCCCCAAGAT  
GATGGGCTTAGGCTCATGGCCAAGGATAAGACTCTGCGGAAGAAAGATAAGGAAGGGCTGAATGTCCC  
CCCACCGTAGTGGTAAAGGAGGAGTCAGGCAGCGACGTGAAGGTGGAGTCAACCTCACCTAAGACCTTCC

TGGAAAGCAAGGAGGAAGTGAAGTACAGCCAGAGCCCTGTACCAAGATGACCATGAGGCTGCGGAGGAA  
CCACAGCAATGCCCAGTTTATCGAGTCATATATATGCCGGATGTGTTCCCGAGGGGATGAGGATGACAAG  
CTCCTGCTGTGTGATGGCT

>GBEQ0279 |Acc|U52108|Ver|U52108.1 GI:1272417|Equus caballus fibronectin mRNA, partial  
cds.

TATGAAGTGAAGTGTCTATGCTCTTAAGGACACTTTGACAAGCAGACCGGCTCAGGGAATTGTACGACCC  
TGGAGAATGTGAGCCCTCCAAGAAGGGCCCGCGTGACAGATGCTACTGAGACTACCATCACCATTAGCTG  
GAGAACCAAGACTGAGACCATCACTGGCTTCCAGGTTGATGCCGTCCCAGCAAATGGCCAGCCTCCAATC  
CAGAGAACCATCAAGCCAGATGTGAGAAGCTACACCATCACAGGTTTGCAACCCGGCAGTACTACAAGA  
TCTACTTGTACACCCCTGAATGACAATGCCCGAGCTCCCTGTGATCATCGACGCTCTACTGCCATTGA  
TGCACCATCCAACCTGCATTTCTGGCCACCACGCCCCAACTCCTTGCTGATATCATGGCAGCCACCCCGT  
GCCAGGATTACTGGTTACATCATCAAGTATGAGAAGCCTGGGTCCCCTCCCAGAGAAGTGGTCCCCTCGGC  
CCCACCCCTGGTGTACAGAGGCTACTATTACTGGTCTGGAACACAGGAACCGAGTACACTATTCAAGTCAT  
TGCCATCAAGAACAACCAAGAGAGCGAGCCTCTGATCGGGAGGAGAAAGACAGATGAGCCTCCCCAACTG  
GTAACCCCTTCCACACCCCAATCTTACCGGACCAGAGATCTTGATGTTCCCTCCACAGTTCAAAAGACCC  
CTTTTCATCACCAACCCCTGGGTATGACAATGGAACGGTATTCAGCTTCCCTGGCACTTCTGGTCAGCAGCC  
CAGTGTGGGCAACAAATGATCTTTGAGGAGCATGGTTTTAGGCGAACACACCGCCCCACAACGGCCACC  
CCCGTAAGGCATAGGCCAAGACCATATCCGCCGAATGTAAATGAGGAGATCCAAATTGGTCATGTCCCCA  
GGGAGAGCGTAGACACCATCTTACCCCTCACGTTCTGGGACTCAATCCAAATACCTCTACAGGACAAGA  
GGCTCTCTCTCAGACAACCATCTCTTGGACCCCATTCAGGAAAGCTCTGAGTATATCATTTTCATGTCTAT  
CCAGTTGGCATTTGATGAAGAACCCTTACAGTTCAGGTTCCCTGGAACCTCTGCTAGTGCCACCCCTGACGG  
GTCTTACAGAGGGGCCACCTACACATCATAGTGGAGGCACTGAAAGACCAAGAGGACCAAGGTTTCG  
GGAGGAGGTGCTTACTGTGGGCAACTCTGTTGACCAAGGCTTAGGCCAACCTACGGCTGACTCGTGTCTC  
GACCCCTACACCGTCTCCCATACGCCATCGGAGAGGAGTGGGAGCGACTGTCTGAATCTGGCTTTAAAC  
TCTCCTGCCAGTGCTTAGGGTTTGGCAGTGGCCATTTAGATGCGATTCTGCTAAGTGGTGCCATGACAA  
TGGTGTGAATACAAGATTGGAGAGAAGTGGGATCGTCAGGGAGAAAATGGCCAGATGATGAGCTGCACG  
TGCTTTGGAAATGGAAAAGGAGAATTCAAGTGTGACCCCTCATGAAGCAACATGTTATGATGACGGGAAGA  
CGTACCACGTAGGAGAACAGTGGCAGAA

>GBEQ0280 |Acc|U37313|Ver|U37313.1 GI:1244535|Equus caballus cytochrome P450 aromatase  
mRNA, partial cds.

CTAAAGGCAGAGGTACAAAGCAACTATCAGCATTGTGTGTCAGCACAACTGAAGTGGTTCAGTAACAGC  
TGCCACCAAGTGTCTCAGCTGTCTCCTGCCTCTCCAAGATAAGCTCCAAGCTTAATAAGGTCAAAAACCTCA  
GACGTCTTCAGGATCCAAGCAGGTGAGGAGGACGGCTTTGGCAGGCCTTTACATTGCTTCGCCTGAGATC  
AAGGAGCAACAAGATGATTTTGGAAATGCTAAACCCGATGCATTATAACCTCACCAGCATGGTGCCCAAG  
TCATGCTGTGCGCCACCTTGCCCATCTGCTGCTCACTGGCTTTCTTTTCTTTGTTTGAATCATGAAGA  
AACATCCTCAATACCAGGCCCTGGCTATTGCATGGGAATCGGGCCCCCTCATTTACCTCCGGTTCCTGTG  
GATGGGGCTTGGCAGTGCTGCAACTACTACAACAAGA

>GBEQ0281 |Acc|AJ010121|Ver|AJ010121.1 GI:3421014|Equus caballus mRNA for sperm-membrane  
associated protein P47, partial.

ACCTGCTTGCTGGGCCAGGACGACCTCCCCTTCTACTGTCTCTGCCCTCAAGGCTTCACTGGCCTCATTT  
GCAACGAGACTGAGAAAGGTCCCTGTTTCCCAAACCCCTGTCAAAACGATGGCGAATGCCACGTGATCGA  
CGACTCGCACCGCGGGGACGTGTTACCCAGTACATCTGCAGCTGCCCTCGCGGCTACACGGGCACCCAC  
TGTGAGACCACTGCGCCATGCGCGTGGGCATGGAGACGGGCGCCATCGCCGACGCGCAGATCTCCGCCT  
CGTCCGTGTACTTTCGGCTTCATGGGGCTGCAGCGCTGGGTCCCAGAGCTGGCCCGCCTGCACCGCACGGG  
CATCGTCAACGCTTGGACGGCCAGCAACTATGACAAGAACCCCTGGATCCAGGTGAACCTCATGCGGAAG  
ATGCGAGTGACAGGCGTGGTGACGCAAGGTGCCAGCCGCGGGGGCACTGCTGAGTACCTGAAGACTTTCA  
AGGTGGCCCTACAGCGTGCATGGGCGCAAGTTCAGTTTCATCCGGGATGCAGGGGACTCAAAAGACAAGGT  
GTTTGTGGGAAATGTAGACAACAGCGGTCTGAAGGTCAACATGTTTGACGTCCCTCTGGAGGTGACGTAC  
GTGAGGCTGGTGCCGTTGGCCTGCCATCACGGCTGCACCCGTCCCAGACAGGCAGATCACTGCCTCCAGCA  
CCTACCGGACCAAGGGCCCTGAACGCCCTTACTGTTGATACCCCTTCTACGCGCGGCTGGACACAGCAGGCA  
GTTCAACGCGCTGGACCGCCCAAGCAACTCTGCCTCCGAGTGGCTGCAGGACGACCTGGGCTCCAGAAAG  
GAGGTGACCGGGGTCAATACCCAGGGAGCCCGAGACTTCGGCCACATCCAGTACGTGGACGCTTACAAGG  
TGTCCACAGTAATGACGCGCGCAACTGGACTGAGTACCGGGACCAAGGGCCGACAGCAAGATCTT  
CCTGGGCAACTTGGACAATAACTCCCACAAGAAGAACATGTTTGAAGCGCCCTTCTGCTGCTTCGTG  
CGCATTTCTGCTGCGCTGGCACAAGCGCATACCCCTG

>GBEQ0282 |Acc|AF042352|Ver|AF042352.1 GI:2792524|Equus caballus connexin 43 (CX43) mRNA,  
partial cds.

TTGTAACACTCAGCAACCTGGTTGTGAGAACGTCTGCTATGACAAGTCCTTTCCAATCTCTCACGTGCGC  
TTCTGGGTCTGCAGATCATATTTGTGTCTGTCCCCACGCTCTTGTACCTGGCTCATGTGTTCTATGTGA  
CGCGGAAGGAAGAGAACTGAACAAGAAAGAGGAGGAACCTCAAAGTTGCCCAAACCTGATGGTGTCAATGT  
>GBEQ0283 |Acc|AF040637|Ver|AF040637.1 GI:2773303|Equus caballus aggrecan core protein  
mRNA, partial cds.  
ACCGCTACTTTCCCGACCGGAGACCTGGGTGGACGCCGAGAGCAGGTGTCGGGAGCAGCAGTCACACCT  
GAGCAGCATCGTCACTCCCCGAGGAGCAGGAGTTTGTCAACAACAATGCCCAAGACTACAGTGGATCGGC  
CTGAATGACAGGACCATCGAAGGGGACTTCCGCTGGTCAGATGGACACTCCTTGCAATTTGAGAACTGGC  
GCCCCAACAGCCCGACAACCTTCTTACGGCCGGCGAGGACTGCGTG  
>GBEQ0284 |Acc|AF034691|Ver|AF034691.1 GI:2653642|Equus caballus procollagen alpha 1 (I)  
(COL1A1) mRNA, partial cds.  
AGACGGGAGTTTCCCTCGGGTCTGGAGCAGGAGGCACGCGGAGAGTGAGGCCACGCATGAGCGGACGCT  
AACCCCCACCCAGCCGCAAGAGTCTACATGTCTAGGGTCTAGACATGTTTCAGCTTTGTGGACCTCCGG  
CTCCTGCTCCTCTTAGCGGCCACCGCCCTCTGACGCACGGCCAAGAGGAGGGCCAAGAAGAAGGCCAAG  
AAGAAGACATCCAGCAGTCACCTGCATACAGGACGGCCTCAGGTACCACGACCGAGCCGTATGGAAACC  
CGAGCCCTGCCGGTCTGTATCTGCGACAATGGCAACGTGTTGTGCGATGACGTGATCTGCGAAGACACC  
AAGAACTGTCCCGGAGCCTCGGTCCCCAAGGACGAGTGCTGCCCGCTCTGCCCAAAGGCCAGGTGTCAC  
CTACAGACGACCAACACAGGAGTCTGAGGGACCCAAAGGAGACACTGGTCCCCGAGGCCCAAGGGGACC  
CGCAGGCCCTCGCCCGAGATGGCATCCCCGGACAGCCTGGACTCCCCGGCCCCCCCCGGGCCCTCTGGA  
CCTCCCGGACCCCCCTGGCCTCGGAGGAACTTTGCTCCCCAGTTGTCTTATGGCTATGATGAGAAATTTG  
CTGGAATTTCCGTGCTGGCCCATATGGGTCTTCTGGTCTCGTGGTCTCCTTGGCCCCCTGGCGCGCC  
CGGTCCCCAAGGTTTCCAAGGCCCTTGGTGGCCTGGCGAGCCTGGAGCCTCAGGTCCCATGGGTGCC  
CGCGGTCCCCCTGGCCCCCTGGCAAGAACGGAGATGATGGTGAAGCTGGAAAGCCTGGTCGTCTGGTG  
AGCGTGGGCTCCTGGACCTCAGGGTCTCGGGGATTGCCTGGAACAGCTGGCCTCCCTGGAATGAAGGG  
ACACAGAGGTTTCAAGTGGTTTGGATGGTGCCAAGGAGATGCTGGTCTGCTGGCCCCAAGGGTGAACCT  
GGTAGCATGGTGAAATGGAGCTCCTGGCCAGATGGGTCCCCGTGGTCTGCCTGGTGAGAGAGGTGCGC  
CTGGAGCCCTGGCCCTGCTGGTGCTGGAAATGATGGTGCTACTGGTGTGCTGGACCCCTGGTCC  
CACTGGCCCCGCTGGTCTCTCTGG  
>GBEQ0285 |Acc|L81159|Ver|L81159.1 GI:2231154|Equus caballus clone I18 immunoglobulin mu  
(IgM) mRNA, partial cds.  
GTGGATCCCCCGGCTGCAGGAATTCGGCACGAGAGAATGAATCACCTGTGGTTCTTCTCTTTCTGG  
TGGCCGCTCCTAGATGTGTCTGTCCCAGGTGCAACTGAAGGAGTCAGGACCTGGCCTGGTGAAGCCCTC  
GCAGACCTCTCCCTCACTGCACTGTCTCTGGATTCTCTTTGAGTAGTTACTTATGTAGCTGGGTCCGC  
CACCCTCCAGGAACAGGGTGAATATCTTGGAGAGCTATGTTGTACATGTAGTGAGTGTGAATACAACC  
CAGTCTCTGAAGCCAGCAGTACTGAAGACACTCAAGAGAGCAAGTTATCTGTACGCTGAACAGCCTGAA  
CACCAGGACACGGCATCGTCTTACTGTGCGAGTTACACAGGACCCGGGATAGTTGGTGGAGAGATACAC  
TACTGGGGCCAAGGGATCCTGGTCACCGTCTCCTCAGAGAGTA  
>GBEQ0286 |Acc|L81158|Ver|L81158.1 GI:2231153|Equus caballus clone I16 immunoglobulin mu  
(IgM) mRNA, partial cds.  
CGAGGTTCTTCTCTTTCTGGTGGCCGCTCCTACATGTGTCTGTCCCAGGTGCAACTGAAGGAGTCGGG  
ACCTGGCTTGGTGAAGCCCTCGCAGACCTTGTCTCACCTGCACTGTCTCTGGATTATCTTTGGGCAGT  
GACTACTGTAGCTGGGTCCGGCAGTCTCCAGGAAAAGGGTGGGTGGGGTTGACCGTATTACAAGGCATA  
ACACTGATGGTGCGATCGATCAATACTCAAGCCAGATCCTATGTCCCGAGTCAGTATACGCAGGACAC  
TCAAAGGAGCAAGAGTCTGTGCTGACAGCCGTGCGTGGGGAGGCTGTGGTATACTGTGCAGGATTTTGG  
GGTTACTATGGTCTGGTTATGGCTACGTGGATCACTGGGGCCAGGGCACCTGGTCAACCGTCTCCTCAG  
AGAGTA  
>GBEQ0287 |Acc|L81157|Ver|L81157.1 GI:2231152|Equus caballus clone I14 immunoglobulin mu  
(IgM) mRNA, partial cds.  
CCCCCGGGCTGCAGGAATTCGGCACGAGCTCATCCTGCAAGAACATGAGTCACCTGTGGTTCTTCTCTTCT  
TCTGTGGCCGCTCTTAGCTGTGTCTGTCCCAGGTACAGCTGAAAGAGTCAGGACCTGGCCTGGTGAAG  
CCTTCCGAGACCTCTCCCTCACTGCACTGTCTCTGGTGATTATATCAGTGGTTACAGTTATATATGTGGC  
TGGGTGCGAGTCCAGGAACAGGACCTGATTGGATTGGATACATCAGCTGTTGTGGTGAGTGCATAAACTA  
CAACCCAGGGATCCTCTGAAGTCCAGCCTAGTCAATCATCTCGAAGGACGCCCTCAAAGAGTCTAAAGGTT  
TATCTGAATCGTCAACAGCCCTGACAAAGCCGGTATCACTGGCCGTCTATGGCTGTGTGCAGATATGGTG  
ACTCTTATGACTATTTGGGTATCAACTACTGGGGCCAGGGTATCCTGGTCAACCGTCTCCTCAGAGAGTA  
>GBEQ0288 |Acc|U11241|Ver|U11241.1 GI:508703|Equus caballus insulin-like growth factor II  
precursor (IGF-II) mRNA, partial cds.

GCTTACCGCCCCAGTGAGACTCTGTGTGGCGGGGAGCTGGTGGATACCTCCAGTTTGTCTGTGGGGACC  
 GCGGCTTTTACTTCAGCAGGCCCGCAAGCCGCATCAACCGCGCAGCCGTGGCATCGTGGAAGAGTGCTG  
 TTTCCGCGAGCTGCGACCTGGCCCTCCTGGAGACCTACTGTGCCACCCCGCCAAGTCCGAGAGGGACGTG  
 TCGACCCCTCCGACCGTGCTTCCGGACGACTCCCCAGATAACCCCGTGGGCAAGCGCTTCCAGTACAAC  
 >GBEQ0289 |Acc|L07570|Ver|L07570.1 GI:291477|Equus caballus (clone pHL10) productively  
 rearranged Ig lambda chain mRNA, V2-J-C2 region, partial cds.  
 CCAGTCTCTGACCCAGCCCGCCTCAGTGTCTGGGACCCTGGGCCAGACAGTCACCATCTCCTGCTCTGGA  
 AGCAGCTCCAACATCGGTTCATAGTTATAGTAATGTGGGCTGGTACCAACAGATCCCAGGAACAGCCCCCA  
 AAACCCTCATCTATGGTAATAACAAACGAGCCTCAGGGGTCCCAGATCGATTCTCTGGCTCCAAGTCTGG  
 CAACACAGCCACCTGACCATCTCTGGGCTTCAGGCTGAGGACGAGGCCGATTATTACTGTGGTACCTAT  
 TACAGCAGTGATGATATTGATGGTGCATTTCGGCGGAGGCACCCACCTGACCATCGCAGGTGGTCCCACGT  
 CTACACCCTCGGTCTCTCTCTTCCCGCCCTCCTCTGAGGAGCTCAGCGCCAACAAGGCCACAGTGGTGTG  
 TCTCATCAGTGACTTCTCCCCCAGCGCTTGGAGGTGATCTGGAAGGTAAATGACGCTGTCAACACCGAC  
 GCGCTCCAGACCCTCCTTCGAAACAGAGCAACGGCAAGTACGCGGCCAGCAGCTACCTGACGCGGA  
 CTTCCGCACAGTGGAATCGTACAGCAGCGTCAGCTGCCAGGTCAAGCACCAAGGGAACCGTGGAGAA  
 GAAACTGTCCCCCTCAGAGTGTCTTAGGTCCCCGAGTCGCCCACACCCTCAGGGACCTGCTGTACCGGG  
 ACCCCTAAGGGGGTTCGACCCTTCCCACTCCGACACCTCCTTCTCCCTCCGCCCAATCCTTCTCAATAAA  
 ACATCCTCCTTCTCAATCAG  
 >GBEQ0290 |Acc|L07567|Ver|L07567.1 GI:291471|Equus caballus (clone pHL7) productively  
 rearranged Ig lambda chain mRNA, V1-J-C1 region, 3'end.  
 CTCTGACTCAGCCCGCCTCAGTGTCTGGGACCCTGGGCCAGACAGTCACCATCTCCTGCTCTGGAAGCAG  
 CTCCAACATCGGTTATAGTGTGTGGACTGGTACCAACAGATCCCAGGAACAGCCCCCAAATGCCTCATC  
 TATGATAATAACAAACGAGCCTCAGGGGTCCCAGATCGATTCTCTGGCTCCAAGTCTGGCAACACAGCCA  
 CCCTGACCATCTCTGGGGTCCAGGCTGAGGACGAGGCCGATTATTACTGCTCAGCAGGAGACAGCAGTGA  
 TATTTACGCTGTATTTCGGCGGAGGCACCCACCTGACCATCGCAGGTGGTACCCCGTCTGCACCCTCGGTC  
 TCTCTCTTCCCGCCCTCCTCTGAGGAGCTCAGCGCCAACAAGGCCACAGTGGTGTGTCTCATCAGTGACT  
 TCTCCCCCAGCGACTTGACGGTGAGCTGGAAGGTAAATGGCGCCGCCACCCAGGGCGTCCAGACCAC  
 CAAGCCCTCGAAACAGAGCAACGGCAAGTACGCAGCCAGCAGCTACCTGTGCTGACCCCCAGCCAGTGG  
 AAATCGTCCAGCAGCGTCAGCTGCCAGGTACGCACCAAGGGAAAACCGTGGAGAAGAACTGTCCCCCT  
 CAGAGTGTCTTAGGTCCCCGAGTCGCCCCACACCCTCAGGGACCTGCTGTACCGGGACCCCTAAGGGGGT  
 CGACCATTCCCACTCCGACACCTCCTTCTCCCTCCGCCCAATCCTTCTCAATAAAACATCCTCCTTCTC  
 AATCAG  
 >GBEQ0291 |Acc|M96552|Ver|M96552.1 GI:164205|Equus caballus 5-lipoxygenase-activating  
 protein (FLAP) mRNA, 5' end.  
 ATGGATCAAGAAACCGTGGGCAATGTTGTCTGCTGGCCATCGTCACCCTCATTAGCGTGATCCAGAATG  
 GGTTCCTTCCGCCACAAGGTGGACACGAAAGCAAGACTCAGAATGGGCGGAGCTTCCAGAGGACGGGAAC  
 ACTTGCCCTTTGAGCGGGTCTACACTGCCAACAAAACCTGTGTAGACGCGTATCCCACTTTCTTGTCTATG  
 CTCTGGAGCGCGGGCTACTCTGCAGCCAAGTTCTTCCGCGCCTTTGCTGGGCTGATGTACCTGTTCTGTA  
 GGCAGAAGTACTTCGTGGGCTATCTGGGAGAGAGAAGGCAGAGCACACCCGGCTACATATTTGGGAACG  
 CATCATACTGTTTCTGTTCTCATGTCCCTTGCTGGCATATTCAACTATTATCTCATCCTCTTTTTCGGA  
 AGTGACTTTGAAAACATATAAAGACGATAACCACCACC  
 >GBEQ0292 |Acc|CD536802|Ver|CD536802.1 GI:31579217|LeukoN6\_6\_E03.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_E03\_A028 3', mRNA  
 sequence.:Start:1:Stop:561  
 CTTGCAGGGCTTTGGTGGATGAACTAGAGTGGGAGATTGCCCAAGTGGATCCCAAGAAGACCATTTCAGAT  
 GGGTTCTTTCCGAATCAATCCAGATGGCAGCCAGTCAGTAGTGGAGGTGCCTTATGCTCGCTCAGAGGCC  
 CACCTCACTGAGCTGCTAGAGGAGGTATGTACCGGATGAAGGAGTATGGGGAACAGATTGACCTTCCA  
 CCCACCGAAAGAACTATGTACGTGTAGTGGGCCGGAATGGAGAATCCAGTGAAGTGGACCTGCAGGGCAT  
 CCGAATTGATTACACATCAGCGGCACCCCTCAAGTTTGCCTGTGAGAGCATTGTGGAGGAATACGAGGAT  
 GAATCATTTGAATTCTTTTCCGAGAGGCTGACAACGTTAAAGACAACTTTGTAGTAAGCGAACAGATT  
 TGTGTGACCATGCCTTGCACATATCCCATGATGAGCTGTGAGCCACTGGAGCGGCCAGACTGACAGGCT  
 TGATGGATCACCCCAAGGAGGGAAGAGAGTGGCAATGTCTTTTATATTATGTTTTTACTGAAATGAACT  
 G  
 >GBEQ0293 |Acc|CD536798|Ver|CD536798.1 GI:31579213|LeukoN6\_6\_A09.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A09\_A028 3', mRNA  
 sequence.:Start:1:Stop:641  
 CCCCAGAACCAGAGTGATGGGGGTGAGGTGGTCCAGGATGTCAATAGCAGTGACAGATGGTAATGATGG

AACAGCTGGATCCTACCTTCTTCAGATGGAGACTGAAGTAATGGAGGGTACAGTCGCTCCAGAAGCAGA  
GGCTGCTGTGGACGATACCCAGATCATAACCTTGCAGGTTGTAAATATGGAGGAACAGCCATAAACATA  
GGAGAGCTTCAGCTTGTTCAAGTACCCGTTCCCTGTGACTGTACCTGTTGCTACCACATCGGTAGAAGAAC  
TTCAGGGGGCTTATGAGAATGAAGTATCTAAAGAGGGCCTTGCAGAAAGCGAACCCATGATATGTCACAC  
CTTACCTTTGCCTGAAGGGTTTCAGGTGGTGAAGTGGGGGCCAATGGAGAGGTGGAGACACTAGAACAA  
GGGGAACCTCCCGCTCAGGAAGATCCTAGTTGGCAAAAAGACCCAGACTATCAGCCACCAGCCAAAAAA  
CAAAGAAAACCAAAAAAAGCAAACCTGCGTTACACAGAGGAGGGCAAAGATGTGGATGTGTCTGTCTATGA  
TTTTGAGGAAGAGCAGCAGGAGGGTCTGCTGTACAGAGTTAATGCAGAGAAAGTGTTGGTAACATGAAG  
CCTCCAAAACC

>GBEQ0294 |Acc|CD536792|Ver|CD536792.1 GI:31579207|LeukoN6\_6\_A01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A01\_A028 3', mRNA  
sequence.:Start:1:Stop:497  
TGGACAGTGAAGGAAACCGGATCTCAGGGGCCACCTTCTCTGTAGGTTCTGGCTCTGTGTATGCTTATGG  
GGTCATGGATCGGGGCTACTCCTATGATCTGGAGGTGGAACAGGCCTATGATCTGGCCCGTCGAGCCATC  
TACCAAGCCACCTACAGAGATGCCCTACTCGGGAGGTGCCGTCAACCTCTACCACGTCAGGGAGGATGGCT  
GGATCCGAGTCTCCAGTGACAACGTGGCTGATCTACATGACAAGTATAGTGGATCCACCCCTGAAGGAG  
GGTGGATGTGGCTGTTTTGCATTTCTTGGGGGGGTGACTGTCGTTGGTAATCTGGGTACAGCACCCCATC  
TTATAGTGGAGGGTCCCTGATGGTATTGATAATTTTGTAAAGCTCTGGTGTGTTGACCTCTACGTGTTT  
CCGTTGTTTAAAGAGCTGCTGCGGAGGTGATCATTTCTTTACTTTCTTGGATGGTAACATTACACTACT  
TGACCTC

>GBEQ0295 |Acc|CD536790|Ver|CD536790.1 GI:31579205|LeukoN6\_6\_C05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C05\_A028 3', mRNA  
sequence.:Start:1:Stop:566  
CGGCTCACGCGGAAGCTCTACAAATGCATCAAGAAAGCCGTGAAGCAGAAACAGATTGACGCGGGGTGA  
AGGAGGTTTCAAGAAATTCATCAATAAGGCGCAGAAAGGGATCATGGTTTTGGCAGGAGACACGCTGCCCCAT  
TGAGGTGTACTGCCATCTCCCGGTGATGTGTGAGGACCGGAACCTTGCCCTACGCTATATCCCCTCTAAG  
ACGGACCTGGGTGCAGCCGCGGCTCCAAGCGCCCCACCTGTGTGATAATGGTCAAGCCCCACGAGGAAT  
ACCAGGAGGCCTATGACGAATGCCTGGAGGAGGTGCGTGCCTTGCCCCACCCATGTGAAGGACTTGGGG  
AGCANNNTGNCACCTNCTCTGGAGGNTNNTGGGCTGGCGGCGGGCCAGCTGGGAGCCCTTCTGCTGCCCA  
CTCTCACAGCATCTCCGTCCCGGGGCAGTCTTCTTCCAGGCAGCTCCAGCAGCCCTTCACTTCTCCA  
TCAGTGTGTTTCTGCTGAGCGTCTGTGAAGACACTTCCGAGAAATGTGGTGTGGGGGAAGTAAATGCT  
AAGCCT

>GBEQ0296 |Acc|CD536783|Ver|CD536783.1 GI:31579198|LeukoN6\_6\_H07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H07\_A028 3', mRNA  
sequence.:Start:1:Stop:306  
GTTTCAAACATTCAAGAAAACCCCAAGACTCCAAGTGTACAAGAGGAGAGTGAAGAAGAAGAGGTTGATG  
AAACGGGTGTGGAAGTTAAGGACATAGAATTGGTCATGTCAAGCAAATGTGTCAAGAGCAAAGGCAGT  
CCGAGCCTTGAAGAGCAACAGTAATGATATTGTAATGCTATTATGGAATTAACAATGTAACCATTTGAA  
AATGAGGCCCTTTTTTGGTGTGTTTCAAAGAGTATCCGCGGCTTGGTTTGAAATTTGTACTGTTTTTATCA  
TTAATAAAGTTATGGCTTTTGTGG

>GBEQ0297 |Acc|CD536770|Ver|CD536770.1 GI:31579185|LeukoN6\_6\_C03.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C03\_A028 3', mRNA  
sequence.:Start:1:Stop:465  
TCACCCCTGGAGGAAACCTTTTTCAAAGCCGGCAGTCCCTCAGGGACTCTCAGCCCTGACATTGTACCCC  
ATGGTTTGGCGTGGTCAGCAGAGACCAGGCCCTCAAGAGCAAGGCAGCAGGGGGTCCCTCCCTCAGGCC  
TGGGCAGCTTGCTCCATCCAGCCGGGCAGCAGCAAGGACTTCGTCCAGGTGGTCACTAAGCCCTCAGGG  
CAGGCTTTGAGCACGCTGACGGGCAGCCCTGGCTGCCCCCAACCAAAGTGCAGGGTCTCTGGAGAGGG  
GGAGAGCTGTGAGCAGCCACCGCTGACCGGAGCCCACTCAGGAATTCACACCCGCTGGTTCCTCAAAG  
TGCGCTGGGTCTCCCTCTTCCCGCCACCCACACCCCATGGCAGAGAATAGGCTTTCTAAGATGC  
TGCGATCCCTTTCTGCTGCCAGAATAAACGCTCTCCAACACTG

>GBEQ0298 |Acc|CD536764|Ver|CD536764.1 GI:31579179|LeukoN6\_6\_H05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H05\_A028 3', mRNA  
sequence.:Start:1:Stop:577  
GCCAGGCTGAATTTCTGTTCTCATCCCCCTAACAAGGACACGGAGGTGGGCAGTGACCTCCACATCCCTCA  
AGAAGGGCGCAGAGGGTCCCTCCCCACCTGACCCCTGAGACTGTCACTCAGCCTGTGGCAGCCCCGTTC  
CCTTCTCTGGTCTTAGGGCAGAATCCGTGGAGACTACTTCCAGAAAGCATGTGGCTCCTGGGTATAACT  
TAATCTCTGGTCTGGGGTCACTTGGGGTCCCTCCGTGCGTTCTTCCCCCTGAGGAGCCTGGTTTGA



GGCTGGGCACAGGACTTATCCATCCCGCCAGTTAACACCTGTTTTACTTTATTTTTGTTTGTCTTC  
CATGTGTGATTTCTAATTTATTTACCTCTGTTTCCCTTTTTCTTTTTCTTTTTTTAATTAAAGAG  
CAAAGCTTTTTATTACTTTGTAATTTAAAAAACTGAAAAAAAATACTGAAGAACTTTGGGGGGAATTTT  
GTACTTTTTTCTGTGTAAATATTGGACTTTTTTGAGCTTTATTGTGGTTGTTAATTTGAAGTAATAAG  
TAGAAAAGGATAAAGTG

>GBEQ0299 |Acc|CD536763|Ver|CD536763.1 GI:31579178|LeukoN6\_6\_C02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_C02\_A028 3', mRNA  
sequence.:Start:1:Stop:632  
TGTTAGAGTTACTTAATGCAGAAGATGAGATGAGGGAAGAGGAGAAAGAGCAACTGAAGAAAAAGA  
ATCAGGCGATCTCTCATTAATCCGGAAGAATAGAATGGCACTTTTTTCGACATTGACGTGTGTGCTTCCA  
ATCCTGGATAGTCTACTAAGTCCAGAGTGATTAATGAACAGGAATATGATGTTATTAACAGAAGACAC  
AAACGTCTTTACAATCAAGAGAACTGATTGATACTATTTTAGTAAAAGGAAATTTTGCTGCCACCATATT  
CAAAAACCTCTCTACAAGAAATTGAGCCAACGTTATACAAGCATTATTTTGTCACACAGGACATAAAGTAT  
ATTTCCACAGAAGATGTTTTAGATTTACCAATGGAAGAACAACAGGAGACTACAAGAAGAAAGGACAT  
GTAAAGTGTGTATGGACAAAGAGGTGTCCATAGTGTTTATTCTTGTGGTCACTAGTAGTATGCAAAGA  
TTGTGCCCTTCTCTAAGAAAATGTCTATTTGTAGAGGGACAATCAAGGGTACTGTTTCGTACATTTCTT  
TCATGAAGAAGACCCAGAACTTGTCTAAACTTTAGAATTAATGGATTAAATGTATTATAACTTTAACTT  
TT

>GBEQ0300 |Acc|CD536756|Ver|CD536756.1 GI:31579171|LeukoN6\_6\_G02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_G02\_A028 3', mRNA  
sequence.:Start:1:Stop:552  
GTTACGCAATGAGTGAGGTTGCTGAACACCTGAATATATGAGCTATAATGCAGTTTGTTTTACAATACA  
GATCTTACAATTGTGCTTTACTTTTGTATGTACCATTTGTTCCGTTAGGAATAAGAAAAAATGGTTTT  
CACATAGGTTTCGTTAGGGTGCCCTTGCTCTAGCACATCTTAAAGGCCACTGTACAAAGTCCACATTTT  
TCACGCTAAATCTATATTCTATCAAAACACCTATAGAAAGACCTCAGTACATGCTTTGCACTCCCTTTG  
CCCCTTTTTCTCATTTCTTATTGCAAAATCAATTTGATGTAATACAGAAAACAGATACAGAGGTCATGT  
TAAGAACCTGTATGTAAGAAGTGGCCACTGGTACCATCCCATCTTTACTTTGTGCTCACAATTAAC  
CTTTTATCATTTAAGAGAAATAAGGTGCAGTTTTGAAAGAGTGAGTTTAAAGAATAAAATTTAAATAG  
TCCCACTTTTAAATTAAGTGATCCATTTTAAATTTGTAATTAATAAGTTTCTTGTATT

>GBEQ0301 |Acc|CD536755|Ver|CD536755.1 GI:31579170|LeukoN6\_6\_H04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_H04\_A028 3', mRNA  
sequence.:Start:1:Stop:672  
GAAAATAAATTAGTTTTGCTTCTTCCATTGCTCAGTCTTTGCCTGTGGGGCATGAAACATCTGATTAAA  
AGTTGAAGTGGCAGCACAGCCCATGATATCTAAGGAGTTGGCAAGCTTAACAAACCTGTTTTTTATAAAT  
TTCCATTCTCTACATTTGTTGATACCACTAACAAAATGTTTGTATTAGACTTGTGGTTAATTATGCAAA  
TGAAAGTTTGTGATAATTGGTCCAGTTTTACAAACACAGATTTTTAAATTAGGGAGGTTATTAAGGGAG  
ATGATTGCTATGCTTCTGTGCTGTGCTCCTTGAAAGTAATGACAGAAACTACAAAGCAAGTAAGAT  
ATTCTAGCCTCCACAGATTGCCTGCTCCTCCAATCCGCTCATATTTTTGTATTACCCAGCTTTCCCTTAA  
ATAGAAACGTTGTAGTTTATAATGAATGCACTGCATAAAAACTTTATGGCTTCATTATTATGAAACAGAT  
TCAAGATCTACAGTAAGAGTGAACATTCACAAAGATTCGCGTTAATGAAGACTACACAGAAAACCTTTC  
TGAGGATTTGTGAGATCTGATATCCGGCAAATTTTGTGCTTTACATTCTTACAGAAAAGTCAATTTAA  
AAATAAATCATTTGTAAGACCAAAATATAAATAAAGGTTTT

>GBEQ0302 |Acc|CD536750|Ver|CD536750.1 GI:31579165|LeukoN6\_6\_A04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A04\_A028 3', mRNA  
sequence.:Start:1:Stop:583  
ACAGGGAGGATGTTGAGTTGGAAGAAGGTGAACCTGGAAGATGACGGAGCCGAGGAGACCCAGGACACCTC  
CGGAGGGCCCGAGAGGAGCCGGAAGAAAAGGGAGACAAGCACCATAGCGATTCCGACGAGGAGAAGTCG  
CACCGGAGGCTGAAGCGGAAGCGGAAGAAAGAGCGAGAGAAGGAGAAGAGGAGGTGGAAGAAGAGGAGGA  
AGTCCAAGCACAAGCGCCACGCTTCTCCAGCGATGACTTCTCTGACTTCTCCGACGACTTGGAAATACTC  
AGCCTAAGAACTCATGGGACTGTGAACCTACCCGAAATTTTCATTTTGCCATCAGGCCGAGCTTTTAAA  
GAAAAATTGTTCTCTAACAGGATTGTAACAAAAGTGTAATACTATTTTCAGAGTTGAAAGTTGACGGTG  
CAAATATGTATATAACGTATGTATTTTACAATGATCGTCGCATGACTGTCCCGCCCCCTTTTTGTACTC  
CATATCTGTCTTCCAGAAACGTCACCTGACCTTTCTCCTGTGGTCTCTTAATCCAATAATTGTATTACTG  
CCATTAAGGATGCAAGTTATTTT

>GBEQ0303 |Acc|CD536746|Ver|CD536746.1 GI:31579161|LeukoN6\_6\_D02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_D02\_A028 3', mRNA  
sequence.:Start:1:Stop:685

TCACTGCCCCCTGGGTCCAGCCGTTTGATGCCAGGGGATTCTGGCTCAGGCTGTCAGAGCTAGAAGCT  
 GAGCTGTCTGCCCTCAGCAGGTTCGTCGGGTGGAAGTCCGGATGCTCAGCGCACCCAGCCCTGTGGGG  
 GACAAAGATTTGGTGTTTTACATGACAGCATCCAGGAATTAGCTGAGCCAACAGCCATGCAGGCAGCTTT  
 GGCCCGACGAGCCAGAGTTTCTCTGTGGCATCTGGGAGCACAGTGGCCAGCCACCTGGCTCGGGCTATT  
 TCCAAATCCAGAAGGTTGGCTTGTAACCTTAGTCTCCCTCTCTTCTGCCCAGAGTGAGCACGTGTGAG  
 AACACACACACACACACACACACAATTTAAAGAATGTTTTCTTGGTGCCATTTTAATTTAAT  
 TTAAGTTTGACTTTTGAAGGGGAGTAAGAGAATGAGGCCAAGGAAGTCGTGTAGCTTAGCTTCAGCCTG  
 GCAGCCTGGAGAGTCCCATACCTTGTGTATGAACCCAGGAAAAGGAAGAAGTCGAAACAACAGTGCGGA  
 AGGAGCGTGTTCAGGAGTTTATTTAAGACCGCTGGGAAGGAAACAGGCCCATTTTGTATATAGTTG  
 CAACTTAACTTTTGGCTTGCAAAATATTTTGTAAAGATTTCTGGGTAAC  
 >GBEQ0304 |Acc|CD536743|Ver|CD536743.1 GI:31579158|LeukoN6\_6\_G08.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_G08\_A028 3', mRNA  
 sequence.:Start:1:Stop:685  
 GCAGATTTAGCAGAGCAAATATTTAGTCTTAATGTGCTATCGTATACATCCTGCGTTCTCTA  
 TAGGAAGATGAAGTGGCTGGTCTTCTGAAGGAGAGAGTCTTTGTATCAGTTTGTTAAACAAAGATAAGAT  
 ACTACACTGGTTGATTTACTTTCAAAGCTTTTGAAGTAAAGAGAAGCAATTTCTTTGGTCTGGATT  
 TGACAGTTATGTTCTTCCCTCCCTCCCAAGTTTTAATCCAGGTGCTGGTTTGCCAACAGCAAAAGAA  
 AGGTGGGCCATCTCCAGGGGATGTTGAAGCGATCAAGAATGCTATAGCAAATGCATCAACTCTGGCCGAA  
 GTGGAGCGGCTGAAGGGCTTGTGTCAGGCTGGTCAGATACCTGGCAGAGAACGCAGATCAGGCCCACTG  
 ATGATGGTGAAGAAGAGATGGAAGAAGACACAGTCACAAATGGGTCTGAGCAATGTGGCCTACATATCT  
 ATAGAATGTATAATATGCCACTTAGGACAAGTCTGCTTTTGAACATGGAATAATAGCTTTGTGTCAG  
 CAAAGTGGAGTTTATAAGCATTATTGAAATGCTTAAACTGCTGCTGGTAATTTGTAAATACAAATTTTG  
 AAATCTAAATGCCAGTTTCTACAAATAGTGAATAAAGGATGCTCACTATGCT  
 >GBEQ0305 |Acc|CD536667|Ver|CD536667.1 GI:31579082|LeukoN6\_5\_A06.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A06\_A028 3', mRNA  
 sequence.:Start:1:Stop:562  
 AGTAAATCGCAGTCGGGGAGTTTCAGGCCTGGAAGGGGCTCACTCGAATAACGATGCCAGCCCTCTGTGAA  
 AGGAGATGCGTGAGAAGCGACTTCCCAAGGCCTGTTACAGAGACATCTGGATGCAAGTCCAGACAGCGAC  
 AAATTCACCCGCAAATGCCAGCTCCACTCAGGCCACCCACTAAATTGTGTGCTCCTTTTCAATCTCCTT  
 TACACGTTGAGGTGTTAGTTATACAAAAACCCCTTCCAGTCTAACAGAAGAGATTAATTCAAATATGAAG  
 AGAAATCACGCTTTGTTTCAGCATTTTCGATGACTATTTTGGGGAGTTTCATTTCCATCCCCATAGTGGAT  
 GTCAAGGCCAACAGCATCAGATCAAACAGGCTGTAAAGAAGCTTTATGACATTGATGTGGCCAAGGTCA  
 ACCCCCTGATCAGCCCTGATGGAGAGAAGAAGGCATATGTTGACTGGCTCCTGACTATGATGCTTTGGA  
 TGTTGCCAACAAAATTGGGATCATTTAAACTGAGTCCAGCTGGCTAATTTTAAATACAAGTTTTTTTTTCC  
 CT  
 >GBEQ0306 |Acc|CD536665|Ver|CD536665.1 GI:31579080|LeukoN6\_5\_H05.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H05\_A028 3', mRNA  
 sequence.:Start:1:Stop:553  
 GATCCCCTGATAGTTAAGTGGGATCGAGACCTCTAACAGCATCATGAAGGCTTGAAGATTCTCATTTG  
 GATTTGACTAGTTCCAAATTGTGCTTACTCTTTAATACTTACATACTTTTCATGCTTTATGCACATAAATC  
 AGGAAGCTGTACTGATCTTAATACAAATATTAGCTTCTTTATAACTCTACTTTGGCCGCTATGTCTCCTT  
 GTTTGACCTGTGTGGGCAGGTAGCTAGAGGGAGATCCTGGCAGCTTAGAAGTGGGTGGGAAAGAATTACAC  
 ATGTTAAACATGAACATTTTGGTCAGATATGAACCTTTCAGTTTCTTGATATGTACTGTAAGATAAATAT  
 GAGCAGGGGCTGGCCCCGTGGCCGAGTGGTTAAGTTCGCGCGCTCTGCTGCAGGCGGCCAGTGTTCGTT  
 GTTCTAATCCTGGGCACGGACGTGGCACAGCTCATCAACACACTGAGACGGCGTCCCACATGCCACA  
 ACTAGAAGGACCCACAGCGAAGAATATCAACTATGCACCAGGGGGCTTTGGGGAGAAAAAGG  
 >GBEQ0307 |Acc|CD536664|Ver|CD536664.1 GI:31579079|LeukoN6\_5\_D11.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D11\_A028 3', mRNA  
 sequence.:Start:1:Stop:621  
 TTCCTATTGCTGCTGGGACTATGGGTGCTGGTGCATCCACTTTGTGCTTGGCCTAAGTCTCTCACCCAGG  
 CTCGCTGGTTTGAATTTAGCATATACAGCCAATCCCTCTCCAATGCAACAAGGCAATGAATGGTGTCAA  
 TAATTATACCAAGCACTGTAAACCTGAAAAACCTTTCTACATGACTCCTTCCAGAACGTGGCTTCTGTC  
 TGCAATTTGCGCAGCATCATCTGCAAGATGGCCAGAAAACTGCCACCAGAGTTCAGGCCTGTTCTCTG  
 TACACTTAGATAGTATTGTTTAAAGTTTCCACCATTTCCTTCACTTGGCACAGGTTCTCTTATAATCT  
 CCTCTGCTTTTTTTTTTTTCTTTTATTGATTTTCTGGTTCCTAGAGAAGAAAGGAAGATATTGGG  
 AAAATTAGATTGCCTAAGACACCAGACCAGAGTTGGGACAAAAAGAAATGGGATCTTTTCTGCTTTGGAG  
 CTTTGTGTGTTTTGAAGGAAGGCAACAAGGAAGAGGGCAAGAAAGATCCAGGACTCTGTATTTTAAAC



TTGGAACCTTCTGCCAAGATTTGTAGCTCTCTGTTACAGCAATAAACTACTTTCTTCTGC  
>GBEQ0308 |Acc|CD536663|Ver|CD536663.1 GI:31579078|LeukoN6\_5\_C02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C02\_A028 3', mRNA  
sequence.:Start:1:Stop:674  
CTGGAAGCGGGAAGAGTGCGACAGCAAACACCATCCTTGGGAGAAAAGCATTGTTTCTAGAATTTCTGC  
TTACGCTGTTAGCCAGACCTGTCAAAAAGCATCCCGGGAATGGAAGGGAGGAACCTTCTTGTGTTGAC  
ACCCAGGGCTCTTTGACACCAAGGAGAAGCTGGAAAACACCTCTATGGAAATCAGCCGGTGTGTTCTCT  
CCTCCTGCCCTGGGCCTCACGCCATCATCGTGGTCTGAAGCTGGGCCGCATCACAGAGGAAGAGCAGAA  
TACCATCGCATTGATCAAGGCTGTCTTTGGGAAGGCTGCCATGAAGCACATGATCATCTTGTTCACAC  
AAAGTCACTTGGAGGATCAGAGCCTAAGTGACGCTATAGCAGAGGCGGATTGAAGCTAGGAAACATCA  
TCCAGGAGTGTGGGGGCCGCTGCTGCGCCTTCAACACAGAGCAGACGAAGCTGAGAAGGAAGCTCAAGT  
GCGGGAGCTGGTGGAGCTGATAGAGAACATGGTGCAGAAGAACAGAGGGGCGTACTTTGCAGACGCCATA  
TACAAGGACACAGAGGACATCTGGAACGATGGGCAGAGGAGTTGAAGAAAATCTACACTGATCCACTAG  
AGAATGAAATTAACTTCTAGAAAAGGAATATGCTGATACACTG  
>GBEQ0309 |Acc|CD536662|Ver|CD536662.1 GI:31579077|LeukoN6\_5\_D04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D04\_A028 3', mRNA  
sequence.:Start:1:Stop:475  
GAGACCTCATCATCCAGCATATCCAGGCTTCTGGGTCAAAGCACTCCCTCCATCAGTTCTTCAACCACC  
CCAAAATTTCAATCTTGATCAACCAACGTGATGAAGACATTTTCCGCTACTTGACCAATCTGCAGGTACA  
GGATCTCAGACATATCTCCATGGGCTACAAAATGAAGCTGTACTTCCAGACAAACCCCTACTTCACAAAC  
ATGGTGATTGTCAAGGAGTTCCAACGCAACCGCTCGGGCCGGCTGGTGTCTCACTCCACCCCAATCCGCT  
GGCACCGGGGCCAGGAACCCAGGCCACAGGCACAGGAACCAAGGACACCCAGCCACAGCTTCTTTAGCTG  
GTTTTCAAAGCACAGCCTCCAGAGGCCGACAGGATTGCTGAGATTATCAAGAATGACCTGTGGGTTAAC  
CCTCTGCGCTACTACATGATGGGAGAAGGAGGCTACAGGGCAAACAGAAAGAAGC  
>GBEQ0310 |Acc|CD536661|Ver|CD536661.1 GI:31579076|LeukoN6\_5\_F08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F08\_A028 3', mRNA  
sequence.:Start:1:Stop:735  
GAAGGAAGTTAGCCAGAGGCCAGAGAACCAGGGAAAATCAAACGATTACAGGACATGTGGGCTGATTTT  
TTAAACCATGCTAAGAAAAACATGGGAAAGTCACTTTTAGGGGCAATGGGAAATGAATGGGGAGAAATAT  
CCATATCGATTGCAAAACTCCTTGGTTCCTAATCTGGACAACCTGGGAGACCACAGCTAAATCCAGAGTA  
AAAGTTAGAGGGAGTCTGGTTCCTACTACCACCCAGGAGGTGTCTTCCACCTGCTAGAGCTGTCCAATA  
TGAACACGGTCAAGCAGAAGGGAATACCTACCACAGACAAGGTCCCATGGGATTCTAATCTGTCCACTC  
TTTGCTCCACAGATTCCAAACCAAAAGGGCAGACAAGTCTGCGCCAACCCAGTGATGACTGGGTCCAG  
GAGTACATGGATGACCTGGAACCTCACTGAGCCGCCCCAGGTGCAGGGCAGGAGGTCTCCAGGGAAGGTC  
ACCTGAGCCCGACACTCTCAGAGAGACACAGCCCTCAGTGCTCACGACTTTTCTCAGTAGTCTCTCT  
AACTGAGTCTTTATATGTGCTGTGTATATGTATTTGGTGTATTTCCATTATTTATGTTTGCTTTGCCA  
AAGGACACATGTCCCCCATGGGGATGGTTCACCATCACTGTTTCTGTACTATTGCAGATACATGGATAAT  
GCAGTTGACTCCATGTGTTTTCTAATAGAACTTT  
>GBEQ0311 |Acc|CD536660|Ver|CD536660.1 GI:31579075|LeukoN6\_5\_A05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A05\_A028 3', mRNA  
sequence.:Start:1:Stop:417  
GGCCCCCTGACAAATGACTGATTTCAAGTTTGATTTCTGGTTGATAGAAAGAAAGTTGCTTTTCTTTTGAG  
AATTAATAAATTTGGCTTGATTTCTTTTCCCTTTGCTTATATCTAGCATTAGAATTTTGTCTTAAATA  
CAGCGGTAAGTTTCACTTTTATTTCTGTATTGGGCACCAGCAGGAGGCCAGGAAGTGAAGTGGGTGGAA  
AGAGTGGAAGCACTGGGCACAGATCTAGTCTCTGCAACTTGCCCCAAGGCACCGCTGGTAAGTCACATG  
TCCTCCCTGAGCCTCAGCTCCCTCATCTCTAAAATGAGGAGCAATAATATCTACCTCAAAGGGTTATAGT  
GAAGACTGACATTTTAAACAAAATAATATGTATGACATAGTAAATGTGCAATAAACATTTGTTGAGTG  
>GBEQ0312 |Acc|CD536658|Ver|CD536658.1 GI:31579073|LeukoN6\_5\_C09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C09\_A028 3', mRNA  
sequence.:Start:1:Stop:631  
TGGAGAGGAGCAGAGATACACGTGCCATGTGCAGCACGAGGGGCTGCCTGAGCCCATTATCCTGAGATGG  
GAGCCATCTCATGAATCCATCATCCACATTTTGGGCATCGTTGCTGGCCTGGTTCTCCTGCTGGTCACTG  
GAGCTGTGGTAGCTGTGATCTGGAGGAAGAAGCACTCAGATGGAAGAGGAGGAGCTACGCTCAGGCTGC  
AACATGAGACAGCTGCCTTGTGAGGCTGAGTGATGCAAGATTTGTTTCTGTCCCAATCGCCCCATTTG  
GACTTCAGGAATCTCTGATTTCTCTTTCGGCCAAGGGTACCTGAATGTGTCTGTGTCTCTGTGTAGCATAA  
TGTGAGGAGGTGGGGAGACTGGTTCCTCCACGACCCCTCCACACTGACCTGTGTTTTTCTCTGAT  
TGATTTTCTGTTCAGCAGAGCTGGGTCTGGGCCAGTTCCATCCTTGTCTTAACCTTCTGTTGCCCTGA

GCTGCAACTTCTTAATTCCTTATTGAAAATAAGAATCTAGATGTAAATTTGTTTTTTCTAATTCCTTGCC  
GGGAGGGATTGATGGTTTGATTAAAGGAGAAGATTCCATAAAATTTGAGAGAAGAAATAAAAGGAAGCACT  
G  
>GBEQ0313 |Acc|CD536657|Ver|CD536657.1 GI:31579072|LeukoN6\_5\_H11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H11\_A028 3', mRNA  
sequence.:Start:1:Stop:629  
GAACATAGTTGAGCATCAGTTTGGTCAAGTGTACAATGGAGTCCAATGTCAGGAAGAACCATCCTAGCTT  
CTGCTTAGTGAAGATGCTGTATAATTTCCATTGTACCAAGACTGTACAGTCTGAGCAGTGGTGTGATTC  
CTGAGCACTGGGAATGGACAATCTGCACTGATGGGTTCAGCTAAAGCCAATCATCTTATATAGCGATC  
TAGAATCTCTACAGAATTTCCATAGGAAGGTGGAAGAAACCATTAGCATGAGTAGGAGTTGGGTCAATAA  
CAAATGGGCTATATAAGGAAACTTTCTCTCTTTGCTAAATTCACCAGATTATAACTTTAATGGGATACCT  
TAGAATTTTAAATAATTGACACTGGACTAAACATTGTAACACGATAATTACGCGTTTTGTATTTGTAGTA  
ATGTATAATTCACAAAGATTGACTTTGAATGATGACGGATAATGCGTTAGGAACTGAAGTACTTAATTA  
TTGATTTGTTTAACTTAAAGCTTAGGCCATCTTTCCAGTCTCAACAGTCGTACTTGAAAGCTTAC  
TGATTTTCCCAGAGAATATGGATCTTTTCGACTATTTTTTTGACGAATAAAATAATGCTCTTGGTACT  
>GBEQ0314 |Acc|CD536655|Ver|CD536655.1 GI:31579070|LeukoN6\_5\_D10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D10\_A028 3', mRNA  
sequence.:Start:1:Stop:259  
CCCTGCCTTCCACAACCCCTCCCCCACTGACCTTTGTGCTTTCCCTGATGAAATGTCCTGTTGCAGCA  
GAGGTGGGGCTGGGCCAGCTCCCTCCCTGTCTTAACCTCTGTTGCACTCACTAGTGATCATTTGCTTCC  
TTACTGAAAATATGAATCCAGGATATGAATTTTTTCTAATTTCTTGTCTAAGGGATTGATGTGTTAATT  
AAAGAAGAAGATTCCCTAAAGTTTGAGAGTGGAATAAATGGAAGCACTG  
>GBEQ0315 |Acc|CD536651|Ver|CD536651.1 GI:31579066|LeukoN6\_5\_E05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E05\_A028 3', mRNA  
sequence.:Start:1:Stop:575  
GAATGTAGATTCTATTCTAGAGTGACAGCACAAAGTTTGAGTTGCTCTTTGGTCTGGTGCCTCATAG  
ACACTCATTTGAAGTGAAGGTAAAGAGTAAACTTGCTAGTCACAGGGAAGTCACACTTTCACAAACAGT  
AGGCAGGGGGAGCCCCGACACTCCAGGATGTAGATGGGACATCCTGCCCAAGAGAGAGTCTCCAGCTGC  
TTAGGAAGGAAAACAGAGCCAGACACATGGCTAATGAACACCACACGCGAGGGGTGTACCAAAATAGTC  
CTCGTCCTGGCCTGCCATTGATCCTGGCTGATTTTTCTCGAGGGTGGTATTTCTCCTTGCTCCTCTCC  
AGGCAAGCCTTTGTATGTCTAATAATTCCTCGTTCAGTTTGGGCATAGTGATTCCATAGACTCCAAGTAG  
CTGCGGAGTTAACCCCAATTGGTCCCTGTGGGAGGCCCTGGCGACAACAGTGATCCCAAGCCCTCAGTGCCC  
TGAAAAGTTTCAGCCCAACTCTTCATCCTGCTACCAGCCCAGCCCAGCCCCACCAGCACATCACCATAAA  
GCAACCTCAACCTGG  
>GBEQ0316 |Acc|CD536650|Ver|CD536650.1 GI:31579065|LeukoN6\_5\_F07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F07\_A028 3', mRNA  
sequence.:Start:1:Stop:456  
CCCAGTGGGACTTACACAGCATCCAGGATGCCATCCAGGCCGAGCCCCCGGGTGGCAGCAGAGCTGGA  
GAAGAGCTTGAGGCCGACCCGGGCACCCAGCAGCTCCCTGGTTTAGGCCGGCCCTGGGACTCCAAGGGG  
CCCAGCTCTGGCTTGGGGCTGGAGAGTTGTGACAGGCAATTGAAAGGCCAGGCAGTTGGTGGGGCAGTGGG  
TGGATAAAGATAAGACTTGTTCGTGAGCCGGAAGTGTGACTACAGAAAGTGAGAGTTGGAGAAGCTTTT  
CTACATGTGACATAAAACTCTGAAGCTATAAGAGAAGAAATCAGCAGACTTGACCCAATAAAAGGGGA  
AATTCTGCAATGAGGGAAGGACGGTAAATGAGTGATAGACTGATAAAATATTTGTCATATGTTTAACT  
GAGAATAATATCCATGATGTATAAGAATGCTTAT  
>GBEQ0317 |Acc|CD536649|Ver|CD536649.1 GI:31579064|LeukoN6\_5\_G09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G09\_A028 3', mRNA  
sequence.:Start:1:Stop:600  
ATACATTCCATGTACGCGAGGGGGATGAACAGAGAACGTTTTTCAGTTTTCCCTGCTGTGGTGCCTCCATT  
CAAGTGTTCGTTCTTCCACTGAGCCAAAACAGGAGTTCATGCCATTCGTCAGGAATTATCGGAAGCC  
CTGACCAGGAATGGCGTCTCTCACAAGTAGACGATTCTTCTGGGTCTATTGGAAGACGCTATGCCAGGA  
CTGATGAGATCGGTGTGGCTTTTGGCATCACCATCGACTTTGATACAGTCAACAAGACCCCTCACACTGC  
AACCTGCGGGACCGAGACTCCATGCGGCAGATCAGAGCAGAGGTCTCTGAAGTCCCAGTGTAGTCCGC  
GATCTGGCCAATGGCAGCACCACTGGGCCGATGTGGAGGCCAGGTATCCTCTCTTTGAAGGCCAAGAGA  
CTGGTAAAAAGAGACAATTGAGGAATGAGGACAACCTTGGCAACTTGAGCTAATAAAAAATAACTCTT  
ATCATGTCCACTTTACAAACAAACAGCATTGCAATTGCTCCAGGGACTGCGTGTATCCTCAGTGGCTG  
CCTGATCTTACCCCCAACAATTAAAGTTGAAGGAATTCTG  
>GBEQ0318 |Acc|CD536641|Ver|CD536641.1 GI:31579056|LeukoN6\_5\_E11.b1\_A028 Unstimulated

peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E11\_A028 3', mRNA  
sequence.:Start:1:Stop:596

AAGCTAGACATTCCAAAACAGAGCATCCAGCGCAACATGTCTGCCATGGAGCGCTTCCGCAACATGGACA  
AGAGGGCCACCCCTGAGGACCGCAATACAGCCTTGGAGACGCTGCACCAGAACAGCATCACTCAAGTGTC  
TATTTATGAGGTGGACAAGCAAGATTGTCGCAAATTTTGCCTACTGGCATCGATGGAGCCATGACAATT  
TGGGACTTCAAGACCTTGGAGTCTTCTATCCAGGGCCTTCGGATAATGTGAAGCTGAGTGAGCCTCCCGG  
ATCGCGTGACAACTGACACACCGCGCCACGGCAGCGCCCGCCATTTGCATGATGGTGACGAGAGCCA  
GCCGCAAGGAACTGAAGACACGTATTGTGCAAATATCGTGTGTTTTTGTGTTGAATATAATTGGTGAA  
AGTGTGGTTTTTTTAAAAGCGGCAGTGATTTGGGTTTTTTTGTGTTTTGCCGTTTCATCCATTCTTGACC  
AAAGCTTCTCTTAAAGTAGTTTATTATGAAAATTGTCACTAACTTAAAGGGTGGGGAGGTATGAAA  
TTGTCTACTAAAAATTAAATAAAAACTGAATGTG

>GBEQ0319 |Acc|CD536631|Ver|CD536631.1 GI:31579046|LeukoN6\_5\_F12.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F12\_A028 3', mRNA  
sequence.:Start:1:Stop:477

AAAAGGTTATTTTACGTTAAATCAAAGTTAGTTCACTCCTGACTATTAATTTGCAGATCATGCATTTTAA  
AATGTTGAAGACCATTTATTAATACTAATATTTTGGGGGAGGGTTTGAGGGGGGAGACCACACTATATGTG  
CACTGTGATAAAGGCTGGGGATAAATAATGGGAGAGATCCAAGTAAATAGATCACTGTTTCAGGTAGGGGA  
ATGTATGTGTATATCTATTTTGTACTGTTGAGAAGAATGTCAGTTGTTATTTATTTAGCAATTTTCAGT  
ATGTGGTCAACATGTCTGATGTTGAAGCTTTAAAACTACGATGTTCTAAATATCCCTTGGACATTTTATG  
TCTTCTTGTAAAGCATAATCCCTTGTGTTAGCGTTAATTATGCAGTATTTCTCTATGTCTTGAAATAGAG  
AAGTTTAAATATTTATGATGTATTTTACAAATCCCATGAAATAAAGCTTTTCCC

>GBEQ0320 |Acc|CD536630|Ver|CD536630.1 GI:31579045|LeukoN6\_5\_D01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D01\_A028 3', mRNA  
sequence.:Start:1:Stop:637

GCCATGGTTTCAGACCGTGCTGTCCAATATGGTAGCCGCTAGTCACATGTGGCTGTTGAAGTGTGATCAGT  
CCAGACTGAGATGTGCTGTAAATGTAAATATATGCCAGATTTCAAAGACTTAGTACCCCAAAAGGGAA  
ATTATCTCATTAATATCTGTTAAATATTTGATGACATGTTAAACAATAATATATTATGGATAATAATAT  
CCAATATTGTTTGGATATATTGAGTTAAATAAATTATTAATTTACCTTTTTTTTTTCCCACTTTTTTTAA  
TGTGGCTCTGTGCTGGTGCGCTCATCCCTGCCCCAGAGGCACTGGCATTGTGTGACCCCTGTGCCCA  
AGAAGCTCTTGATGATGGCTGGTATTGACGACTGTACACCTCGGCCAGGGGCTGTACTGCCACCCTTGG  
CAACTTTGTAAAGGCCACCTTTGATGCCATCTCTAAGACCTACAGCTATCTCACCCCGACCTCTGGAAA  
GAGACCGTGTTCACCAAGTCTCCCTATCAGGAGTTCACTGACCATCTTGTAAGAATCACACCAGAGTCT  
CCGTGCAGAGGACCCAGGCTCCAGCTGTGGCTACCACATAGTTTATACAAGAAAAATAAAGTGAATTAA  
GCCTGTT

>GBEQ0321 |Acc|CD536624|Ver|CD536624.1 GI:31579039|LeukoN6\_5\_A02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A02\_A028 3', mRNA  
sequence.:Start:1:Stop:649

GTCCACTACTGACTTTACTCCCAATGGTGTGGATGAGTATAGTTGCCGTGTACAGCACTTACTCTCAAAG  
ATCCCTTGATAGTTAAGTGGGATCGAGACCTTAACCAGCATCATGAAGGCTTGAAGATTCCTCATTTGG  
ATTTGACTAGTTCCAAATTGTGCTTACTCTTTAATACTTACATACTTTTCATGCTTTATGCACATAAATCA  
GGAAGCTGTACTGATCTTAATACAAATATTAGCTTCTTTATAACTTACTTTGGCCGCTATGTCTCCTTG  
TTTGACCTGTGTGGGCAGGTAGCTAGAGGGAGATCCTGGCAGCTTAGAAGTGGGTGGGAAAGAATTACAA  
TGTTAAACATGAACATTTTGGTTAGATATGAACCTCTTCAAGTTTCTTGTGCACACAAAACCTGGATATCAG  
ATACTTCAGCAACAGAGCAGATGAAGCTGAGATGGAAGCTCAAGTGCAGGAGCTGGTGGAGCTGATAGAG  
AACATGGTGCAGAGAAGCAGAGGGGCGTACTTTGCAGACGCCATATACAAGGACACAGAGGACATCTGGA  
AACGATGGGCAGAGGAGTTGAAGAAAATCTACACTGATCCACTAGAGAATGAAATTAACCTTCTAGAAAA  
GGAATATGCTGATACCTG

>GBEQ0322 |Acc|CD536620|Ver|CD536620.1 GI:31579035|LeukoN6\_5\_F11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_F11\_A028 3', mRNA  
sequence.:Start:1:Stop:619

CAGCAGGCAATGGTAAAGGAGTCAGGATTGAATTTGATGATGAAAATGATATAAATGTTGGTGGAACTAA  
CACAGCTGTGGATACAACCTCAGTAGCAGAAGCAAGACACAACCCTAGCATAGGGGAGGGAAGTGTGGT  
GGTCTGACTGGCAGTTTGTGTCAGTGAAGGCCACATGGATCGAATAGGAGCCATTGAGACAACCTGA  
GTGAAACAGCCAGCACCATTGGCACTGGCTGGAGCCAGTATAACGGGGAGTTTGTGAGGAAGTGCCATGGT  
AACTGTTTTTAAAGGTTGGAAGTCCAAGCAGATGTACAGAAAGAACGGTACAGTCTAAGTGGAGAACTCT  
GGCACCGTCAGCCTGGGAACAGTTAGTGATAATGCCAGCACCAAGCAATGGCAGGATCCATTCTGAATT  
CCTACATCCCGTTGGACAAAGAAGGTAACAGTATGGAGGTACAAGTAGATATTGAATCGAAACCATCCAA

ATTCAGACACAACAGTGGGAAGCAGTAGTGTGGACGATGGCAGTGCCACGCGAAGTCATACTGGTGGTGCA  
 TCCACTGGTTTGGCTGAAGGTAAATCCAGTGCCACCAAGTGGTCCAAAGAAGCAACCGC  
 >GBEQ0323 |Acc|CD536618|Ver|CD536618.1 GI:31579033|LeukoN6\_5\_G06.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G06\_A028 3', mRNA  
 sequence.:Start:1:Stop:440  
 AATGACAANTTGCCTTTGATCCGCAAGCACAGACCTTCATTGCTCTGTGTGCCACTGACTTTAAGT  
 TCGCCATGTACCCGCCATCGATGATCGCAACTGGAAGTGTGGGAGCTGCCATCTGTGGGCTCCAGCAGGA  
 TGAGGATGTGAGCTCGCTGACTGGTGATGCCCTGGTAGACCTGCTGGCCAAGATCACCAACACAGACTGA  
 CCGGCAAGACCATCACCTGGAGGTGGAGCCCAGCGACACCATCGAGAACGTGAAGGCCAAGATCCAGGA  
 TAAGGAAGGCCATGCCAGCCACATCCGCTGAGGGGGCCAGCCTGAAGCTGCCAAGCCCTTGGCCCTGCAG  
 CTGGAGGCTTGTGTGGCAGAGGCCCGGACTAGGGTGTCTGTCCCTGGACAGCTGTTTGCACGAATCTTG  
 GACATAAATCCAAGTTGATG  
 >GBEQ0324 |Acc|CD536610|Ver|CD536610.1 GI:31579025|LeukoN6\_5\_G05.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_G05\_A028 3', mRNA  
 sequence.:Start:1:Stop:312  
 ATGCCATCATCAAGTTCCTTGGCCCCGAATCAGCCATGAAGAAGATAGAAGCCACCACCCCGCTTGT  
 GTTCATTGCCTTCTCCTCCTTCCCAGGCAAGCCTTTGTATGTCTAATCCAATGCACCTAAGTTTGGCCAA  
 GGGACTTGGCAGAACCCAGAAGGCTCATTGCCTAAAGGTTTACGTCAATTCCTGTGCTGGGCTGTCCATTG  
 TCATTGCTGTTTGAAGGACTTCTGGAAATGGAGTCCGTTCTGTCTGAAATCAAGCCAGCCTGTGATGTT  
 CAAGGGACTGGAATAAAGTGGCTTACAACCTG  
 >GBEQ0325 |Acc|CD536605|Ver|CD536605.1 GI:31579020|LeukoN6\_5\_D06.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_D06\_A028 3', mRNA  
 sequence.:Start:1:Stop:524  
 CTTTGCCGCTGCTTGGCTGGTCCAGCTCCCTTGAGAGAGGGCCGAGAATGACAGATGCTCACTTTCCAAG  
 ACCCCGTTAAGCTAGGAGTGGCCGTATCACCCCGTTCTGACTAACAGTGTGCTGGTCAACTCCACTTCTG  
 GGGAAATGTGCTGATCTGCAGCGTTTGCCAAGTTCCTGGTATAAATGCTGCCACCATGGCCATTGAA  
 GGTGGTGGTGTTTAGTAATCAGCTCACAAAATCTAGAGAATGTAATAATCTGCTTTCCTAAGCAGATA  
 CAACACACAGTGAGTTCAGAGTGGGTATTTGACATGTTTTGCTGTGTGAAGTGCCTGCTCTAATGTTAC  
 CATTGATGTGTTTGCAGAGCTAGTAGACACCGTGTGTTTAGAAGTGTGATTGCTGTTATAGAAACTTAA  
 GACCCAAATGAAAGCACATTGTGCTCTCAGGACTTACACCACCTTACCTTTTTTCTGTATATCTGTGT  
 ATTTTCAAATGTTACTCTATTAAAGCAGAAGTAT  
 >GBEQ0326 |Acc|CD536604|Ver|CD536604.1 GI:31579019|LeukoN6\_5\_E08.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E08\_A028 3', mRNA  
 sequence.:Start:1:Stop:546  
 TGTATTTCTCGAGACAGCCAATTTACGACCACACCGCTTTCAACCAGATCAGCTGCGGGCCAAGATGAT  
 TCTGTTTGCCTTTGGCAACGCCCTGGCTCAGGCTCGGCTCCTTTATGGGAATGACACTAAAGTTTGGAG  
 CAGCCAGTAGTTGTGCAGAGTGTGGGCACCGATGGACGTGTCTTCCAGTTCTTGGTGTGCAACTGAATA  
 CCACAGATCTGGCCTTAATGAAGGTGTCAAGAATCTGGTCTGGGTGGACTCAGACCAGCTCCTCTATCA  
 GCATTTTGGTGTCTCCAGTGGTCAAAAAGAAGGTGGTGTGGAACTGTTGGGCCGACTGGTTTCCAG  
 CCAGAGACATTCAGGAAGTTTTAGCTCTGTATTTGCATGGTGTGTGTGAGCCAAGGACGGTTCTACGA  
 CCTGAAGCCCCCTCGCCCCCTCCACCGACGAGCCTGCATCCTGGTGGTGCCTAGGTCCCGGCCCGGAG  
 CCTTGGTGCCCTTTTGGGCTGGTGGTCTCGCTGACAATAAAGAGCCCTTCCACTGC  
 >GBEQ0327 |Acc|CD536603|Ver|CD536603.1 GI:31579018|LeukoN6\_5\_A07.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_A07\_A028 3', mRNA  
 sequence.:Start:1:Stop:247  
 CACCAAATTTGTATCTCTGAGTACATATGTAGATAATGTTTTCTGTAAATAACCTATTTTTTCTTCATT  
 TCTACAATCTGTTTAAAGAATAAAGTCCAAAGTCAAATCTGGTCTTTGTTAACTAGAAATACTTCTAACT  
 TACCAAGAAATACTCCTTATGATTTTTTTTTTTTATAACAAAAGGGTTATGACTCTAAATGCATTTTAAAG  
 AATTGTTTTCAATTTAAATAAAATTATTTGAATTTT  
 >GBEQ0328 |Acc|CD536599|Ver|CD536599.1 GI:31579014|LeukoN6\_5\_C10.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_C10\_A028 3', mRNA  
 sequence.:Start:1:Stop:554  
 GGGGCCCTTGGGTGCCAGGCAGATGAAGCAGGCTGCAGTGCCAGCCCTCGCCGGAGCGGGAGCCAGAG  
 CGGCAGCCTTCCCCTCTCGAGCCACGGCCCGTCTCGCCCTCAGCCTACATGCTGCGCCTCCCGCCGCTG  
 CTGGAGCCTACATCCAGTATGAGCACAGCTACCAGGTGGGCAGTGCCCTGCTTTGGAAGCGCGAGCTGA  
 GGCTGCGCTTGACGCCCTGGACAAGGCCAGCGCCAGCTGCAGGCCTGCAAGCGGCGGGAGCAGCGGCTG  
 CGGCTGCGGCTGACCAAGCTGCAGCAGGAGCGGGCCGGGAGAAGCGGGCACAGGCGGATGTCGCCAGA

CTCTGAAGGAGCATGTGCAGGACTTTGCCATGCAGCTGAGCAGCAGTATGGCCTGAGTGAGAGGCTGCTG  
GACCATGGGCTGACAGAGGGGCTGCCATCAGGGCTCCATCCCATCCTGCCTCAGAATCCACCTGGAGAG  
GGACCTGAGCTGAGCTGCATCCATCAGACCCAGCAGATGCCATAATAAAGTGGATTCTAGAAGG  
>GBEQ0329 |Acc|CD536521|Ver|CD536521.1 GI:31578936|LeukoN6\_8\_G08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G08\_A028 3', mRNA  
sequence.:Start:1:Stop:602  
TTTGATCCAGATGACATCATCACTGACATTGAGATGGTGGATGAAGGCTGGTGGCGGGACGTTGCCACG  
GACACTTTGGACTCTTCCCTGCAAATTATGTCAAGCTCCTCCAGTAATGCCCGTATCTTCTGCACTGTGA  
CTTCCCATGTCCAAAGTGGCTCTGCCTCCACCCATCCCCTTTCTGCTGCAAGTGTCTAATAGGATGTC  
CCCCATTCCTGCTGCAAGTGTCTAATAGGATGTCATGAATTGCCTGAGATTCTAGACAGACTTCCCTCTC  
CCTGTCCATTAGAGCTCGGGGCAGAGACAGAATGAGGAAGGGGATCTCCTTCCCCTCCGTGTCTCCCTA  
CCCTGGATGAGCTTGTGGATGTTTATCTTTTGTTCCTGCATCCTTCCCCATGAATGCACCCCTCAACACC  
CCAAGCTCTGCCTTCTCTGTTTGTGAGCTCTGAGCTTCCAGTTTGTCTTACCTGGAAGGTACGTCCA  
GATTGCTGGTTTTCTTAGTTGTGCTGTTTGCCCATTTCTTCTCTGCAGAGATATCTCTGAATCTTCTC  
TCTGCTCAGTGCTAAATTTGAAATAAAGTGAGACTGTGGCTC  
>GBEQ0330 |Acc|CD536512|Ver|CD536512.1 GI:31578927|LeukoN6\_8\_B11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_B11\_A028 3', mRNA  
sequence.:Start:1:Stop:558  
AGTGTAATAAGTTTTTATATAACTGAAAGTTTTTAAGCTGCTAAAACACTTCTATTTTTTAAGAGATGTGA  
AATGCAGTATGGGACTATTTTTTATTCCTTAAACCCAAAGATTAACCTATTAAGGGTCTTTCAAAGATT  
CATTTTGGCTGTCAACAATTTTTGTAACTATGATACAAGTATAGTGACAATGCCAGTGTATTTTTGTGTC  
ACCAAGTAAGTGAACCCATGGGGCCACTTATACACATGATGTCATTTCTTCTTGTCTACCTTGATAATGT  
TTTACCTACCTTAAAGGTAAATGCTAAGTGTAAACAGTGAACAACCCAGTAGTAAAAGAATGTGTGTGG  
GATCAGTTAAAAATTTGATCGTTTCTAATTTGGCAGCGTTTTTTTTGTATTTTTATGCAGAATGGCTAAT  
AAGCTGATTTTCTCAAATAAATTCAGATGAGATAATATTGCCCAAGTCAAACAATATCCTAAAGACAAG  
TTTATATAGTACTTAACGTACATATACGAATTTGAAGCATGAAATTAATAAAATTGCTTTTCTCCCC  
>GBEQ0331 |Acc|CD536508|Ver|CD536508.1 GI:31578923|LeukoN6\_8\_H01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H01\_A028 3', mRNA  
sequence.:Start:1:Stop:510  
GATGCCAGAGCTACCCCTGGCTCACCAACCACACTGTGCAGCTGCAGCTCCGCAGCCTGGCGCACAACC  
TCTCCGTGGTAGCCACCAACGACGTGGGTGTCAACAGTGCCTCGCTCCCGCCCCAGGGCTCCTGGCCAC  
CCGGGTGGAAGTGCCACTGCTGGGCATCGTTGTGGCTGGAGGGCTTGGCCCTGGGCACCCTGGTGGGGTTC  
AGCACCTTGGTGGCCTGCCTGGTCTGCAGGAAAGAGAAGATCAAAGGCTCCCCCGCGCGCCATCTT  
TGGTCTCTAGTGACTCCAACAACCTGAAACTCAACAATGTGCGCCTGCCGCGGGAGAAGAATGGGGAGTG  
ACTGATAATGAATAGAGTTTCTGTCTGGGTGATGAAATGTTCTAGAAATTAGTGGTGACCAATGCACA  
ACTTTATGAATAGACCAAAACCCACTGTTTGTGGAATTGTACACTTTACAAGGGTGAAATATGAATTATA  
TCTCAATAAAGCTCTAGTTT  
>GBEQ0332 |Acc|CD536504|Ver|CD536504.1 GI:31578919|LeukoN6\_8\_G06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G06\_A028 3', mRNA  
sequence.:Start:1:Stop:238  
CAGTTACACAATAAGGTAATTAGATTTAGAAGTACTCAGTCACTTTAAGCGGATAAATGTATTAGTTAA  
ACTTTAGGGGTTTGTCTTTTTTGTCTGTTTAGAACAAGTTTTTTCTGATTCCTTGTCCCTCANTGTGAAC  
ATAACCGTGTAGTTGAAACAGTCAAACCTTATTTTGTAAACGTATGTTATTGGGGGAGGCGGTTTTTTCT  
TTAGTCTAGTATAGCGACCCGTGCTCTG  
>GBEQ0333 |Acc|CD536503|Ver|CD536503.1 GI:31578918|LeukoN6\_8\_H08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H08\_A028 3', mRNA  
sequence.:Start:1:Stop:646  
ATACAAATCAGTCGATGTTACAGAAAAATTGGCTTGTGTTGTAGAGACTGCCCCAAGGCAAAGCACAAGT  
TCATCCATCCTCAGTAAATCGAGATTTGCAAACCTTATGGATGGCTCTTATACCAGGAGAAGATAAGGTAT  
GCTCGGGTGTATTTGAGGGAACTACCCTGATAACCCCTTTTCCAGTTTTACTTTTTGGTGGTGATATAG  
AGTTTCAACACCGGGAACGCTTCTTCTGTTGATGGCTGGATCTATTTTCAGGCTCCTGTAAAGATAGC  
CGTCATTTTCAAGCAGCTAAGAGTTCTCATTTGATTCTGTTTAAAGAAAAAACTTGAAAATCCTAAGATG  
TCCCTTGAATGACAAGGTTCTACAGATCATTACGGAAGTATAAAAACGGAGAGTAATAATTGAAACT  
GAAATTCATGATCAACTACTTTAAAAATTAAGATGAAGATACTGTCATAAAATACGTGAAAATGGACCA  
TCCCATTAAGTATTTAGTACTTAAATGTTGGTACTAGCCATAAAGGTGGTGGAAAAAAGCACA  
TACTTGAAACATGTGTAATTTCTAGTTCTTTTTTAATGATTATTCTCAATGTATTGTGGCACTACATTTA  
CAATAAATCTTTGGT

>GBEQ0334 |Acc|CD536497|Ver|CD536497.1 GI:31578912|LeukoN6\_8\_F10.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F10\_A028 3', mRNA sequence.:Start:1:Stop:570  
GTTGCCAGCATGGGAAGATCAGTCACCCTTGGCAAATGGACAAACACCTAGGACTGAATCAAACCTCTTCA  
ACATGAACACAAGGGTTTTGTCCTTTTGCCTTAAAAATGTGTTTGAAATGAAGACTGTCAAATATCCCATA  
ATTTATTTATTCTTCTTCACTGTTTGTAAAGTGCATGAGCAATAATGTTTACACAGCTTAAGAGTGCAGT  
GTAATAAGTCATATCAAATATATGTATTTTTGAATACCCATTTCAAAGTACAGTAGCTTACACAGCTAAA  
GAAATATTTTGGGGAAAGTATAAAAACACTTAATAACAGTTTTTGTATACATAAAAACCTGAATTTTTTT  
AATAGCCAAACCTTTGTCTAGTCAGAGGCAATCATCAGTTTTATACATATAATTTGAAAATTACTAAAATT  
CACTTTCTCAGCAGAAATTAAGAGGCTTTAACGATATTTTCATCTTTTATTTGGTGTTTTTTGTCTAGGGGG  
ATTTTGTGTACTTTTTATGAAAAGATAATGCATGTTGGGATAACTTCCTGGGATTAAATTAATTTGC  
CTTTTGCCTT

>GBEQ0335 |Acc|CD536488|Ver|CD536488.1 GI:31578903|LeukoN6\_8\_G04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G04\_A028 3', mRNA sequence.:Start:1:Stop:642  
GGGCCCCAACATCCGGAAGCAGGAGAAGACCCAGCAAGTCATCACTGTGAGACAAGCCATACACCACCC  
AGACTATAATCCTAAGAGCTTCTCCAATGACATCATGTTGCTAAAGCTGGAGAGAAGGGCCAAGCTGACT  
TCAGCTGTGCGGCCCTCAGCCTGCGCGGGGGCAAGACCCAGGTGAAGCCTAGACAGGTGTGCAGTGTGG  
CCGGCTGGGGGAAAGTCTCCCCAGTAGACAGAGTGTCCGACACACTGCAGGATGTGGAGCTGACTGTGCA  
GAAGGATGATGATTGTTACTTCCACTTCCCCAACCAATTACAACCAAGTCCACCCAGATTCTGTAGGGGAC  
CCAAAGAAGAAGAAGAACAGCTTCAAGGGGGACTCCGGAGGACCCCTCATGTGTAACAAGCTGATCCAGG  
GTATTTTCTTCTATGGACAAAACAACGGGACCCCTCCAGGTGTCTTCATGAAGGTCTCACACTTTCTGCC  
CTGGATAAAGTCAACAATGAAGCACTTCTAACAGCAGGCAGGAGGCTGACCTTCTCTGTGCCTGACCAT  
CTTTCCTGGGGCAGAGGCAGGAATCCCGTGGGGCGGGCAGTGGGACTGCAGGGCCGTAATAAATGGATCT  
CTAGCGAGTGTG

>GBEQ0336 |Acc|CD536473|Ver|CD536473.1 GI:31578888|LeukoN6\_8\_D04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_D04\_A028 3', mRNA sequence.:Start:1:Stop:622  
CCAGGCCAAATCAGTGCTGGGTATGCACCTGTGCTGGATTGTACACAGCTCACATTGCTTGAAGTTTG  
CTGAGCTGAAGGAGAAGATTGATCGTCGTTCTGGAAAGAAGCTGGAAGATGGCCCCAAATCTTTGAAATC  
TGGTGATGCTGCCATCGTTGATATGGTTCTGGCAAGCCCATGTGTGTTGAGAGCTTTCTGACTATCCT  
CCTCTGGGCCGTTTGTCTGTTCTGACATGAGACAGACGGTTGCTGTGGGTGTCTCAAAGCAGTGGACAA  
GAAAGCAGCTGGAGCTGGCAAGGTCAACAGTCTGCCAGAAGGCTCAGAAGGCTAAATGAATAGTATCC  
CCAATACCTGCCACCCAGTCTTAATCAGTGGTGGAAACGGTCTCAGAACTTTTGTCTTAATTTGGCCATT  
TAAGTTTAATGATAAAGACTGGTTAATGATAACATGCATCGTAAACCTTCAGAAGGAAAGGAGAAATG  
TTTTGTGGACCATTGGTTTTTTGTGTGGCAGTTTTAAGTTATTAGTTTTTAAATCAGTACTTTTTTAAT  
GGAAACAACCTTGACCAAAATCTGTACAGAATTTTGAACCCATTAACAAAGTTTAATG

>GBEQ0337 |Acc|CD536468|Ver|CD536468.1 GI:31578883|LeukoN6\_8\_H04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_H04\_A028 3', mRNA sequence.:Start:1:Stop:592  
TCATACCCAGGGAGTGAAAGTGCCTTAATATTGATCAAAGAAATTTCAAATTACGGTCCATTGGGTGGGG  
AGAAGAATTCCTATTGTCCAAACACCCCTCAGGGAAGTGAAGTCAAGGCAATTACATATTCAGCAATGCAG  
GTCTATAATGAAGAGAAGCCAGAAGTTTTTGTGATCATTTGACATTTAAGATACCAAAAAAAGACTCC  
TATGAAGCACTGTTTTTCTCTTCTGTTGAGAAGATACCGTGATTTAAGTTCTGTACTACAGTATCTGT  
TGAAATATGGAGATTTGCAGAGGAGAACATTGTAACATAAAGTGCGACTTTTCAGAAATGGCAAATCAGAG  
CACAGCCTTGATCTGTGTTACCCAAATATTCAAACCTTTGAGGAATCTTTCAGGTGGCAAGTGTGGTTCTCT  
CCTTTATTAATTTCTGATGGAACAGCAGGTGCGTCCCTCTTCCAGTGGAAATGCAGGCTCTCCAGCCT  
GGTCCCAAAAGGAGCATTGATGTAAGCAGCAACCCAAGAGACTCAAGCCTCTGTGTTCTTACTGAATCC  
AGTTTTGAAAAAATAATAATTTGAGAAATCCT

>GBEQ0338 |Acc|CD536467|Ver|CD536467.1 GI:31578882|LeukoN6\_8\_E12.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E12\_A028 3', mRNA sequence.:Start:1:Stop:555  
AAAAATGTGATAGTCCAGCTGAAGAACTGTCAATACTCCACTCAAAGAAGAAGAGGATGCAATGCCTCT  
CATTGGTCTCTGAAACCTTGGTTTGGCATGAAGTTCGACTTGGACGATTTGGATGAAAAGGAGAAGACCAGT  
GTTGAGGATGTGGTAGTGGAAAGTTGAGAGTCAACTCTGTTTCCGTTCCGCTGACCTCTCTG  
TGGTCCAGCATAACTTTTTCAGTCGCTTCAACACTGACTCTCAGCCAGGACGAGTCTCGAAGTATAAAAAG  
TGAGAGTGACATAACCATTGAAGTTGACAGTATTGCTGAGGAGTCTCAAGAAGGTCTCTGTGAGAGGGAA



560

CACATCCTCTTTCACGTTGTGAGGATGGAGACCTGCTTCATTAAGAAGCTGAGGGTGGGGTGGGGTGGG  
GAGAACATTTAACAACATGGGGGGACCAGTCAGGGGAATCCCCTTATTTCTGTTTGCATATGAGGAACC  
CTAGAGCAGCCAACTGAGGCTGTCTAGTTTAATAAAAAATCATGGCAAGAGTCTTATGAAGACTCTTCCTA  
AGTGTTAATAGGGATTTTATCAGCTTGTTTTGGTTGCAGTTTCCAATTTTTTAAAAATGTTTCGGTGATAT  
TCTCCACCTCCCTAAATCCTGATTCTGTAGATTCAATAGTGTTGAACAAGTGCTTCTCATGTCTCAA  
TTCTTTGTATCTGCATTCTTTTCAGATGTATT  
>GBEQ0344 |Acc|CD536368|Ver|CD536368.1 GI:31578783|LeukoN6\_7\_B06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B06\_A028 3', mRNA  
sequence.:Start:1:Stop:561  
CCAGGCCAAGAAGCCCAAGGTGGCCTGGATCCAGGATTTTCATCAGGCTGCCGGAGGACGAGCAGAAAATC  
GCCGAGTACCTGGCCACCCATGGCCCCATCACCGTGACCATCAACATGAAGCTACTGCAGCAATACCAAA  
AGGGTGTGATCAAGGCCACGCCACCCTGTGACCCCGAGCATTTGGATCATTCTGTCTTGTGGTGGG  
TTTCGGTGGAGGCAAGTCAGTGGAGGGGAGGCGGCCAGGGGCAGTCTCATCCCAGTCTCGTCTCGCCGC  
TCCTCCTCATACTGGATCCTGAAGAACTCCTGGGGGGCCAGTGGGGCGAGGAGGGCTATTTCCGGCTAC  
ATCGAGGGAGCAATACATGTGGCATCACCAAGTACGCGCTCACTGCCCTAGTGGACCAACCACGTAAGAA  
GCGGCCAGTCTCCTGCCCTCCCTGAGCTCGCCTGGCTGCCCTCAGCTCTTCTCTGCTGTGCCAGTACC  
TCCTTGCTAGCCCATCCCAAGGTCTCGCCTGTGCTCCCAATCTTCTTGCTACAGATTGAATAAACCAAG  
G  
>GBEQ0345 |Acc|CD536365|Ver|CD536365.1 GI:31578780|LeukoN6\_7\_E11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_E11\_A028 3', mRNA  
sequence.:Start:1:Stop:549  
TACTAACAACATAAATTAACCCATACCAGCACCATAGATGCTCAAGAAGTAGAGACAATTTGAACGATTTT  
ACCAGCCATCATCCTTATTCTAATCGCCCTCCCATCCCTACGAATTCTATATATAATAGATGAAATCAAT  
AATCCGTCCTCAGAGTCAAAACAATAGGCCACCAATGATACTGAAGCTACGAGTATACCGATTACGAAG  
ACTTGACCTTTGACTGCTACATGATCCCCACATCAGACCTAAAACAGGAGAATTACGTCTTCTAGAAGT  
CGACAATCGAGTGGTTCTCCCCATAGAAATAACCATCCGAATGCTAATTTTCATCCGAAGACGTCCTACAC  
TCATGAGCTGTGCCCTCCCTAGGCCATAAAACAGACGCTATCCCTGGGCGCCTAAATCAGACAACCTCTCG  
TGGCTCTCGACCCAGGACTTTACTACGGCCAATGCTCAGAGATCTGCGGATCAAACCACAGCTTTTATACC  
AATTGTCCTTGAAGTACTTCCACTGAAACACTTCAAGAATGATCTGCATCAATATTAT  
>GBEQ0346 |Acc|CD536360|Ver|CD536360.1 GI:31578775|LeukoN6\_7\_A03.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_A03\_A028 3', mRNA  
sequence.:Start:1:Stop:585  
TGAGTGCGGGTCAATTCGGTTAAACATATGTGAAGATGATGAAAATGGAAATATTTTTGGAGCTTCTTTC  
CCAAGTCTGCCGTGGTCACCTCAAGGCAACAGCTGGGAGAAAGCCTATGTTAAATTTCTGTTGCGCCTA  
AGAGAGGAGTGGCAATGTTTGTCTCCTCCCTTTATGCTTCTCAGTTTAGTGTAACCTCTTTTGGATTTTCAT  
TAAATTCAGAGCTTTGGTCTCTGGTAAGATCCTTTCCCTTCTCTTTTTCTGACACTCCCAACNTCCCC  
CCATTCTGCCATCTTCATCCTCTGTTCCCTACTGAGATCACCTTTAATTTACACTCACCATCTCATTTG  
CTTTTCGGGACACCCTGTAAGATAGACCCTGTAAGATAGGCAAGTTAATATCCCTCTACAAACAAGGTT  
GAGAGAAGCACAGTCCACTGGCCACGCAGCTAACACTGTCCACCTTTGTATCCTCAGGTATGAGGACAAT  
TACATTTTGTAGTTTCTTTGCGTCATTGCAGAATGTTGAATCTTCTGTCCAAGCCATGATTTTGCTGAT  
AAATACATTGATGGTCTGATCAGTT  
>GBEQ0347 |Acc|CD536358|Ver|CD536358.1 GI:31578773|LeukoN6\_7\_C07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C07\_A028 3', mRNA  
sequence.:Start:1:Stop:572  
GAAGAACTCCTGTAGTTTTGCAGTTGGCTCCTAGTGAGGAACGAGTGTATATGGTGGGGAAGGCAAACT  
CAGTTTTTTGAAGACCTTTCAGTAACCTTACGACAGCTTCGCAATCGCCTGTTTCAAGAAAATTCATTCT  
CAATTCACTTCCCTCAATTCTCTGAGTAGGAACAATGAAGTTGACCTGCTCTTCTTTCTGAACTGCAA  
GTGCTACATGATATTTCAAGTTTTGTTGTCTCGACATAAGCATCTAGCCAAGGATCATTCTCCTGATTGTG  
ATTCACTGGAGCTGGCAGGTTTGGATGAAATTGGAACAATACGCGGGAAGACTCTGAACAATTCAGAGA  
TGCTTCTAAGATCCTGTTGATGCTCTGCAAAAGTTTGAGATGACATGTACAATCTTGGCATGAATGTA  
AGCTCTTATTTTCACTCGCTTCTCCCCCTGTGTACGTTACTGTTTGTGGTACAGCATACATAGAATATTAC  
ATGGAAGTAGATGCTCCCTGCTTTTCATGTGGAAGTGGACAGTGTCTATAAAGAGTGGCAAATAAAGTT  
AACAATGATTC  
>GBEQ0348 |Acc|CD536354|Ver|CD536354.1 GI:31578769|LeukoN6\_7\_D01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D01\_A028 3', mRNA  
sequence.:Start:1:Stop:711  
ATTGAAAGCTGAATTTGACTTAAAAAATAGTTTATGTACTGATTTTAGGTTGTATGATAAAGGACGCC



ACTGATTAAATTCACCCCCCTTTTAAAAAAGCAAATTGTTTTCTATTTATAAAAAGTAATTGTGAACT  
 TTCTTGTTAAAAATTTAAGTTATAACTTTAAAGATTTTAATAGAATCTTTTGAATGACTTTTCTATAAT  
 CTGTATCTACATCCCCTTAGGGGAAAAGCAAAGGGGCACCCCAAATCCAGAGCTATGCCTTGGAACGGG  
 GACCCACATTTTCATGCAGCCTTGGAAAATTTTAAAAGGCAACATTCTTTTATATTACATTCTTATACTGC  
 TGCCTTAAATCCAAACCCTTCTCGGAGCTCTTGTCTTGGGATGTGCGGGTTCTTTTGTCTCGGAGATCA  
 AGTTGATAATCTTACATGCTTGTGTGCACTGTCACTTAGTACCTATTTGACCAAGGTGTTAAGTACAGT  
 CCAATTCAAGCAGGGAAGTCACTCATCGGTGACTAAAATTAAGCACAGATGAACTAGAAGTAGCGGGTT  
 AATTAAATGTAAGTAGATTGTAGATATTGTGTTTATCAACAGTGTTTATAATGTGTATATATATAAT  
 TATTCAGTGTAAAAACATGGCCAAAATGTTTTTTTTTTTTTGAATGAGTAACCTGTCTATAAAATAAAT  
 CCGTCGGTGGG

>GBEQ0349 |Acc|CD536352|Ver|CD536352.1 GI:31578767|LeukoN6\_7\_G07.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_G07\_A028 3', mRNA  
 sequence.:Start:1:Stop:634

AGAGCTTTATAACCTCTTCATGGACTTTTATCTTCAAGCTGATGATGGAAAAATAGTTATATTCCAGTC  
 TAAGCCAGAAATCCAGTATGCTCCACAGTTGGAGCAGGAGCCTACAAATTTGAAAGACTCGTCACTAAGC  
 AAAATGTCCTATCTGCAAATGAGAAGTTCACAAGCACACAGGGACTATGTTGAAGATGGAGAAAGTGATG  
 GCTTTTTAAGATGCCTCTCTCTTAACCTCTGGGTGGATTTTGACCATGACCCTTGTCTCTCGGTGATGGT  
 ACTGCTCTGGATTGTGTGTGCAACTGTCGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGT  
 ATCTATGGTGACTTGGAAATTTATGAATGAACAAAAGCTAAACAGATATCCAGCTGCTTCTCTTGTGGTTG  
 TCAGATCTAAAGCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTCAATCTTGCTCATTTCAGA  
 AATTTAAGCTTTCTTTTTTTTTTAAAGAAAAGCGTAATAGACATCTAAATTTCCATTCCTCATAGTGCT  
 TTTTAAATGGTTTCATTGGATATAGGGCTTAAAAATCATAAAGTGCAAATAAAGTTACCCNAAATC  
 TGTG

>GBEQ0350 |Acc|CD536349|Ver|CD536349.1 GI:31578764|LeukoN6\_7\_A02.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_A02\_A028 3', mRNA  
 sequence.:Start:1:Stop:514

GACAACCGGCAGATTGTTTTGGCTCCGAGATAAAACCATCAAGCTATGGAATACTCTGGGTGTATGCA  
 AATACCCCTGTCCAGGATGAGAGCCACTCGGAGTGGGTGTCTTGTGTCCGCTTCTCACCCACAGTAGCAA  
 TCCCATCATTTGTCTCTGTGGCTGGGACAAGCTAGTCAAGGTGTGGAATTTGGCAAACCTGCAAGCTGAAG  
 ACCAATCACATCGGCCACACAGGCTACCTGAACACTGTCACTGTCTCTCCGGATGGATCCCTCTGTGCTT  
 CTGGAGGCAAGGACTTGGAGGGCAAGATCATTTGTAGATGAACGAAGCAAGAAGTTATCAGTACCAGCAG  
 CAAGGCAGAGCCACCCAGTGCACCTTTCTTGCTGCTGCTGATGGTCAGACTCTGTTTGTCTGGCTAC  
 ACGGACAACCTGGTGAGAGTGTGGCAGGTGACCATCGGCACCCGCTAGAAATACATGGCAAGCTTTAGAA  
 ATAAAAAAGTGTGTTTACCTTTG

>GBEQ0351 |Acc|CD536343|Ver|CD536343.1 GI:31578758|LeukoN6\_7\_F04.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F04\_A028 3', mRNA  
 sequence.:Start:1:Stop:165

CCCTTTCGCTGATGCAAGAACCTAGTGCGGTGGTGGGAGAGCTGTTGGCAGGAGCCGCGCTGCCGCTGGG  
 GCCTGGGGCTTACCGTCCGACTTTCCGTCTCGCGATCCGCTCGAGCCGACGCCATGTCGGGGACGA  
 GATGATTTTTGATCCTACTATGAGC

>GBEQ0352 |Acc|CD536341|Ver|CD536341.1 GI:31578756|LeukoN6\_7\_B10.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B10\_A028 3', mRNA  
 sequence.:Start:1:Stop:545

CCAGCGTATGATGACCAGCTTGCACGACACTCCAATGGCCACTCCTGTGTAGGGTGTGTGCTGGTGGTCT  
 CTGTGATTGAACAGCTTGCAGGTTTCACTACTACGGTCCAGGCCTCCATGGAGAGACTGTGCAGCTA  
 CCTGCCTGGAAAACCTGCTCTTGAAGACCACCTGCTATTTAGTGGTTGACATGTTTGGACCAGACATCATA  
 AACTGCTTAGCATGGATAAGAATGCTGATGTGGTGTGTACACCCCTGAAGTTTTGTAAACAGGACCCTG  
 GCCAACCATTGTGTACCTCTACCCCTCCCAAGGAGACATGGAAATTTACGCTAGAGAAGGCGGAAAG  
 TTGGGTAAACTCACTCAACAAATAGTTACAGGCTGCCATGTACAGGCTCTTAGGCCCTCCTAGGCAGCA  
 TCTTTGCAAAGTGGTTTTCTCTCATTTTAGAGTGTATCTGAGTGTGATTCTGTGTGCTCTCGGGGTGCTG  
 TCCTCTCCAATTGCTCCCTCAATAACCTTTAATAAAGTGCTTTGGGTGCCATTCC

>GBEQ0353 |Acc|CD536335|Ver|CD536335.1 GI:31578750|LeukoN6\_7\_F10.b1\_A028 Unstimulated  
 peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F10\_A028 3', mRNA  
 sequence.:Start:1:Stop:416

AAAAAAAAAAAAAAAAAAAAATTTATACCTGAACTGTACGGAGAACATTGTGCCAATAATC  
 ATTTAATATATGCCAAATCTTAAGCGTTTACTCTAACTGCACTAACGAAGTTTCAAGTACCTTGAGGGC  
 TGACGGTCTTTCTTCTGGGAGCGCTCTTGGGCTGGCTGTTCTTTTACAGACAGAGGTGGTGTGCAGGTG

CACTGTGCCCAGGTCACAGCCTTGTGGAGTGTTACCGGAAACAGTGTTATGGAAGCAATAACTAGTTCCCT  
AGGAAAGCACCTGAGCCAGAAGAGGGGCTGGGAAGCTGAGCCAAATGGGGGTCAACAGCTCGCTTCTCTT  
TCCCTTCTCTCACCCTGTTTGTGGGAAATGGAGATGTTCTCTCTCTATATCCCAGGGGATCT  
>GBEQ0354 |Acc|CD536331|Ver|CD536331.1 GI:31578746|LeukoN6\_7\_C11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C11\_A028 3', mRNA  
sequence.:Start:1:Stop:584  
CATCCCCCTCCCCAACCCATCCATTAGGCCAGCAATGCTTGTAATGCTCACTTGGGGCTGTAGCGTGGC  
ACTGGTAGGCTGGGACACCAGGGAAGAAGATGAATGCCTCTGTGAAACATGGCTGTTTTTAAGACCCTGC  
TTGGATAAGGTAGCCTAGAGTTGGGCTGCCATCCTGTGGCCACCCAAGCAGGGGATGAAGGAAGTGTG  
TGGGACTGGAGGCCCCAGAGCTTAACACAGAGGGCGGCAGCTCCTGCTTCTCTTCTTTGTATACTCTAT  
TCAGTTCTTTCGAAATGGATACCCAGAGAACTCCAGCCCGGCTGGGGTCAGGAGATGGCCAGCAAGA  
GTAGGACCGTAGGGCATGGGCACTGGCTCCAGTTTAAGCAGACGGGCCCTGGCCCTTACTTCTCCAACC  
CCCTCAGCCTCCCCGATTGACCTTGTGCACTTGTGTCTCTGCTCCACTCAGCTGTCGCTGCAGATAAA  
CACTCCAGCCTCCATCTTCCATTTTCCCCTCCTGCAGCCGCTCCGGGCTGTGCTATAGAGCCTAC  
CTGTATGTCAATAAACACAGCTG  
>GBEQ0355 |Acc|CD536268|Ver|CD536268.1 GI:31578683|LeukoN6\_4\_G10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_G10\_A028 3', mRNA  
sequence.:Start:1:Stop:478  
CTTTTTGTCCGACATCTTAGCAAGGCTGCAGTGGTTCATAGCTGCTGTCCGAGCTTCGCGATGCCGCCCAA  
GGACGACAAGAAGAAGAAAGATGCCGGAAGTCCGCCAAGAAAGACAAAGACCCAGTGAACAAATCTGGG  
GGCAAAGCCAAAAAGAAGAGTGGTCCAAAGGCAAAGTCTGGACAGGCTCAATAACCTAGTCTTGTGTTG  
ACAAAGCGACATATGACAACTGTGTAAGGAAGTGCCCAACTATAAGCTTATAACCCAGCTGTTGTCTC  
AGAGAGACTGAAGATTTCGCGGTTCCCTGGCCAGGGCAGCCCTTCAGGAGCTCCTTAGTAAAGGACTTATT  
AACTGGTTTTCAAAGCACAGAGCTCAAGTAATTTATACCAGAAACAGAAAGGCGGAGATGCCCCAGCGG  
CTGGTGAAGATGCATGAACAGGTCCCATCAGCTGTACATTTGAAAAATAGACTTTATT  
>GBEQ0356 |Acc|CD536257|Ver|CD536257.1 GI:31578672|LeukoN6\_4\_F04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F04\_A028 3', mRNA  
sequence.:Start:1:Stop:363  
AGTGGACCAACTGGAAGGAATGTTGAAGATGCTTCGGGAGGATCTGAAGAAGGAAAAGGAAGACAAATCC  
CACCTCCAGGCAGAAAGTCCAGCACTTGTGAGAGGACAACCTGAGGCTGCAGGAGGATTCCAGAATGCCT  
CCGACAAGCTGAAGAAGTTTACAGAATGGGTCTTCAATACCATCGACATGAGCTAGGGCAGGCTCGGGCG  
GAGAGGAGAGAGGCCACAGGGAGTGCCTTTTGTGAGGCTGGAAGCCCCCTTGGTCATGCCTTTGAAAGCG  
TCCTCAGCGCGCCCTTCCCTGCTCCCTACTTTGCCCCCTTTTGGGGAGTGCACAACACAACAATTGCAGA  
TCAACAATCATTA  
>GBEQ0357 |Acc|CD536247|Ver|CD536247.1 GI:31578662|LeukoN6\_4\_E05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E05\_A028 3', mRNA  
sequence.:Start:1:Stop:626  
GGGTGTGTCAGGCTCACCGGACTGAAGAAAAGATCCTGTCCCTACCCAGGAGTGCTCTCACCTAACCT  
CAGTGTAAAGATGGACAGTTTGCCCGGCAGGGTGAATTCATGGGAGCCTCAGCTGTGACTGGGCACTGAAG  
CCTGTAGGAAGCTTCCCATGTGAGCTGGAGTTAGACCGAGCAGTGCCCGGGTCTGTGCTTCCCCAGGCCC  
ACAGAGGCCACCCAGGCACCCCGGAACCATCCCCGCCATGTGGTCTCCAACAAGAGCCCGAGCCACATT  
CTGTTGGGATTCAATTCAGAGTCAAGTGAACCTTCTTATTATCTCTGTGCCTTTCCCTTTCCCT  
CTTCTTCTTATTCTCGTTGTGCTTGGGAAGAGACCCAGCAACCAAGAACCAGCCTCAGAAGCCAAAACC  
AAGCCTGAACCCCCCTCGGCTTCCCCCTTGTCTCCGGGAGAAAGTTACCGGAAAAATACCTTCTGGCCT  
CTGTTTGTTCAGAGATGACAGAGCTCAGCGGGGAGATGGGGATCCTTTTATGCACCAGAGCTGTGCTG  
AAGCAGAAAGCAGCGGGGCTCCTGGTGTCTGGCTGCCTTATTTATATTAAATTCGCAAGGGGT  
>GBEQ0358 |Acc|CD536246|Ver|CD536246.1 GI:31578661|LeukoN6\_4\_G09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_G09\_A028 3', mRNA  
sequence.:Start:1:Stop:693  
TATATGGCACTGCCGTAATTCAAATTTGTTTTATTTTGGAAATAAAAGTTCACTGTAATTTTTTTTCAT  
TCTCATTGTTACATGATTTTTTAAAAAATGAAAAGAAAATGTGAAACACAATTTAGTCTCATTATTTAT  
TTGTAGATCCTGCAGCATCATGTTGTAATTAATTTTTTAGAAGTTTCCGTTAAATGTAATATTGCTTCTC  
CTGTTACCATACTGATTCTTTTCTATTATAAATGTATTTGATGGGCAGTAAACAAAAGTGTCTTAAAA  
GTTTTAAATAGAGAAAATGTCTTTACAGTTGCCTATATAAAAGTGTCTATGTTATCCAAGCAATTCA  
TACTATAAGCTTCACTCTTATTGTTGTATGCAATTTTTTACTATCATGCAAGTAAGCTTAGGTAAATAAAA  
CTAATAGATCACCTTAGAAAATTATGCAATTAATGTGAAAATAATTGATGTTTGCAATGTGTCTTCCCTTT  
GGTTTACAATCAATTTTAAAGCTACATCTGTATAAAATTTCTGTATAAAGGTGATTTCTTTTTTTATGAG

TTTATGGCTATGAAAACACCAGCTATTTTGTACAGCTGGCTGTTTTATAAGTGATCACAATTTTCTT  
TATGCAGAAACGTTCTGATTAGGAGTGGATATTGACTGTAACACACAATTAAAATTGTTTGT  
>GBEQ0359 |Acc|CD536244|Ver|CD536244.1 GI:31578659|LeukoN6\_4\_F10.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F10\_A028 3', mRNA  
sequence.:Start:1:Stop:554  
GAGCTGACCGTGCAGCAGGACCGCGTGTGCAAATCCTACTTACGCAATTACAACCGTACCACTCAGCTTT  
GTGTGGGGGACCCGAAGGAAAAGAAGTCTTCTTTTAAGGGGGACTCCGGGGGCCCTCTGTGTGTAACAA  
CTTGATCCAGGGCCTTGTCTCTATGGAAGATGCGACGGGACTCCTCCACGGGCCCTCACCAAAGTCTCA  
AGCTTTTCTGCCCTGGATAAAGAAAACCTTGAAGGCCACATGGCAGAGTGGCTAAGTTCGTGCACTCCACT  
GAGGTGGCCAGGGTTTGGCCGTTTACATCCTAGGCGCGGACATGGCACTGCTCAACAGGACATGCTGA  
GGCAGCATCCCAACAGCCACAACCTAGAAGGATCCCCAACCTAAGAATATACAACCTATGTCCCGGAGGCTT  
TGGAGAGAAAAAACAGGAAAAAACTAAAATCTTTTAAAAAAGAAAAGAAAACCATTAAAAGCCTCT  
AACTGTAGGAACACGCCACCTTCTCTGGAGCTGATCCAGAATGACACCATAACTAAATAAATG  
>GBEQ0360 |Acc|CD536240|Ver|CD536240.1 GI:31578655|LeukoN6\_4\_F03.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_F03\_A028 3', mRNA  
sequence.:Start:1:Stop:568  
TAATGGAGACTGGACCTTCCAGACCATGGTGATGCTTGAGACAGTTCTCAGAGTGGAGAGGTCTACACC  
TTCCTGCTCCCTTGCACCCCTGCTCTCTCTGTTCTCCAGCATGGTGTGTCTGTGGTTCCCGGAGGCTCC  
TGGATGGCAGCTCTGACAGCGATACTGATGGTGTGAGCCCTCCACTCGCTTGGGCCAAGAACACCCGAC  
CACATTTCTGGAGGCTGTGAAGTTCGAGTGTGTTTTCTCCAACGGGACTGAGCGAGTGCATTCTGGA  
GAGACGCTTCCATAACGGGGAGGAGTACGCGCGCTTCGACAGCGACGTGGGGGAGTACCGGGCGGTGACC  
GAGCTGGGGCGGGCGGACGCCGAGTACTGGAACGGGCAGCAGGACATCCTGGATGAACGGCGGGCAGCGG  
TGGACAGCTACTGCAGTATTGATTGATGCTACCTTGTCTGCATTCTTTCCCTCCCATTTGATTCAACC  
CTTATGGCCTGCTATGCACCTGAACCTCACCTCTGCCACATTTCTTTATAAAGTTTTTCTCAAATAAACA  
TGGAGGAA  
>GBEQ0361 |Acc|CD536238|Ver|CD536238.1 GI:31578653|LeukoN6\_4\_C08.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C08\_A028 3', mRNA  
sequence.:Start:1:Stop:528  
TTTTTGACACTTCCATTGTTTAAAAATACACATGGAAAAAACCCTATATGCTTACAATGCACCTAG  
AGCTTTTTTATAACAACCTTTTTTTTTTGTGTTTATTTGTTTGGATTCTTTAAATATATATTATTCTC  
ATTTAGTGCCCTCTTAGCCAGAATCTCATTTACTGCTTCATTTTGTAAATAACATTTAATTTAGGTATTT  
TCCATATATTGGCCCTGCTAAAATAGAATATAGCATCTTTCATATGGTAGGAACCAACAAGGAACTTTT  
CTTTAATTTCCCTTTTACACTTTATGGTAAGTAGCAGGGGGAAGAAAAAGCATTTATAGATCATTTCTAG  
GCAAAATTTGTAAGCTAATGACCAACCTATTTCTACCTATGTGCAGTCTCTTTATTTTACTAGAAATGGG  
AATCATGGCCTCTTGAAGAAAAAGTCAACCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
ATTTTTTTGTTTGTATTGTAATAAATAATTCACATAATA  
>GBEQ0362 |Acc|CD536237|Ver|CD536237.1 GI:31578652|LeukoN6\_4\_C11.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C11\_A028 3', mRNA  
sequence.:Start:1:Stop:611  
GCCAGTCACCTGAAAAAGACCCACGGCGGCAAGATCGACTACATCGCTGGCCTAGACTCCCCGAGGCTTCC  
TGTTCCGGTCCCTCCCTGGCCCGAGGAGCTCGGTGTGGGCTGCGTGCTCATCCGAAAGCAAGGGAAGCTGCC  
AGGCCCCACTGTGTCTGCCTCTACACCTGGAATATGGGAAGGCTGAGCTGGAGATCCAGAGAGACGCC  
CTGGAACCGGGGCGAAGGTTGTTGCTGTGACGATCTGCTGGCCACTGGCGGAACCATGCGCACCCGCT  
GTGAGCTGCTGGGCCAGCTGCAGGCCGAGGTGCTGGAGTGCCTGAGCTGGTGGAGCTGACCTCGCTGAA  
GGGTAGGGAGAAGCTGGGGACTGTGCCCTTCTTCTCTCTCTGAGTATGAGTGAGCCCTGCTGGCCACC  
AGGGGGCAGCTGGCCATCCGCCTGGACTCTCTTCTAACCTGGTTGGGTGACTCTCCAGCCCGGGGCTCC  
ACCTGGGGTCTTCTGTCAGATTCTGCAAGTGCCAGCACCTGGGGCTGATGGCCCGGGGCGAAGCCAGC  
CCAGGCCACTGCAGGTCCATTTACAGTGAACCAGGACCATGAATAAACAAC  
>GBEQ0363 |Acc|CD536235|Ver|CD536235.1 GI:31578650|LeukoN6\_4\_D02.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_D02\_A028 3', mRNA  
sequence.:Start:1:Stop:663  
AAGAAAGAAATTGGTCGATGTTTTAACTTATTTTGAAGCTTTAGAAACCAGTGTGGATTGATTACAA  
CTGGGGACTTCATGTCAGGTTTTGTTCCAACTTTGTCTTCTTAAACAAGTGCAGATGGCAGCTACACA  
TATAGCCCGTAAAGCTGTGGAATTGGACTTGGTTTCTGGAAGGAGCCCAATATCTGTGGCGGCAGCAGCC  
ATTTACATGGCCTCACAGGCATCAGCTGAGAAGAGGACCCAAAAGAAATTGGAGATATTGCTGGTGTG  
CTGATGTTACAATCAGACAGTCTACAGACTGATCTATCCTCGAGCCCGAGATCTGTTTCCACAGACTT  
CAAATTTGACACTCTGTGGACAACTACCACAGCTATAAATCGAGGCAGCTAATGCCAGACTCTCGCAC

ACTGAACTTGGCCTGTTGTCCACAGCCTTTCCGAAGTGCTGGAGGGAGCCTTTAACAAGGGAACGAAGAC  
GTGGTACGCATTCCAGGGCTAAATGTTAATGGCTTGGCATTCTGTATGTATATACAGCAAAACCTATTT  
AATGATTTAAATTTCTTATTGAATTTGCTTTCTTTTGTAGCAATCTAGGAACTGTATTTTGGGAAGATAT  
TTGAAATTATGTAATCTTGAATAAAACATTTT

>GBEQ0364 |Acc|CD536228|Ver|CD536228.1 GI:31578643|LeukoN6\_4\_B05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_B05\_A028 3', mRNA  
sequence.:Start:1:Stop:668  
CAGTACAAAAATACCTGCTGATGTTTGGAGTGTTAGTCTCAGTCTTTATCCAAGAAGTGTCCGGTTTGG  
ATATTATAAAATTTTAAAAAAGCCAGTGAAGGTTTGAAGAAATAAAGCGCAGATGAGACAGCACTGTCT  
ATGCGACTGCTGGCCTATGTTTCTGGCTTGGGCTTTGGAATCATGAGTGGCGTGTTCCTTTGTCAATA  
CCTTGCTGACTCCTTGGGGCCAGGCACGGTGGGCATTTCATGGAGACTCTCCCCAGTCTTCTCTGGTTTC  
AGCTTTCATGACGCTGGTAATCATAATGCTGCACCTTGTCTGGGGCATTGTATTTTTTGTATGGCTGTGAG  
AAGAAAAAGTGGTACGCCCTTCTTCTGGTCTTCTAACCCTGCTGCTGGTGTCAACCCCTGACCTTCATAA  
ATCCTCATTATGGAATAAGTCTGGTGTGAGCATATATAATCATGGTGTCTATGGGCATCTGGGCGTTCTT  
TGCTGCTGGAGGCAGCTGCCGAAGCCTGAACTATGCCTGCTCTGCCAAGACAAGGACTTCTCTCTTTTC  
AGCCAGCGCTCCAGATAACCTCCAAGAACCAGCACCTCTCAAACAGTAAGCTGCATCTTTAGAGGAAGCA  
CAACTGTGCCTTTTCTAAAAATCCCTTTTCTGGGGA

>GBEQ0365 |Acc|CD536222|Ver|CD536222.1 GI:31578637|LeukoN6\_4\_C03.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C03\_A028 3', mRNA  
sequence.:Start:1:Stop:644  
GAGAAGACGGGACACAGTGGTACCCTGGATCCCAAGGTGACGGGCTGTTTAAATTGTGTGCATAGAACGAG  
CCACTCGTTTGGTGAAATCACAAACAGAGTGCAGGCAAGAGTATGTGGGAATTGTCCGGCTGCACAATGC  
TATTGAAGGGGGTACTCAGCTTTCTAGGGCCCTGGAAACTCTGACTGGTGCCTTATTCAGCGTCCCCCA  
CTTATTGCTGCAGTAAAGAGGCAGCTCCGAGTGGCGACCATCTATGAGAGCAAGATGATTGAGTATGACC  
CTGAAAGAAGATTAGGAATCTTTTGGGTGAGTTGTGAGGCCGGCACCTACATTCCGACGCTGTGTGTGCA  
CCTTGCTTTGTTATTGGGAGTTGGCGGTGAGATGCAGGAACCTTCGGAGAGTTCGTTCTGGAGTCATGAGC  
GAAAAGGACCACATGGTGACGATGCATGACGTGCTTGATGCCAGTGGCTGTACGACAACCAAGGATG  
AGAGTTACCTGCGCGAGTTGTTTACCCTTTGGAAAAGCTGTTGACATCTCATAAGCGGCTGGTTATGAA  
AGACAGTGCAGTGAAGAGCCCCAAGCGGAAGCGAGAGAGTGAAGTGATGAGACATCTCCAGTGTCTCCA  
CAGTTGATCAAGAA

>GBEQ0366 |Acc|CD536220|Ver|CD536220.1 GI:31578635|LeukoN6\_4\_E07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E07\_A028 3', mRNA  
sequence.:Start:1:Stop:564  
GCCACTGCTGCCAGTTTCGCCAGTGCTTCCGCGTGTACTCCATTGCAGCAGGTGTGTTTGTCTGCC  
TGCTGGAGTACCCCGGGGGAAGAGGAGAAAGGGCTCCACCATGGAGAGATGTGGACAGAAGTATATGAC  
GAAGGTGGTGAAGTTGTTTGGGCGCTCACCAGGAACCTACTACGTCCGGGCTTCTTGCACCTTGGGCTG  
TCGGTACCTGCGGGCTTCTGCTTGCCACCATCCTGGGGACAGCCTGCTTGGCCATCGCAAGCGGCATCT  
ACCTGCTGGCGGCGCTCCGTGGTGAGCAGTGGACCCCATCGAGCCCAACCCAAAGAGCGCCCCCAGGT  
CGGGACCACCATCAAGCAGCCGCCCAGCAACCCCGCCCCCGCCCCCAGCCGAGGCTCGCAAGAAGCTC  
AGCGAGGAGGAGTCCGCGGCCGCCACAAGTGTCCCCAGCGGCCCCAGGAAAACCCCATCCCGGTGACCG  
ATGAGGTGCTGTGACGGTGTGTGACCAGAGCCTCAAGCCGCTTCCCCAGCGGCTCACAATAAAGAAATG  
AAAG

>GBEQ0367 |Acc|CD536136|Ver|CD536136.1 GI:31578551|LeukoN6\_3\_D08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D08\_A028 3', mRNA  
sequence.:Start:1:Stop:673  
GAATTCCCTTCTGAGTTAATGTCAAATGACAGCAAAGCGCTCTGTGGCTGAATAAATGGTGTTAGGACTT  
TTTTTTCTTTGCAACAATAACAATCCACAGGATCTTTTAAAGGCGCTGAACCTATTTTTCAACCAT  
TTCACAAGGACAACAAGTTGAGTGGACCTTTTAAAAAATGGAAGGAAAACCTGAGAATGCTCATCTTGCC  
CAGGGTGTTCCTGACCTGGACTGTGATCGTAGTTATTTATGAAAAAGACTTTTAAATGCCCTTTCTGCA  
GTTGGAAGGTTTTCTTTATATACTATTTCCACCATGGGGAGCGAAAACGTTAAATCACAAGGAATTGCC  
CAGTTTAAACAGACTTTGCTTTTTTCAAAGGTGGAGCGTGAATACAGAAGGATCCAGTATTCAGTTAC  
TTAAATGAAGTCTTTTGGTCAGAAATTACTTTTTTGAAGTGCAGCCTACTGAATGCTGTGTATATATTTA  
TATATAAATATATATATATTGAGTGAACCTTGTGAACCTTTAATTAGAGTTTTCTTGTATAGTGGCAG  
AGATGTATATTCTGCATACAAAGTGAATGATGTAATTCATATGCTAACTTTTTTATAAAGTTTAGT  
TGTAACCTTAACCTTTTATACAAAATAAATCAAGTGTGTTTA

>GBEQ0368 |Acc|CD536134|Ver|CD536134.1 GI:31578549|LeukoN6\_3\_C02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_C02\_A028 3', mRNA

sequence.:Start:1:Stop:529

CCCGGCTTCCAGCTGGCAGGACTCCCTCTCCTGTTTTCTCGCCATCTTCTCTTTTTCTGGCTGCTCAGT  
ATTTGAGCTGTGTCTCCTTCCCTGCCACCTCCAGCCAGAGGAGAATCAGTATTGGGGGTCCCTGCTGACC  
CTTCCTTATTTCTGGACCTCCCCCAAGCCCTCCATTTCTATTTGGCTAAGGCCACCCAGCCACTCT  
CTAGGAGGGTGTGAGGAGGAGGAATGACATCTGTGCATAGGATGGGAGAACCTGCTCTGAACTGCTCACC  
CAGTAGCATCATAACTCCCAACTCTGGGAGAGGAGGACACACTGAAGAGAACGTTTGCTTCTCCTCTCAC  
CTGATCTTTTGCTTTCCCTAGATTTCTTGATTTGATGTTGAAAGGTGGGCAAGGCTCCCTCTGACTCTT  
CCCTCTTTCCCTTTGTTGATTTAATTTAATTTTCTCTCCCCAGTGTCTAATATGGGTCTAACTCGAA  
GTGCTTCCCTTTCCCTCACTACCTCCTTTATTACAAATTC

>GBEQ0369 |Acc|CD536128|Ver|CD536128.1 GI:31578543|LeukoN6\_3\_G06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G06\_A028 3', mRNA  
sequence.:Start:1:Stop:465

GGGTGATAAATGAGCTGCGCTTCCACCTAGAAGAGAGTGAAGAAAAAACGTGCTCCTCTGTTTAGAGGA  
GAGGATTGGGACCCGGGATTCACCATCATCGATAACCTCATGCAGAGCATAAACCAAGCAAGAAGACA  
ATATTTGTTTTAAACAAAAAATATGCAAGAAGTGAAGCTTTAAAAACAGCATTCTACTTGGCCTTGCAGA  
GGCTAATGGATGAGAATATGGATGTGATTTGATTTATTCTGCTGGAGCCAGTGTTACAGCATTCCAGTA  
TTTGCGGCTGCGGCAGAGGATCTGCAAGAGCTCCATCCTCCAGTGGCCTGACAACCCCAAGGCAGAGGGC  
TTGTTTTGGCAAGTCTGAAAAATGTGGTCTTAAGTGAATAATTCACGGTATAACAATTTGTATGTTG  
ATTCATTAAGCAATACTAAGTATGTTAAGTCATGGTTACCAA

>GBEQ0370 |Acc|CD536127|Ver|CD536127.1 GI:31578542|LeukoN6\_3\_H08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H08\_A028 3', mRNA  
sequence.:Start:1:Stop:647

AAAGATGGGAAGCCCATCCTGCAGCTGGAGACAGTAGACCCCAATACTTACCCAAAGAGGAAAATGGAAA  
AGCGATTTGTCTTCAACAAGATGGAAATCAAGGGCAACGTGGAAATTTGAGTCTGCAATGTACCCCAACTG  
GTACATCAGCACCTCTCAAGCAGAAAAAAGCCTGTCTTCTTAGGAAATACCAGAGGCGGCCGGGACATA  
ACTGACTTCATCATGGAATACCTCTGCCTAAGAATACTACATCCAGAGAGTCCACGTGTGATGAATAC  
AGCTTAAGGGTGGCAGAGGGGAATAGAAGGGTTTGAACATGCTGGTGGAACTTCTGCACTTCAGTTCAA  
AGAAACCCCTCTGTCTGTTGCACCCAGCTTCTGATGAGCAACTGCTTAATTATTTATTTATTTATTTATTTG  
GTGGGTAGTCTATTTAATTTAATTTCAAGGTGGCCAGGAAGCAGCACTGTCTGTGAATGAGCCCAATCTT  
CAACATCTATGGAACCAAGTTAATTTGGACTAGTGTACCATGTTTATACCAAGTCCTTTTACCAAGCCTG  
AAAATATGTCAGCTCAGATTATTTAAATAGGAATATTTATGAGGAAAGAAGGATGATCACACTGTTTCAA  
TAATTTCTGAATAAAT

>GBEQ0371 |Acc|CD536125|Ver|CD536125.1 GI:31578540|LeukoN6\_3\_H11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H11\_A028 3', mRNA  
sequence.:Start:1:Stop:523

CGGGACAGACAAGTGTGTGGAGAGGATCAACGAGATGGTGAACAGGGCCAAACGGAAGCAGGGGTGGAT  
CCTCTGGTACCTCTACGAAGCTTGGGCCTATCCCTGAGCGGTGGGGAGCAGGAGGACGCGGTGAGGATCC  
TGATCGGCCCTCCCATCCTGTGTGTGGGCTCTGTGTGGAAGAGTTGGGAGCTGCTGAAGGAAGGTTTCCT  
TTTGGCGATGACCCAGGGCAGAGATCCAGGCCAGAGCTCCTTCTTTAGCTTCACCCCTGATGAAGCTG  
CGGCACTCCTCCGCCCTGGGCGGGGCCAGCCTAGGGGCCAGGCACATCGGGCACCCCTTCCCATGGACT  
ACAGCGTCAATGCCGTTGCCTTTTACTCCTACACCTTTTCTAGGGGGCTGGCCCAGGCTCCACCCCTC  
CAAGCCAGTGGACATTGGGTGCTGGAAGGGAGGAAGCTTTTCTTCTTTTCTTTTAAAAAAGAGA  
AACCCCTATAGAAGAAAATAAACGCACCTTACC

>GBEQ0372 |Acc|CD536122|Ver|CD536122.1 GI:31578537|LeukoN6\_3\_C12.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_C12\_A028 3', mRNA  
sequence.:Start:1:Stop:583

GAACAAAATGCCACGTTACTGGCTGGGGAGCCACCAACCCAGAAGATTGAGACCCCTCTGATACCCTGCA  
GGAAGTTACTGTAGTGTGTCATAAGTCGAAAATTTGCAACAGCCGAAGTTATCACAAACCACCACCTATT  
ATAACTAAAGACATGATTTGCGCAGGAGACACCAAGGCCAGAAGGATGCCTGCCCGGGTGACTCAGGTG  
GCCCTTGGTCTGCAAGGTCCTTATATGCCCTGGTCTCTGGAGGTGTTAAATGTGGTGTGCAAGAA  
ACCTGGAGTCTACAGCCTATTAACCCATAAATACCAGGCTTGGATCAAAAATAATCTTGATCCATCAT  
AGAACTAAACTACAAATGATTTTCTGGATCTACCAGTTGCTTGTCTGTTTTTATAACATATTCT  
ACGGGTCAACTTGATCTTCAGGTGTAGTTGGATGTAGTTAAAGTGGAGCACGGTAATGGGCCCCCTCCTGC  
CCGTTAGGACTAAGTTTGTAAAGGAATCAAGTTTTTTTTTTCACATATATTGCTGATGTATTTCTACTA  
TGCTGATTTCACTGAATAAAT

>GBEQ0373 |Acc|CD536116|Ver|CD536116.1 GI:31578531|LeukoN6\_3\_G09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G09\_A028 3', mRNA

sequence.:Start:1:Stop:449

TCCCGCCCTCCTCTGAGGAGCTCAGCGCCAACAAGGCCACAGTGGTGTGTCTCATCAGTGACTTCTCCCC  
CAGCGACTTGACGGTGAGCTGGAAGGTAAATGGCGCCGCCATCAGCCAGGGAGTCCAGACCACCAAGCCC  
TCGAAACAGAGCAATGGCAAGTACGCGGCTAGCAGCTACCTGACGCTGACCCCCGCCAGTGGAAATCGT  
CCAGCAGCGTCAGCTGCCAGGTACGCACCAAGGGAAAACCGTGGAGAAGAACTGTCCCCCTCAGAGTG  
TTCTTAGGTCCCTGAGCCCCGCCACTCATGGGACCCCCCAGGACAATCAGGAAGGGCCTTCCCCACCCA  
GACACCCCTTCCCAGCTCTCCACTGTACTCCTGAGACCCCCACCCAGCATCAACTCAGCCCAGGCAGGTCT  
CACACCTCCTCAATAAAGACCTAATCAT

>GBEQ0374 |Acc|CD536115|Ver|CD536115.1 GI:31578530|LeukoN6\_3\_A08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_A08\_A028 3', mRNA  
sequence.:Start:1:Stop:599

TTGCAGAAAATGCAGATCAAACTTTAAAAAATTCAGTGGCCTGCCCGGGTGCACAGAAGGCTATTACTC  
CTTCAGAGGCAGTTGACAGATTTATGCCTAGGACAACACAACCTGCAGGAGCGGAAAAGAAGACACAAGA  
TGTTTGTAACCTTGGAACCTTTTTTGAACAAAGCAGCAGCAATGAGGTGTGATTGGGCCCTTTGTTG  
CCAGACATACCTAAAGTGGATATGCACGATGACTCCTTGAATACAACGGCAGATTTAATTCGGAAGAAAC  
TTAAGAGGTAATTTTCATTTGTGCCAGAGCCTCCAGAGGACAACTGGAAGACATGCATACAAGTCACTC  
AGTGAACAAAGAAGAAGGATATAGATTGCCAGCCGAGATTATTTTAAAGGGACTATTTATTTTAT  
TTTTAACCTGTCTATTTAGTTTTTGAAGAGATTTACTGGTATTTTTTAAATGCACCTCTTTTGTATTT  
TCATTCAGCCACTTGGTTTAAAAACAGTTTCATTTTTTGAATTAGCTTTTCATGCACAAAATACATGCCA  
GCCAAATATGTCCCTTAAAAAAAATAAACTTTGGTTAC

>GBEQ0375 |Acc|CD536114|Ver|CD536114.1 GI:31578529|LeukoN6\_3\_F10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_F10\_A028 3', mRNA  
sequence.:Start:1:Stop:647

GGGGTTGGAGGTGTTATTTGCAGTCTTAGATTTTGTCTGGATGCACTAAAAATATAACTGCTTGGAATAT  
TTGGCCAGTATCTCCGACAGACCTTAATGGGGAGTCATCTTGCTGGGTTCAGAAGAGTGGAGCTCCA  
GGAAAACTGGTGGCCAGGCTTTCACCTCAGCTACTTTTGGGCAAAAAGTGATTGGAAGGAGGATAAAGC  
GTTGGCTTGTGAGAAGGCCCTTGGTGGCTGGAGTATTTGCAGGAAAAGGTTGTAGATATTTTCGGTATATT  
TCAAAACAAGATCATCAAGTCTTCAGGAAGAAAATTAAGCGGATGAAGAAATTAGTGAAAAAATACAGTA  
TCATAAATCCAGGACTCTGATACGGAATTTTAGTTATTTCCGATCAGTAGCTACAGTGTAGCAGCTCGCT  
AGGTAGTTATCGAATGTATTTATTTATTTGGTGTTTCAAGAAGCCAGTTTATGGCTACAAAAAAGTTGT  
TTTTATATTTTATTTTACATTTCTTTTACTGTCTGTTATGGCTATAGAAACAGTCTCACTGTCTTTGCTC  
TTTGCAATATTTTATTTTCTTTTGTACCGTTAAATGTAACATTTATTAAGGAATAATCTTCGAATA  
AAAAATGTATTTAATTG

>GBEQ0376 |Acc|CD536099|Ver|CD536099.1 GI:31578514|LeukoN6\_3\_G08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G08\_A028 3', mRNA  
sequence.:Start:1:Stop:582

GGAGGAAGAAAGGAAGAGAAAAAGCAGGTGCCTGCAGAACATGTTAATTTATCAGAGGCTAAACAGAA  
GAGCCCCCAGTGCATGCTAATGAAATTGCAAAAATGAATAATCCCAAGGGGATGGTGAACATTTTGCAC  
ACCCACCCACAGAGGTTAAAGTGCATTTTGGTAATCAGTCAGTACAACCTTTGGCAAGAAAGCTGGAAAT  
GTTGCCCTGAACTTCCCTCCCTTCCACGAAAAGGCCTGAAGATTCTGGCTTAGAACATACAAGCATTGAA  
GGACCAATAGCAAATTTATCAACTCTTGAACGGAAGAGCTCCGGCAACGAGAACACTATCTCAAGCAGA  
AGAGAGATAAGTTGATGTCCATGAGAAAGGAGATGAGGACTAAGCAGATACAAAATTTGGAGCAGAAAGG  
AAAGCCTGGGGAGGTAGAGGAGATGACAGAGAAACCAGAAATGACAGCAGAGGAGAGCAACATTTACTA  
AAGAGGAGATTGCTTGCAGAGAACTTAAAGAAGAAGTTATTAATAAGTGATGTAAAAACAGTTTAGCA  
AAACAGAAGTTCAAATTTTCTT

>GBEQ0377 |Acc|CD536097|Ver|CD536097.1 GI:31578512|LeukoN6\_3\_B09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B09\_A028 3', mRNA  
sequence.:Start:1:Stop:567

GGAGTAAATGCATGTCCCTGCATTTTCTGTGATCTGGAAATCCCTTGATTTTTTGCAAATGGTAGTACTT  
GCAATCTGTTTTATAATTAGTACTCCATTTTAATCTTAATTTATAATTTTATCTTAAGCAGCAAAATTA  
AAGTGGCCAGTTTTAAGACGGTGTGCTGTAACACAAAAATGTAAGAAAAATTTAGGAAAGCCTCTTGTAT  
TGTTTGGCCTCACATTGCCTTGGTAAAGTAAAAGGAAACAGTACGCATGGAGCTAGGAAACCAAAGCAAG  
TTTGTGAACTGGGCACAGTGATAGAGAATTGCTGTGGAGAGTTGTAGAGCAAAGGGATGGGTCTTCGGG  
CCTGCCAGTCTGTAAAGGTGTTCAATAAAGGGCTGTTCTACAGGTAACGTTAAATGTGAACCTTGACAC  
TTCAGAGTCTTCGAAGGGTTTCTCAGTGTATCAGTGTAATAGCGTGTGGCCACCACCTGCCTTTGTTCTT  
TGTTAGTGTAACAATGTTGATAGAGGTTTATTAATTTTGTTTTGTCTATGTAATCAATAAAATTTG  
AGTAACA



>GBEQ0378 |Acc|CD536090|Ver|CD536090.1 GI:31578505|LeukoN6\_3\_B05.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B05\_A028 3', mRNA sequence.:Start:1:Stop:536  
TCCCTGTGGGTCCCATGATCCCTTCCACAGGTGGACATTTCAGATGCAATGGCTATTACAGGAAATACCC  
CCAGGTGTGGTCACACCCAGTGACCCCTGGAGCTCCTGGTCTCAGGACCCAATGTGGAACCCAGACGC  
GCACCGACAGGTCCCATCTCCACAACCCGAAATGCCTGACACCATCAGCCTATCACAAAACAAGTCAGACT  
CCAAGAGTGATACATATCCAGAGACTACACAGTGGAGAATCTCATCCGGATGGGCACGGCTGGCTTGAT  
CCTTGTGGTCCCTCGGGATTCTGATATTTTCAGGCTCAACACAGCCCAAGAAGACCCCAAGACGCAGCCAAG  
AGATACCCATAAGAGAGAACAATGTGCTGTTTAGAGTGGTAGAGACTTGGAAGAAATCTTGATTCCCA  
GGAGGATCTGGAAGAACATTTGGGGCATATGTTGTGTAAATGTCTGCAGGCCATTGGTAGGTGGAGGAA  
TTCATGCACAGGGGCATGTCTTGTCTCTTCTCCATTAAACTATGG

>GBEQ0379 |Acc|CD536081|Ver|CD536081.1 GI:31578496|LeukoN6\_3\_E03.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_E03\_A028 3', mRNA sequence.:Start:1:Stop:577  
GTGAGAAAGTGCCTTCTTAAAGGGTCTCTGGGGCTCAAATGGCACCAAGTGGTGAATAACATATCCC  
AGTTTCATTTTCTGGACCGTTTTTGTCTTAATGCTTCTGTTTTATGTGGTGATCGCAAAACAAGTATATAA  
TTCTTACAGAAAGTCCAAAAGCAAGGAGAGCGGAAACAACAAAAGCTGGGAGGTAAAGTTCGTTGTG  
GTGGCCGTCTTCTTTGTGTGCTTTGTCTCCATTTTCATTTTGCCAGAGTGCCATATACACAGGCCAGACCA  
ACAGCAGGACTGATTGCGGGGTGCAAAACACCTGTTTATTGCTAAGGAAACAACCTCTTTTTTGGCAGC  
AACTAACATTTGTATGGACCCCTTCATATATATATTTCTTATGTAAAAAATTCACAGAAAGGCTACCATGC  
ATGAGAGGCAGAAAGATGGCAACATCAACCCAAGAAATCACACCATCCAGATTGACAATAACATAACCC  
TAGGCTGATAACTTTATTATGGTTAGCTTCTATTTATCAACAAGACTTTAAGAGACAATTTATTGGAAAT  
AAAATTTAAGCAAGAAA

>GBEQ0380 |Acc|CD536079|Ver|CD536079.1 GI:31578494|LeukoN6\_3\_H09.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H09\_A028 3', mRNA sequence.:Start:1:Stop:588  
GAAAATGTATAGATTGGGGTTTAGCTGCTGCTTTTGCCTTTCTTAAATAATTATTTTTTGAATGTAAC  
CCCTGTTCTGTCTTCATTGACAGGATTGCTTGTGTTGTGAAACACTAACACAAGAGCTTCCAGTACCTG  
GGCTGTGCCTAGGTGATGCTATCTCTTACATCCCTGCCTTCTTTATCCCAAATCCCACTCAGCATAT  
CTTCAGACCCAGTTTGTGAGACCAACTTGAATAATTTTAGTTCGGTAAATTATTACTTCCGTGGTTGGTT  
CCCTTTCTAGTAACCTCTGATAATCAACAGATTGAAAAAATTTCTCTGCAATGGCAGTGGGAGCAAATCC  
TTTGTGTTGGTTTTCGCTACATGCCTTTCTAGACCAATAATTCGCCTTTTATACATCTGTAAATAAATGG  
AATGTTTTTAAGAAATAAATATGTGAGATTGCTTTTTCTTTATATATTAATAATATATCTTTCTCTT  
TTCTGCTTTTGAACCAAGCACTATTTTGTAGAAACCTAAGAACAGAAAAAGTTTGGCGAGTGGAAGGCA  
GAATGATAAACTTGAAATAAATCAGTT

>GBEQ0381 |Acc|CD536074|Ver|CD536074.1 GI:31578489|LeukoN6\_3\_H05.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H05\_A028 3', mRNA sequence.:Start:1:Stop:623  
ACATGGGGCAGGACTTGGAGATTGAACGGGCCCTTACTCCAGTGCTGTCTCATCATGTGCTGTAAGTAGCAC  
TCTCCCGACTGGCACATGCCAGGGGAAATGTGCGCGACAGCAGTGACCTGTACAGCTTCCAAGTG  
TCGCCTATGCCCTCCACCTCTGAAGCTGCAACAGACGAGGACGAGGAAGGGAAATTAAGTACGACATCA  
TGAAGTTCTTGGAGCAGTCGGGGTGGCAGCCGACAAACGTGGATGGCAAGGGATACCTGCTCAATGAACC  
TGGGGCCAGCCCCCTCTGTCTATGGAGACTTCAGCTGCAAGGAGGAGACAGAAGTCGACAGCCATGGG  
GGGTATATTGGGCTGATATCTTCAGATCTGAAGAACATGGACACCAGCTGGCTGGACAGCCTGTTGACCC  
CAGTCAGGCTGCCCTCCATCCAGGCCATTCTTGTGCTCCATAGCTGGGCCCCCTGGCCCCCTTTTACTCC  
CCTAGGTGAGCAGGACAGTGCCTCAGAAAAGCACAGCACCAGCCCCAGGGCTGGCTCTGCACTAAGTC  
ATGTGTGATCACATATGTACATGTCTGTAATTTGTCTTTTTATAAAAAGTTAAT

>GBEQ0382 |Acc|CD536073|Ver|CD536073.1 GI:31578488|LeukoN6\_3\_B04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B04\_A028 3', mRNA sequence.:Start:1:Stop:600  
GGAAGTGGAGCACTGATGATGTGACATCAATGACATTTCCNTGCAGGATTACATCGCGGTGAAGGAGAA  
GTATGCTAAGTACCTGCCCCACAGCGCAGGGCGCTATGCTGCCAAGCGCTTCCGCAAGGCGCAGTGCCCC  
ATTGTGGAGCGCTCACCACCTCCATGATGATGCACGGCCGTAACAATGGCAAGAAGCTCATGACCGTGC  
GCATCGTCAAGCATGCCTTTGAGATCATTCACCTGCTCACCAGCGGAGAACCCCTGCAGGTCTGGTGAA  
TGCCATCATCAACAGTGGTCCCCGGAGGACTCGACCCGCAATTGGGCGAGCCGGAACAGTGAGGCGGCAG  
GCTGTGGATGTGTCCCGCTGCGCCGTGTGAATCAGGCTATCTGGCTGCTGTGCACAGGTGCCCGTGAGG  
CTGCCTTCAGGAACATCAAGACCATCGCCGAGTGCTTGGCAGATAAGCTCATCAATGCGGCCAAGGGCTC

CTCCAACTCCTATGCTATCAAGAAGAAGGACGAACTGGAACGTGTGGCCAAGTCGAACCGTTGATTGCCC  
GACCACAGCCCCAATAAACCTGTTCCCTTTTGGGGCAGCC  
>GBEQ0383 |Acc|CD535986|Ver|CD535986.1 GI:31578401|LeukoN6\_2\_B07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B07\_A028 3', mRNA  
sequence.:Start:1:Stop:384  
TCCACACGCAAATTTCCAAGTATTTTTTTGAGCGAGGGGATGCTGTGACCAAAGCAGCCAAGCAGCCCCA  
CGTGGGTGATTATCGGCAGCTGGTGCACGAGCTGGATGAGGCAGAGTACCGGGACATCCGGCTGATGGTC  
ATGGAGATCCGCAATGCTTATGCTGTGTTATATGACATCATCCTGAAGAACTTTGAGAAGCTCAAGAAGC  
CCAGGGGAGAAACAAAAGGAATGATTTATTGAGAGCCTCCTTTTCAATTTTGCATGGCTCCAGAAGAGACC  
TTTCCCCCATTTACAGGGGACTCCAGACCTTCCCCCCTTTTGCCTGTTGGGGGTTTTCCCTCACCTTG  
CCTCGCAGGCCACAATAAATATCATCATCCCGTT  
>GBEQ0384 |Acc|CD535985|Ver|CD535985.1 GI:31578400|LeukoN6\_2\_C09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C09\_A028 3', mRNA  
sequence.:Start:1:Stop:645  
ATTTTGACTGCAGAGCTATGTCCATTGGAGCCCGTTCTCAATCAGCTCGTACTTACTTGGAGAGACATAT  
GTCTGAGTTTATGGAGTGCAATTTGGATGAATTGGTTAAGCATGGTCTGCGTGCCTTACGAGAGACACTT  
CCTGCAGAACAGGACCTAACTACAAAGAATGTTTCCATTGGAATTGTTGGTAAAGACTTGGAGTTTACAA  
TTTATGATGATGATGTGTCTCCATTCTCTGGAAGGTCTTGAAGAAAGACCACAGAGAAAGACACAGCC  
TGCTCAACCTGCTGATGAACCTGCAGAAAAGGCTGATGAACCAATGGAACATTAAGTGATAAACCCTCC  
ATATGTGTATTATCAAATCTGTAAGAATGCAGGAACATGTACTGATGACAATAATCTATACTTTGAAACA  
AAAGATGCAGACTGGTGAATGGTATGTTTTAGGAATCAGTCCAGATGTGAGTTTTTTTCCAAGCAACTTC  
AATGAAACCACATAATGGGATGCATTTTTCTTTGAAAGGGTCTATATAATCATTTTCTAGGACGTATAGT  
TATCTGTACTAATGTTTTTATATGAAGAACATAGTGTCTTTGTGGTTTTTAAAGACAACCTGTGAAATAAAA  
TTGTTTTACCTGCTG  
>GBEQ0385 |Acc|CD535971|Ver|CD535971.1 GI:31578386|LeukoN6\_2\_F10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F10\_A028 3', mRNA  
sequence.:Start:1:Stop:618  
GGCCAGCCCAACAGGCCGCTGGCTCCAGGCCCGGATTGAGCTGGGGTCTCCAGATGAGGACCCCGAGCGG  
CAGGAGGATGAACAGGATGTGGAAGATGACTACTATGACATGGAAGGTGGCCGGGAGGAGTTGAATCCC  
GGGAAGAGGGGCGACCATGTGGAGAGGCCAGCCAGCCACAGCAGGGGCCAGGGCCGGCAGAAGAAGCACACA  
CGATGGTGACGCCAGTGATGCTGATGATGCCGAAGGGGCCCTGGCCCTCAGCTGCCAGGGGCCGGCGGGC  
TCAGGGGGCAGCGCGGAGGCTCTGCTGAGTGACCTGCATGCCTTTGCTGGCAGTGCGGCCCTGGGACGACA  
CGCCAGGCCAGCGGGGGGCCAGGAGCTGCATGTCACTGCATGTAGGGGCCAGCCCTGGGGTTCGCATCC  
CTGTCACTGTGCATGCTTCCCAAGCTGCTGTGGCTGGACACAGCCTGCCCTGGAGCCCCACATGGAAA  
GCCTCAGACTGTCACTCCCTCGACTAGTTTCAGTCCCCCAGTCTGTGCATCCCCACCCCTCCAGAAGGCC  
ACCATCCCGTGCCACCCAGGGCACTGGGCAGCCATCTGAAATAAAACCCCTACAGCC  
>GBEQ0386 |Acc|CD535963|Ver|CD535963.1 GI:31578378|LeukoN6\_2\_C11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C11\_A028 3', mRNA  
sequence.:Start:1:Stop:545  
GCCTTGCTCAGCCGGCTCATTGGCACCCGGGGCTCGGCCAGCTGGAGGCCAAGGTGCGAGGGCTGGAGC  
GCCAGGTGGAGGAGCTGCGCTGGCGGCAGAGGCCAGCGGCCAAGGGGCCCTCGGAGCGTGGAGGAGGAGTG  
AGAAGGCGAAGGGACGCCAGCCACCTTCGTTGTACCAAAGAGCTGCCCGCTTCAGGGTCACAGAGCCCT  
CCTCCCCCTTTCTTGCCCTGTCCCTGAATCTTGAGAACCTTTATCTCTGCCCCAGACTCCCTAACTGAGA  
GGGAGGAAGACCAGCCCCCTGCTGGTCTCTGTCTGGGGTTGGTCTCTTAACCCCTTTCTCTGTGGCT  
GACCCCTCTCCATCAGGACTCTCATTCTTCCCTTTAAGATCTGGTGGAGGTGGGTGTCTCTCTGTGCCAG  
GCCCCAGCACAGGATGTGAAGAAGAAATAAATGCCTAGTTCTTAACTGTTGAGTTTGATGTGGAATCACG  
GCTGCAGTGATATATATTTTTATCAGCGCTTGATGATTTTTAAATAAAATGCACGC  
>GBEQ0387 |Acc|CD535952|Ver|CD535952.1 GI:31578367|LeukoN6\_2\_H06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H06\_A028 3', mRNA  
sequence.:Start:1:Stop:654  
AAGTTACAGAAGATCTTAAATTGTATCAAGACCCGGAGACAAACTTCCAGCTAGGTCCAAATTTGAACTG  
GCCAACCAGTTTTTTAAACATTTGGACTAGAAGAGAACTTATTGAAACATTAATAAATATGTGTCTGTT  
CCAGCAATAGGAGCTTTTTGTCCCCTAGTTTTCTTGTGATGACTACCATGGGAGGTGACTGGCTCAGCT  
GGCCTGCTTCTGCCCAGGAGGAGGAGGCCGCGAGGAGCATCTGATGAGGTTCCACAGCTCTGCTGCCCT  
ATCCTCATCCTGAAAGCAGGGCAGTGTTACCTGAACAACGCCTGCCCTCTGATTACCGTGTGAGGATGA  
AGTTCCGACCTCCACAAGCTGGCCTCGAGCATGGATTAGCAGTTTCTGGGAGGTGCTTTGAGTGTGAG  
ATGTGCAGGCATCCTTCCTGCTGCCCGGGGAAGCTGCTCTTGATGGAAGCCAGGTTCTCCTTCCCGACT



CAGGAGTGGGTTGGGGTCTTCAGTCGGCTCTCACTGGCAGCTCTGGCTTTAATGTTCTGTCTGCAGAGTG  
CAGGCGGTTTTGCAAGGAACAGGGGCCCTGACTCCCCTTCCTTAACCTTGTGTCTTCGTGCACTCCTGCTG  
AAAGATGTTAATCTGAATAAATGT  
>GBEQ0388 |Acc|CD535948|Ver|CD535948.1 GI:31578363|LeukoN6\_2\_H02.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H02\_A028 3', mRNA  
sequence.:Start:1:Stop:698  
ATGGATGTAGTTCCTGAGTCCAGAAGCTGGAGTTGTCCACAAGAGCTGGAACCAGGGTGGGGGCTACCT  
GGTGGGAGCTAGGACCACCAAGAGTTGTAGCAAATGGAGCCATGGCAGGCACAAATCCCCTGCCTGAGA  
TGAGGCAATGCCGGTGAGTCAGACGTGGAGAAGGACCCCTCCTCTTCACCTCTCCTCCTGCCCTCGAGTCT  
TCCTCCAGCACCAAAACCGTTCCAGCCCTACCAGGAAGCCAGTGGCAAGGGCCCTGGGAAATGTGATTTCC  
TGCAATACAGAGGAGAGCAAGGGATAACGACACAGGGGAAGAATAAGAAACGGATATAAGCCTAGCCCTT  
AATGTGAATATAAGTGATCATATTCCTTGATGTTTCAGCAATGCCTCCATTCAATCATTATTCTCGAGT  
TGTCAGATAATCTGTGTATTGCCACTCTGTGCAAAATAATCTGTTGTAGCTTTCAAATATACCTGGAAC  
TTTTAGATTATTCCAAGCCTTTTTCTGAGTAAATTTTTTGTGCTCTAATCTCTAAGTGGGGTAAAT  
TCATGGTAAAGATTTTTGCACTTTGTTTCAAGGTGATGTTGTTTTTTGAATTCCTTGATAAATTACTGTT  
TTATTCTGCCTAATAACTGGTTAACAACAAATGTTTATATTATTGATTAAACCTGGTGGCTAAAT  
>GBEQ0389 |Acc|CD535947|Ver|CD535947.1 GI:31578362|LeukoN6\_2\_D12.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_D12\_A028 3', mRNA  
sequence.:Start:1:Stop:584  
ATATGCAATGTCACTTACAACATTAATCAGATACTGCATTTAAGATCTCGATGTGGAGGAGATGGAGGAC  
TCAGAACCAAGGATTTCCAAGTGATTTCTTCCAAAGCACGAGAACTAACTCTGTTAAGGCTGGTCTGTT  
CTAACTGAGATGACAGTCATGTCCCTTTCTAGGGACCTCAAGGATGACTTTCACAGTGACACAGTGCTCT  
CCATCTTAAATGAGCAGCGCATTCGGGGCATTTTATGTGATGTCACTATCATTGTGGAAGACACCAAAT  
TAAAGCCACAGCAATGTCTGGCTGCTTCCAGCCTTTATTTCAAAAATATCTTTTGGAGCCACACAATC  
TGTATTTCCAGCCACGTCTGGAGCTGGATGATCTCAAAGCTGAAGTGTTCACAGAAATCCTTAATTATA  
TCTACAGCTCCACAGTCGTGCTCAAGAGACAGGAAACAGTCACTGACCTTGCAGCTGCAGGGAAAAGCT  
GGGAATATCCTTCTGGAAGATCTTACCGATCGCAACTTCTCAAATTCCTCAGGTCCCTACGTCTTCTGC  
ATTACTGAGAAGGGAGTGGTAAAG  
>GBEQ0390 |Acc|CD535946|Ver|CD535946.1 GI:31578361|LeukoN6\_2\_C03.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C03\_A028 3', mRNA  
sequence.:Start:1:Stop:709  
GCCAGGAAACAAAGCTTAGCAGGAGAGGAGAGCCAGAGAAGTGACAGGGAAGCTACAGGTTACAACAGAT  
TTGTGAACCTCAGCCAAGCACAGTGGTGGCAGGGCCTAGCTGTACAAAGAAGACATGTTTTAGACAATAC  
TCATGTGTATGGGCAAAAACCTCCAGGACTGTATTTGTGACTAATTGTATAACAGGTTATTTTAGTTTCT  
GTTCTGTGGAAAGCTGTAAAGCATTCCAACAAGGGTTTTAATGTAGATTTTTTTTTTTTCTGCACCA  
TGCTGTTGATTGCTAAATGTAATAGTCTGATCATGACGCTGAATAAATGTGTCTTTTTTAAATGTGCTGT  
GTAAAGTTAGTCTACTCTGAAGCCATCTTGGTAAACTATCCCAACAGTGTGAAGTTAGAATTCCTTCAGG  
GTGATGCCAGGTTCCATCCGAAATTTATTTATAACCTGCTTGGGCACAGAAGCCATTGTCTTCAGAAACC  
TTGGTGTAGTTGAAGTGAAGTTACTGTGTTGTGACCTGGAGTTCAGTGTAAAAGGGTCACCAAGCAA  
AGTCATGGAGTTCATTTGGTTATTAATATGATTGTTGGCACATCCTATGCAATATATCTAAATTGAATTA  
TGGTATCAGATAAAGTTATAGATGGGAATGAAGCTTGTGTATCATCCATTATCATGTGTAATCAATAAAC  
GATTTAATA  
>GBEQ0391 |Acc|CD535944|Ver|CD535944.1 GI:31578359|LeukoN6\_2\_F09.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F09\_A028 3', mRNA  
sequence.:Start:1:Stop:474  
GCGGCATATGGAGTTTCAGGAGGCTCAGAGCAATGGAGTCCAGACCCGCGGCCGACACTGCCCTCTTACAG  
CCCCCTGGAGACTTTCAGGAGCAGCAGTCTTAGGAGGAACCTGTCCGAGTCCGATGATGACTACGACGACG  
TGGACATCCCCACCCCTGCAGAGGACATCCCTCCTCCCTGCCCCCAAGCCCAAGTTCCGTTCTCCATC  
GGACGACGGTCCCGGGGGCACTGCGGACGAGGGGACAGTGAAGCTGCGGTGCTTGTGCGGTGTGCCAGT  
GGGCTCCCCACGCAACCCCAATTTGGGGCCTCCCCAGCCACCCGACGTCCCACTAACAGCCCAAT  
CAGAACCTCCTCTGGAACCCGCCCCCGGGAGCTGACCACTGCCTGCACCTCCCTCCCAAGGGAC  
ACAATTTACTGGTCTGACATGCCCTGTCTCCAATAAACATGATTACGCTC  
>GBEQ0392 |Acc|CD535939|Ver|CD535939.1 GI:31578354|LeukoN6\_2\_H09.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H09\_A028 3', mRNA  
sequence.:Start:1:Stop:645  
AGTTGGTTTTACTTTATAAAATGAAATTTTAATGTTTCATATTGTGTTTATGTTTGTATAGATTTCAAAA  
TCATGTTAATTTGTGGCACTTATTACTATGTTAGTAAGGTTTAAATGCACATTTATCAATGAGATAGGTT

TATCTAAGCTATTGTGTTTATAGAATCTTGTTAAGGAAGAGCATCCAGAAATTTTAGTAGGAAGGTATAA  
ACGGAAGAAGGGGGAAGATATTGTGAATAGGCCCTCCAACCTTACTTTAAAAAGAAAAAAGGAAAACCT  
TTGCCAGATTTAAGGACATTGTTTTAATTCCTTAAGTATTTTAAATACCTTTCCAAATAAAGTTCTTGA  
AAAGTACCCAGTGTGTTGAATTTAATGTTTCATGCTATTACTGATTCTTGATATCAAGCATGTAGAAG  
TTAGCATATTTGTTTTCTTTTTTTCATCGTTAACATTTCAATTTGAAATGCATATCCTTTCTGAAATACT  
TTATTTTTAGCATAAATGTTGTGCATTTATCTTAGTGTTGGATGAAAACATTTGTGTTATTTAGCTTT  
CTTTCATTTGCTTTGTATATTTAATAATGTACCTTTTATTTTCCGGTATGCCTACTTTTGTATTGTACAA  
TAAATTTATTTTAAAG

>GBEQ0393 |Acc|CD535933|Ver|CD535933.1 GI:31578348|LeukoN6\_2\_H05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H05\_A028 3', mRNA  
sequence.:Start:1:Stop:604

TCAGTGTGGGGCCCATGACCCCCAGTCACAAGTGGATTTTCAGATGCTATGGCTATTACAGGAACCTCCCC  
CGAGTGGTGGTCACACCCAGTGACCTGTGGAGCTCCTGGTCTCAGGTCTTGAAAGCTACCAGAAAGTT  
CTGATTGGGTGTGTCAGTAGCCTGTGTATGCTGCTTTCTCTCCTCCTCTTCCCCCTCGTCAGAGAGATTG  
CTGGACACGAAGGACAGACAAGAGGAAGGGGACAGTCAGGCTGCTGCATCAGAAGACTCCCAGGATGTGA  
CCTACGCCCAGCTGAACAGTTTGAATCTTGGACAGGAGTCAACCACACCTCCTTCTCCCAATCAGAGTG  
TCCCCCAGCAGAGCCAGTGTGTACGACGCTCTGGCCGTCCTAGCCCCAGGAAGGACCCAGACACCAT  
CCTCCAAGGAGGAGACTGCGGGGGCCCCAAAAGGCAGTGAGGCTGCCCCCATGGACACTAAGCTAATGA  
ACTGGAGCCTGGGGACCTTTTGTAAAGCAAGAAGGAGATCCTTGGAGCTTTAGAAGTCACCAAATTTCTGTAG  
ATGAATATAAATATTAGCTCTCTATTTTGTAGAAATAAAGCAATA

>GBEQ0394 |Acc|CD535932|Ver|CD535932.1 GI:31578347|LeukoN6\_2\_C06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_C06\_A028 3', mRNA  
sequence.:Start:1:Stop:699

CCTTAAGAGAGAGACATTGGCCATGACAGTGGGGAGTGGGGTGAATTATCCCATTCTAATTAAGAAAGAG  
CTTTCCCAAAATAGTCTCTAATTTCCAGTTTTTGTAAAAGAGTTTCGTTTTTGGAGTAAAAAGTATTTTC  
ATATCTGTTTGGGGGAAGTTAACGCATCAGGAAAGAATATTATTAGGTGTTTAAACCCTGAAACAAACAT  
ATACTGATGCATAAATAGTAGATCACCGAACTAAGTCTGCTGAAATCTTTGGTTTGTCTCTGTGAGACC  
AGTGCTTGACATCGTCTGTTCTCCTGAGCCAGTTGGTGGCTCCAGTTTGCTTTTCTCTCGGTCTCGTG  
GTAGCAGCCTTGCTCGTTTTCTGTTGGAGGTTGGAGAGGAGCTGAGGAGAAAGTGCCTTTCGGGGTTTTGA  
TTCCTCTGCTAGGACGCTGCCTAAACCAGCTCATCTCAATGTCTGTTGACTTTATTATTATTCGGGGTA  
GTTGAAAGAAAAGAAAATGGATGGACGTCATTAACACAGCTCAAAAATATATTCTTGTCAGTAAAGATT  
TCTTGTTGAGATGTCTTGATTGCACTTTCGTGGAGGGAAAACAGTGTAATAGTTAAAGAATGTTGATA  
AAATTGAAACATTTGGTTATGGAATTGTGTGTTGTTAGAGGTTTCTGTTTGTGAAATGTCTGTATT

>GBEQ0395 |Acc|CD535927|Ver|CD535927.1 GI:31578342|LeukoN6\_2\_F08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F08\_A028 3', mRNA  
sequence.:Start:1:Stop:720

TTCATCCCTATGTGGAACCGGTGGCAAGTGGGAGAAACCATCAGAAATTTTGGAAATCAAGGGACAGAA  
TTGGGAAGAACAAAGTGAATAGTCTGCCGTAAGTTTTAGAAAAGCTGGGTTTTGTTATCGAAGCTTTCACC  
AGACTGCCATACCTGTGCGAAGGCGACATGTATAACGACTACTACGTTCTGGACGACGCTGTCTTTGTTT  
TCAAACAGTATAAACACGTGGAGGCCGAAGTCTTCAGAGTCCACCCCAAGAATGTACACTCCAGAGGAG  
GGGCTGCATTTGTGATTATGTGAAGGGAGACCTTTGGGGACTGCCGTTCTAAATATCATGTAGGAATTT  
AAAAAGCCAAAATACTAATTATTTCTTTGTAGTTTGTAAAAGGAGTGTTTTTAAAAAAGAAAAACCAAC  
TCTTTGAGGATTTTATCAACTCTTGACTCAGTAATGCAGGTCACACTCCAATTAAGGAAGATATTTTTT  
ATACTTCATTGCAGTAGGAACCTCATTTCCAGTCAAAGCAATAGTCTGACTTCACGTGGAACCGATAGAT  
ATGGATTGTTTTTAATAAAATGAAGACTGGCAATAAAGTTGTCCATTGCTTGCAATATTGGTTATAAAA  
GTATAGCCACTGATACTCTTTCATGTTTAGAAATCTTTTTGTTCATTATTCAAGAAAATGTTTTTAATCA  
TGCTAATAAACCTTTTGGAG

>GBEQ0396 |Acc|CD535885|Ver|CD535885.1 GI:31578300|LeukoN5\_5\_B11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_B11\_A027 3', mRNA  
sequence.:Start:1:Stop:538

GCCCAGGGCCTGCCCTCCCTGGTTTCAGTGCCCTCATGGTACCCCCACCGCCACCCCTTAACCTTATCTCC  
TGAGAGTTGTTACTACTTTGAACATCCTCTGCCCTGAAGAACTTCCCTGTCCAGTTTCTTTCTTAACCT  
CAAAGTGTAAATAGCTAATTTGATAAACTAACCTGTGCTGATATAGTTATGGGAGAGGGCTAGAGGAG  
AACCTCAGGAGACGGGTTCAATTTAACAGGGTCATGTGGCAAGAGCAGCTCTGCCCTTTGCGATGGTTTA  
ATGGAGTCAAGAGGTTCACTCTCCCGCCAGCAGGTCATGTCATTACTCCCTCCTTTGGGCTCCACAG  
CACTTTGTATATACCTCTTACTGTAGCACTTAGCACGTGGTAGCTCCTTAGCTATGTGTTTTTGTATGT  
TTCCCCCTCCAATAGACTGTGAGCTCCTCAAGGACAGGGACTGTGTGTTAGTCACTGATGTATCCCCAGCG

CCTAGCACAGTGCCCTGGCACACAGTAGGTGCTCAATAAATGTTTATTG  
>GBEQ0397 |Acc|CD535878|Ver|CD535878.1 GI:31578293|LeukoN5\_5\_G01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G01\_A027 3', mRNA  
sequence.:Start:1:Stop:433  
GAGGATGCCTGCAGCTGCCAGTTCCTGAGGAGGAGCGGGGGGAGCAGCTGTCAGAGGACAAGGGCCAAC  
TGGGGGACCTGTGGGTGTGAGGCCCTGGCCATCCTCCGTCACTGGACCCCGAGCCAGACCCCTCCCAGGAGC  
CCTCCCAGGGTTGGCCCTCAGGAGCAAGGATTTTGTGCCCTGTTTGGGCCCGGCCCTGTTCCCCACGAT  
GGTGAAGTGGGTGGGGTGGTGATTAGGATTAGTCCCCCGGACCATGCAGAAGAGGCAGCAGCAGTGACC  
GGACACCATGGGGGACACAGACATATCGGTGGCTGCCTTTGTCCCTTGGCAGCCCTGTTGGGGTGGGGTT  
TGTGGGCCCTGTTTTCAGGATGGGAGGCCGTGCCAGCACAGGAGCTGGCTGCAGGCGGCACTCAATAA  
ACACTGTTTCAGTG  
>GBEQ0398 |Acc|CD535874|Ver|CD535874.1 GI:31578289|LeukoN5\_5\_B03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_B03\_A027 3', mRNA  
sequence.:Start:1:Stop:671  
AAAAGTGCAAACTTAGATCTCAATTTCACTATGTCTGTAAACTTAGTTTTTCCAAAATCCCTGGACTCT  
TGAAAATTGGTACAGAAATGGAATTTGCCTTGTGCAACGTACAAGTGCAAAAGATGAGTTAAAAAAT  
TACAAACAGCTTGTATTATATTTTATATTTTGTAAATACTGTATACCATGTATTATGTGTATATTGTTCA  
TACTTGAGAGGTACATTATAGTTTTGTATGAAAGTATGTATTTGCCCTGCCCAAATGGTAGGTGTTTT  
GTATATATACAATGGAGAAATTTTAAGTGTGTGCTAAGGCACACGGAAGACCAATTTATTTGCACAAGGT  
ACTGAGATTTTTTTTCAAGAAACAGCTGTTGAATCTCAAGGTGAAGATCTAAATGTGAACAGTTTACTG  
ATGCACTACTGAAGTTCAATCTGTGGCACAATCATTGTAAACATGGGGTTTTGTCTATGTTTCTCTAAAT  
TGATTTCTGCCTTCTAATCTGTGATTACTGGAAAACCTCTATTTCCCATTTTTTACCAAGCTTAATTTCTGG  
CTTTTGGTTTTATATCCATTATTCAAAATTTAAATATACCTCTAATTTTAAATGCCAACAATAATTTGGTTGTAAT  
CAAATTTTTAAATAATAATAATAATTTGGCCCCCCCCCTTTT  
>GBEQ0399 |Acc|CD535871|Ver|CD535871.1 GI:31578286|LeukoN5\_5\_D12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_D12\_A027 3', mRNA  
sequence.:Start:1:Stop:646  
TATTTCCAATTTCTGCACAGCTGAAATATAATATTGAAGTTGTCTGTGAGTATATTGTAAAGAAAATTTCCA  
GTACCTCTAAGAATGAAGTGCTTATGGTGAACATAGGATCCTTGTCAACAGGAGGAAGAGTTAGTGCAGT  
TAAGGCTGACTTGGGTAAATAGTTCTCACTAACCTGTATGCACAGAAATAGGAGAAAAAATTTGCCCTC  
AGCCGAAGAGTTGAGAAACACTGGCGTTAATTGGTTGGGGTCAGATAAGAAGAGGAGTAACCATCAAGG  
CAACAGTCGATGATGACTGAAGAATATCAGTTAGTAATACATTTGGACGAAGTCAACATTTCTTTTAAACA  
ACGTGAGGGTGTAAATTTTACAGCTCATTATCTTAGCAGAACTACACGGTTATTTCTCATTTTTTGGTG  
ATGAAAATTTTACCTCTATTACTAAATAAATAATAGGGTCTACAGTAACTGTCAAAATCAGCATATTGA  
TGAAATTTAAACCAATTTTAGCAGAAATTTGATCACTAATAACAGTGTCAAATTTGTACATCAGTTGAGG  
TTTGAAATGAAAGTGTCTGTACAACCCTTTGCTGTAGTACCCCCATCACTGAACCTGTTTGAATAAA  
ATATTTCTTCTTATTC  
>GBEQ0400 |Acc|CD535862|Ver|CD535862.1 GI:31578277|LeukoN5\_5\_C02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_C02\_A027 3', mRNA  
sequence.:Start:1:Stop:740  
TAAATCCTAAATAACACTGGCAATTATATTTTAGATTAGTTTTTATTTTTATGGTGGTTTTTACAAAACA  
CTTTCATTGGTAGGAGCCACATTAAACCTAAAAATAAAGTCATTTCTTTTCATATTAGTTTTCTTCTCC  
ATAGGACAAATGGAATTGAATTGTGAGTTTCTCTTTTAAATGATACTAAAAATCCTTTCAATTTCCCATTTA  
CACTTTTTTGTGTTTTTACATGAGGTATTTCTTCAAAAAGCCCCAGTCTCGCCTAGGAAATAAGAAAAGC  
AAGAGTTGATTTTGTCTTATTTGCTAAACAGTTTAGTATTTGTAGCTCTGTTGACTAGAGCATGACTCTAA  
TGAGGACAGCATTTGAGATTTGATCCTAAAAAGACCAGTTAGCTTTTTGTAGGTAACAAACAAAAAACTT  
CCAAAAATTAGATTGTCCAGCCAACTGTCTCCAGCTGTGTGTGTCAGGGGTTACCAGGGGAATGGGCAG  
GAGTGTGTGGAGGAGAGGGGAAAGGGAGCGAATGGTTCTCAGCAAACCATTTACCCTCTAGAAAAAGAA  
ACTTCACATTCTTGTATGAAATTTCACTAATCTTAGACAGTTTGTCTAGAAGTCAGCAGATGTCTTTGAAC  
CATCTTTTAGACTGCATTTGGAGTGGTGAGGCAGCATATGTAATTAAACATAGATTGTTTTTTTTAA  
AAAATCATTAGATACATTTGTGTTCTTAAATAAATTC  
>GBEQ0401 |Acc|CD535861|Ver|CD535861.1 GI:31578276|LeukoN5\_5\_F09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F09\_A027 3', mRNA  
sequence.:Start:1:Stop:604  
TCAGGAAGTTGCTGATCAGTTGGATTGTCAGAGAATTGGAAGGCAGCACCCAGGCAGGCTCAGACTCACTG  
CTGACGGGAATGGCATTCTTCAGGATGAAAGAGTTGTTTTTTGAGGACAGTATTGATGATGCCAAGTACT  
GTGGCGGCTCTATGGCTAGGAACAGGAGTGGCTCAGAAGCAGAATGAGGATGTGGACTCTGCCAGGA

GAAGATGAGCATCCTGGCGATCATCAACAACATGCAGCAGTGATGGCGACAAGGCTCTGTGGGATGGGCC  
CGATCCCAGAGTGGTGCTTATTGTGCTGACTGTGTATATTTATCTTCTCCCAAGAGAAAACGCTTCTT  
TTGAGCAAACGTACCTACCATCTGCATTGAGCAGAAAGACTTTTGTCTTACTGAAGACAAAAGATGTCT  
TTATTTTAGATCCAGAAGAGGGGAGTTTGTCTGAATTTGTAAACAAGTCTTCCCTATTCCTCATCCCCA  
AGCCTCTCCTCCTCAGTTGCCTCCTTCCCTGCCACCAGCATCCAGGGCGCATTGACATCTTTTAAATAT  
CCAGGACCAGTGAGAAACAACTAGTAAATGTATATAACTCTT  
>GBEQ0402 |Acc|CD535856|Ver|CD535856.1 GI:31578271|LeukoN5\_5\_E10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E10\_A027 3', mRNA  
sequence.:Start:1:Stop:702  
ACAACCAGGACTTGGGTCAAGATGGATCAGAGGAGAATTTTATTATGTAAAAGAGAGGGTCTCCTCCCTT  
GATGCTGGGCAATGCATTTCAGTATATTTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAAAAAGTTT  
TATAGAAATTTTAAACTTTTGAAGAAAGAGTTTAAAGTTTATCACCTTTTTTCTCATGAATTCCTAAA  
GTCTACTTTTATCTACCTATTGTCTCTGGAAATACCTGCATTTCTTTGTATCACATTCACCAACATCA  
CTATGATTTAACTAGACTCCTCATGTCTATTAATTTTAAAGAAATAAATTATACTGTTGTGTAAGAAA  
ATTTCAGTTTGAGAAAGAAATTTGACAGGAAGGGTTGATACCAAGTCTTCAGGAACCTGACTGTTGTGAA  
TTATAGATATACCCCTTTGTTATGACAAAACCGGGTGAACACACAGTGAGTTTCAGAGTGGGTATTTGA  
CATGTTTTGCTGTGTGAAGTGCCTGCTCTAATGTTACCATTGATGTGTTTGCAGAGCTAGTAGACACCG  
TGTGTTTAGAAGTGTGATTGCTGTTATTAGAACTTAAGACCCAAATGAAAGCACATTTGTCTCTCAGGA  
CTTCACACCCTTTACCTTTTTCTGTATATCTGTGTATTTCAAATGTTACTCTATTAAAGCAGAAGT  
AT  
>GBEQ0403 |Acc|CD535855|Ver|CD535855.1 GI:31578270|LeukoN5\_5\_F07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F07\_A027 3', mRNA  
sequence.:Start:1:Stop:301  
ACGGGGGGTCTGGAACATGAGCATGCTGCAACCGAGGACATCGTTAAGTCCGCCCAGGCCGCGATGGA  
GAAGAAGGAAGTGAAGAAATACACTTTTCCAAATTTTGGGGCCCCCGGGTCCCCACCCTGGCCCCGGG  
TTTGGCCTTGTTCCGCCCTCGTCCCGTGTTTCCCTCCCTGCAGAACGGGAGGATGGGTGAAGATGGTCAC  
CTGGCCGCTTTTACCCAGCCTCCCCGTTTATAACTTTATGACACTGACTTCCTCATCTTATCTTTGCC  
TTACTAGCAATAAAGGGAAGT  
>GBEQ0404 |Acc|CD535852|Ver|CD535852.1 GI:31578267|LeukoN5\_5\_E04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E04\_A027 3', mRNA  
sequence.:Start:1:Stop:489  
CTGTTTACTTTTCATAGGACGTTTGATGTGTTTCAGATAGGAAGGCCCTGAGAGGTACTGATGCTTTCTGC  
CTCCGCGCAGACGCTCTGGGTTCTCTGCAGGAACGAGAGGAAGCAGCTATCTTGTGCCCCCTCTCCAGTG  
ACCTCTCCATGTTTCCACCCCAACACTAAGGCTGCCCTGTCTGTCAAAGGAAGTCTCCTGTCTCTGCC  
TCCTTGATGACAGCCCCCTCCCCAGCTCTTCTCTGTGCACATGCGCACACACAGGAGAAGCCAGGCAG  
ATGGCAATCCAGTTTCTCTTTTGTAGGGGAAAAAATGGGAAAAACAGATTTTTTTTAAAGTCCACCTG  
ACCCAATCTATTTAATATGCCTCTCCACATATCACCACCCAGCCTGATATTTCTCCCTCAGGAATCCTC  
TGAAGTGGTTAAGTTGTAGCCCTCAAATTTGCAACGTGATTTTTTCTAGGAGAGTAAAGTAATCTTTAC  
>GBEQ0405 |Acc|CD535851|Ver|CD535851.1 GI:31578266|LeukoN5\_5\_F06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_F06\_A027 3', mRNA  
sequence.:Start:1:Stop:635  
CATGAACTGGAATAAGCCTTTGAAAAGAAATTTGTCCTTGAAGCTTGTATCTGATATCAGCACTGGATT  
GTAGAACTTGTTGCTGATTTGACCTTGTAAGTTCGAGTTAACTGTTACATTGGTGTATGTTTAAATACCTGT  
GCATATCTTTGATTTAAGCCCCAGCACACGCGCTCGGCCACTTGGTGGCTGAGGTGAGAACATATCCG  
TGGAAGAGAAGTCCATTGGCTTGAGGAGAATCTGAGAGACCAAGAGTTTCTTGATCTGTGCAGGGTATTA  
ACGTGTGAGAGCTGTCTGTTCCAGGATTTCTCTGGAGGCTGGCAAGAGTCTTGAGCAGTTGTCATTTCTG  
TCTTGCCGCTCTGACGGGTTGGGAAGGGCCGAGCCTTAGGACCCACTTTCTTTCTCCCCGATGTTTT  
CCCCCAGAACACCGTGGGTGGTTACTTGCCTTGAGTTGGGAAACGGTTTGCATTTATACCTGTAAATTT  
ATTCACCTTTTAAATTTATGTAAGGTTTTTGTACGCAATTCCTCAATTCCTTAAGAGATGACAACAAATTT  
TGGTTTTCTACTGTTACGTGAGAACATTAGGCCCCAGCAACGCGTCATTGTGTGAGGAAATAAAGTGCTG  
CAGTC  
>GBEQ0406 |Acc|CD535844|Ver|CD535844.1 GI:31578259|LeukoN5\_5\_G12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G12\_A027 3', mRNA  
sequence.:Start:1:Stop:609  
ACCAAGATGAAGAGGTCAATAAGTAAACTCCAATTTGGCCCAGCTTAATAGTGAGGACTCTCAGTCTGT  
TTCTGATTCCTTTATTACCCTGATTCATTTTCAGTGTCAAACAAAACCGTTGCCCTCTTCATTCCCT  
GGTAAAAGATCAGGAGCAGAGCCGCTGCCCTGTGTGTTCTCTAAGACGCTTCAGGCTGAGGTCCCTT

TGTCAGACTGTGTCCAAAAAGCAAGTAAACCCACTTCAAGCACACAAATCATGGTGAAGGCCAACATGTA  
TCATAACGAAAAGGTGAACCTTTCATTTTGAATGTAAAGACTATGTAAAAAGGCAAAAGTAAAGATCAAC  
CCAGTGCAGCAGAGCCGGCCCTTGTGTAGCCAGGTGCACGCAGATGCGGCAAAAGGAGAACACCTGCTACT  
GTGGGGCGGTAGCCAAGAGACCAGAGAAAAAAGGGACGGAGCCTCTTCAGGGTCATGCCACTCCAGCTTT  
GCCTTTTAAAGAAACCCAGGAGCTCTTACTCAGTCCCTGCCCCAGGAGGGTCTGTTGGGCAATTGCAGCA  
GGAGGGAGTAGCAGCCTTTCTGCCAGCACATCGGTCTCAGATTCATCCC  
>GBEQ0407 |Acc|CD535842|Ver|CD535842.1 GI:31578257|LeukoN5\_5\_A12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_A12\_A027 3', mRNA  
sequence.:Start:1:Stop:573  
ACAAGTATAATTTTCTCACACGCAGTTACTGGCCAGACAATTGAAGGCATTACGCTAGAAGAGTTTGA  
CAGATTATCTTTCAATATGATTTTAAATGAGCCCGCCCTGTGAGCCATTACACAAGAATTGGCCTGCAAGGT  
GATGTGACTGACCCAAGGACGAATAGCTTCTTATATATTCTAAATATTCTCCAAGGTGAAAACCTTAGAT  
TCCTGTACAAGCTTACCTAAAAATTTAAACCTTTGGATCTGGAAGAGTATGATGTTTGTCTATTTATAGAG  
ATTAGCGGTTATGCTGCTGTGTCAGATACTGTGCATGTCTTGTATCATATTCTGTCTGCTGACTAACAG  
AGTAAGTCAAATTTGCCAGTTTCACTGGTTGCCACTACAGTGAATTAATCTCTGCTCAGAGTGTTA  
ATGTAAATGATGCTAATGATGGTGGGTGCTGTGCCATGGCCTGGAAATTTGTGCCACCCCTGGAAGCTG  
CCATTCTGTGTAATAGCAGCCCTTTGAGCTGTGCAGTTCAGAGGCTCTGTGTGAACCTTTGTTTGA  
TAACTTCAATAG  
>GBEQ0408 |Acc|CD535838|Ver|CD535838.1 GI:31578253|LeukoN5\_5\_G11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_G11\_A027 3', mRNA  
sequence.:Start:1:Stop:590  
GCCAACAACCGCTTTGAGACAGGGAAGAAAACTGCAGTACCTGAGCTTTGGCGACTTTGCCTTCTGTG  
CTGAGCTCATGATCCAGACTGGACCTTCGGAGCCGTCGACTCCAGGTGGATGACATGGACATGGACTT  
AGACAAGGAGTTTCTTCAGGACTTGAAGGAGCTCAAGGTGCTTGTAGCTGACAAGGACCTTCTGGACCTG  
CACAGAGCCTGGTGTGACCGCCCTTCGAGGAAAGCTCGGTGTCTTCTCTGAAATGGAAGCCAACCTTCA  
AGAACCTGTCCCGGGGGCTGGTGAATGTGCCACCAAGCTGACTCAATAAAGGACGTGAGAGACCTATT  
TGTGGACCTCGTGGAAAGTTCGTGGAAACCTGCGCTCTGACCACTGGCCATTGAGTGACGTGCGGCTC  
TTCTTGAATCAGTATTCCGGCGTCCGTCCACTCCCTGGATGGCTTCCGGCACCCAGGCCCTCTGGGACCGCT  
ACATGGGCACCCCTCCGTGGCTGCCTCCTGCGCTCTATCATGACTGAGGCCCCCTTCCGCCGAGGGCCC  
ACACTGACAATAAGTTGCCATGACTTTGG  
>GBEQ0409 |Acc|CD535830|Ver|CD535830.1 GI:31578245|LeukoN5\_5\_H12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_H12\_A027 3', mRNA  
sequence.:Start:1:Stop:622  
AGAGTCTACAGGCCATTGAAAAGAACATGGGTTTTTTTTGATTGATAAAAGTGATCACAAATGTTGGCTTC  
AGAGATCAGGGTCACTGTCAACAACCCAGCAAGAGATCATGATTCTGTAGATGATGTCAAAGCATTTT  
CTATATTTTTTCCATCTTAACCTTCATAACATTTTGTGAATAAGACAATTGTTATTTAAATTTCTAGTTG  
TCATTCCAGCAATTGAGGCCTTCATAGTTCAGATGTTATAATATTTACTAGGGATCTTAAACAAATATAT  
AAAAAATTATTGCTCACTCTATAAGCCTCTTATGGCTAACCTCTAGCATAGTTCTGCCACTATATTTTAC  
CTCTTAGCTGTGCAAGCATAGGATCTCATCAGGGCAATGTAGGGAGCTAAATGAATTGATTTAAATGT  
AAAAGCAAATGAAAAGTGCATGTTTATTTTCTGTCTATGAACGTGTATACCCTTACGTATGGAGACCA  
ATAGTCACCTTCAGTGATTATGAAACAGATTAATCCCTAAATAACAGAAAATGTAAAAATCAAATATATG  
CATTTGGTTTAGGAATGTGCTTTTGTACTTCCACTTGAATAAAGGGTGTGTTTGATACTCTG  
>GBEQ0410 |Acc|CD535781|Ver|CD535781.1 GI:31578196|LeukoN5\_8\_B08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_B08\_A027 3', mRNA  
sequence.:Start:1:Stop:474  
AAGCTATATATATTTTGCATTGATAGTAGACAAATCTCCAGGCTTGGTCTGTGTGAGGGGAGGGGACAT  
GAGTTCTAGGGCCCTTCCCCCTTCCCCCTTTTCCCTTATTTTATCTCATCTCTCCACCTTCAACCCCTTGCT  
GTTTATAGTGCTTTTGTGTAGCCAGTGCTCCCTCCCCAGGCTTTATGGAGCTCCCTGCAGCAGCCAGGAG  
CTGGAGGTTCCCTAAGTTTGGTGGGTGCGGAAGTACTGTTTAACTGTCTGTCCCCTTGGCTGGCGTTAT  
TGCTTTTGTAGATGTTATGCTAACAATAAGCAGTACACTGGGGTTTATTTCTGTGGCCTGACAAGGAAG  
GGACATTACCGCGGGTGGGTGTGAACACTGAGTTTCTGGCATGTCCCCCGCAGGAGTACCTGGC  
AGGACCTTGGGGTACTCAGTGGTTTCTTCCCTAATAAAATAAAGACGGGTTGCC  
>GBEQ0411 |Acc|CD535767|Ver|CD535767.1 GI:31578182|LeukoN5\_8\_A11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A11\_A027 3', mRNA  
sequence.:Start:1:Stop:527  
AGACCCCTTTAAATCTCCCTTCTTTTATTTTCCAGAAATGGGGTAATCCCCCTTAAATGAAAGTGG  
AATTTATTAATTTTAAACGCTCTTGTAAATTAATCCAGAAATATAAATAATTGGTCATTTAACTATAT

TTTTTTAAATACCTGAAAGATAAAGACCCACCCCTTTCCCCCTTTATATTTTTTTTACATAGTCGGGA  
ATCATACCCAGTTTTTTTTTTTTTAAAGCCCAATATTGAACCCTTAAAAGGTATTTAAGGGTTTGGTCA  
AGTGAATATGATAAAATGATTTTGTCTGTATAAAGAGAAAATGAAATTGTAGTCCCTGTTATGTACTGCC  
ATTAGTTACACCCTAGTTTAAATTTTTTAAACAATTTTGGTTAGCAAAGCTAAAAAATGGATGTTTCAG  
TTAAATGTTTTAAAGAGGTACAGATTTTCCAAGGCCATAATATAAGTTATTGTTCTGTAGAAATATCCT  
ATTAAATATTGTATGTCCCTCCCTCTGTACCCTTTGT

>GBEQ0412 |Acc|CD535764|Ver|CD535764.1 GI:31578179|LeukoN5\_8\_G01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_G01\_A027 3', mRNA  
sequence.:Start:1:Stop:483

GTTTAGGAGAACGGCAGTCTGTGGCGATGGAAAGAGTTCTAACAGACGGTGGCGCAAAAAAGTCAACTTT  
TCTTCATCGTTTATTGTCCGTAAACGCATCTCCTGAGGATCTAGCTGGGCCTTCTCTCTGGGTTTGGGTT  
ATTTTCAGCTTACATGTGTCTTTCTATTATGTTGTTATCGTGTGGTGGTTTTTCAAACAACCTAGGGAAAC  
AGAAACTCTTACTCTGTAAACAGCAATGAATCTGCCATTACTCAGGGGAGGGACATGGGGTCGTCTTTA  
GCACCCTCTCTCCATGATCTCCACAGTTCCTTGAGCAACCTGCATAACAATGTCTTCCGAGTACAGAC  
AGCATGCAGCTCTTGTCTGTCCCTTAGGGCCATTTAACCAGATAATCAGCTAGGAGCCTTCCATTTTGC  
TCATTCTGACCCAAAATCTTTGCTACTTAAGTTCTGGACTCTGTTTTTCATAATAGGCACAAT

>GBEQ0413 |Acc|CD535759|Ver|CD535759.1 GI:31578174|LeukoN5\_8\_E10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_E10\_A027 3', mRNA  
sequence.:Start:1:Stop:582

GCCAGCTGAACGCAGACCTGCGCAAACTGGCCGTGAACATGGTGCCCTTCCCCCGCCTGCACTTCTTCAT  
GCCCGGCTTCGCCCCGCTGACCAGCCGCGGCAGCCAGCAGTACCGGGCCCTGACGGAGCCCGAGCTCACC  
CAGCAGATGTTTCGACTCCAAGAACATGATGGCCGCTGCGACCCCGCCACGGCCGCTACCTCACCGTGG  
CTGCCATCTTCCGAGGCCGATGTCCATGAAGGAGGTGGACGAGCAGATGCTCAACGTGCAGAACAGAA  
CAGCAGCTACTTCGTGAGTGGATCCCCAACACGTGAAGACGGCCGTGTGCGACATCCCGCCGCGCGGC  
CTCAAGATGTCCGCCACCTTCATCGGCAACAGCAGGCCATCCAGGAGCTGTTCAAGCGCACTCTTAGTG  
AATCTCGTTGCTCCTCAATCAGCATGGTCTTTCTATTGTTATACATATGTTGCTCAGTTTGGCCCTGTC  
AGAAATTCACACTGTTGATGTAATAATGTGGAACCTCTCTAAAAATTATAGTATTGTCTAAGATATCTAT  
ACTAATAAAAAAGCATGTGTCC

>GBEQ0414 |Acc|CD535754|Ver|CD535754.1 GI:31578169|LeukoN5\_8\_D08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_D08\_A027 3', mRNA  
sequence.:Start:1:Stop:573

CAGATCCTGGTGATGCTTGAGACAGTTCTCAGAGTGGAGAGGTCTACGCTTGCCAAGTGGAGCACCCAA  
GCCCGACAAGCCCTGTACAGATGGAATAGAGGGCCCAAGTCTGAATCTGCACAGAGCAAGATGCTGAGTG  
AGTCGGGGGCTTCGTGCTGGTCTGCTTCTTCTTGGGCGGGGCTGTTTCATCCACTGCAGGAACAGAAA  
GGAAACACTGGACTTCAGCCAACAGGACTCTTGAGCTGGAGTAAAGATGGCGACCTTCAAGGAAGAACCT  
TCTGTCCAGCTTCTTTGAGCATGAAAAGATTCTCTGCTTGGTTCTTACTCTGCCGAGAAATGCTTTCTC  
AGGATCTGGTTTGTCTCTGGTTCAGTGACACTGCAGAAAATGCCCTCCCCATGGCTTCTTAGTCCCTGC  
CCTAGGCCTGGAAGTCCCAATATTGATTGCAGTACCTCATCTTCATCTCTCCAGTCTCCATTGTATT  
CAACGCTTATGGTCTCCCTTGAATTTGAACACACCTTCTGCCACATTTCTTTGTAAAGTTTTTCTCAA  
TAAACATGAAGTG

>GBEQ0415 |Acc|CD535752|Ver|CD535752.1 GI:31578167|LeukoN5\_8\_A09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A09\_A027 3', mRNA  
sequence.:Start:1:Stop:540

AAGGATGTGGCATCCACCACATGGTACCTCCAGGTCTATGTTTGTCTAGTTGCTGCAGAGATGGATTG  
GAAGATGGAGGAGAGATGCCCAACAACAAGATCCCAAGTCTAACTAAATACCTCCTGGAATCCTGAGCT  
GTGGAAAGCAGGGGCTCTTCTCTCTACTGGCTGGAGCCAAGGAAGCTGAAAAGGAAGCTCACTTCTTT  
GGAGGCACCTCTCCAGAAATCTGGTCTAGGCAGCTTCAACAACCTTTGAACTTGCTTTTTTGTAGAGATGGAA  
AGTAATTTATTTGTTTTGCTACATATTGTTCCAGATTTTTTTAAAGGGACAATAAAGCAGACTATGGTGG  
GGAGCATGTCAAGTGTGGGCTTGGTTGTTCTAATAGCACATTTCCATGTGTTAAGATATTTACTCACCTC  
TGGATGTGCTTACCCACTCTCTTTTCTTTTAAAGGGCCAATAATGCTCCAAACTTCCGTCTCCTTTAG  
AGAGACATGAACTGTACAGGTGTTGGACAATAAAGGATTATGTTCTT

>GBEQ0416 |Acc|CD535750|Ver|CD535750.1 GI:31578165|LeukoN5\_8\_F04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:604

ACTGCAATGCTGTCCCCAGTGAGCGGCAGTGTGTGGAGACAGTGGTCAACATGGGCTACTCATATGAG  
TGTGTCTGAGAGCCATGAAGAGAAAGGAGAGAAATATTGAACAGATTCTTGACTATCTCTTGCACATG  
GACAGCTCTGTGAGAAGGGCTTTGACCCTATTTTAGTGGAAGAGGCTCTGGAAATGCACCAGTGTTCAGA



GGAAAAGATGATGGAGTTTCTTCAGCTAATGAGCAAATTTAAGGAAATGGGCTTTGAACTGAAAGACATT  
AAGGAAGTTCTGCTATTACACAACAATGACCAGGACAACGCTCTGGGAAGACCTCATGGCTCGGGCTGGAG  
CCAGCTGAGACCAGGCCCTGCCAAGGCCCTGCCACGGAACCAGCCCCACAGGAGGCCCTGAGGAGCCCACC  
TGTGGGGGAGAAGGGGCACTCTTGGGGATTTTCTTTTGGGGGTGGAAGGTCAGGTGGGAGACTCTGCTTG  
CCCCCTCTCCCTGAGCCTAGGCCCTGAGCTGGGGAGCAGAGGGGAAGATCGGGACAAGTGAATGCCCCCAA  
ACTGTCTGGCTCCTCCATATTAAATGTATTTTGAGAAGTGTC

>GBEQ0417 |Acc|CD535746|Ver|CD535746.1 GI:31578161|LeukoN5\_8\_A08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A08\_A027 3', mRNA  
sequence.:Start:1:Stop:598

CCCCTATTCTAATATAACAGTCCAGGGAAGAGTCCCTTAAAGTTTAAATCCTTATGATTCTAGCAGGAGAGAA  
CAGATGGCAGACATGGCCAAAATAAAGCTAACTGTTTGCATTCTGAAGATGAAGTAAATCGCTGGGACT  
CTCAAATGAAACAAGATGCCGGCAGATTTGATGTGAGTTTCCCAAACAGCATAATTAAGAGAGACAGCCT  
TCGAAAGAGGTCCGTACGTGACTTGGAACCTGGTGAGGTGCCTTCTGATTCTGATGAAGATGCCGAACAC  
AAATCCCACTCACCAGGCCCTCTGCATTATATGAAAGTTCTCGATTGTCTTTTATTGAGGACAGAG  
AAGACAACTACGTGAGCGAGATGAAAGACTCTCTAGTTCTTTAGAAAGGAATAAATTTTATCTTTTGC  
ATTGGATAAGACAATCACACCAGACACTAAGGCTTTGCTTGAAAGAGCTAAATCCCTCTCTTCATCTCGA  
GAAGAAAATTGGTCTTTTCTCGATTGGGACTCCCGATTGCTAATTTTCGAAACAACAAAGATAAAGAAA  
AGGTTGACTCTGCTCCAGACCTATTCCATCCTGGTAC

>GBEQ0418 |Acc|CD535693|Ver|CD535693.1 GI:31578108|LeukoN5\_7\_F04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:641

AAGGATCGGGGAACATAAATTTTATGGCTTTAGTTCCCTGTGATCTGTGCATTTATACCTGCCTATGTGC  
CGGCCACATCTGAATGTAGCTGGTGTATGCTGAAGTTATTTGTGTATTTAGCTTCTTTTCTTTCATA  
TTTATAATGTTGTTCTGGCATCATCAGATTGCAGTTTCAATTAGCTTGTGAAATACTACTCATCTTCTGT  
CTTACCAGCAGGCTCTGTATTGTTGATATTTCAACTTGTTTTATTCTTACATTGGCGGAATTGAAGGAA  
TTAGTTTTTAAATTGCATAAAATGTCTGTTTACTAATTGGTGGAAGATAGATGTTTGTATTTAAGCAGTTA  
CATTTGTATTCTAGCTCAATAGAAGAAAGCCGAAGTGTGTATAGCCTGTATTTTTCATTGAGATCATGG  
GCATTACTGTACTTGTCTGGATCTTACCAAGGTCATGTATTCTTCTGCATTGCCAAAGTGTCTGCATACC  
AAATTAAGGGGTTTTTAAATACGCTTCATGGCAGTTGTTTATAAAGGTCAAAGGGGAAAATTTCTTATTT  
ATTAAAGTGGTTTTAAATAAAATAGATTAAATGTCCAAAGAGTTTAAATGGCTATTTAGGAAAAAATATC  
ACTTATAATTT

>GBEQ0419 |Acc|CD535687|Ver|CD535687.1 GI:31578102|LeukoN5\_7\_E09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E09\_A027 3', mRNA  
sequence.:Start:1:Stop:609

GAGCCACATAATGGGAAATGCAAGGAATTCTTCCCAAACACCAGTGGGTAAAGGAGGCGACCGAGGAGG  
ATAAAGACGACGGCCCCATCCAAGAAGAAACCAGAACCCCTTAAGTGTCCCCTGCAGCATGGAAAGCAA  
CAGGCAAGACACTGAAGTCAGAAGGCGGGTCCGCCGGGGGAGGTCTGCCAGGGGGAGCTGTCGCCGCCC  
AAGGAGGAGCAGGACCAGGCGCTGACTCACTGGAAGCCCTTCTGGTCAACATGTGCATGGCCACAGTCC  
TCACGGCCGGCGCGTACCTCTGCTACAGGCAACACATAGGCTGACCCACCTCCACCCTGCTGGCGGCGCA  
GGCTGTGAGCAGTCTGGAGTTGGGCTTGTCTGTCTGTTTCTGAAGTCTGTATATGTATGCAGTAGTTTG  
GGTGTATATACATAGTAGCATTTCAAATGGATATACTGGCTTCACCTCCTATCCTTGGAAAACAGATGG  
CTCTCCATCTTGTTACATGTATGTTAGAGAAGTAGTGAGCTGCTCTGCTATATGCCTTAAGCCGATATTT  
ACTCATCGGGTCATTATTTTACAATGGCCATGGAATAAACCATTTTT

>GBEQ0420 |Acc|CD535686|Ver|CD535686.1 GI:31578101|LeukoN5\_7\_A08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A08\_A027 3', mRNA  
sequence.:Start:1:Stop:623

AGTAACATCAAACAAAATATTTAACTTTTCATTGCATTTAACAGAGGAAAAAACAGGTGAAACCAAAGA  
AAATGTTGAACCTTCAGGAAAGTTCTTCAAAGCAGATATTAAGCCCCAAATTTCTATTTAAATTTAAAAA  
TGATTAAGTGAACCTTGAGATCATTTAACTGTTTCTCAGTAAGCATATTTCTTTCCCATTCGAAAAATTT  
GTTACTGTGATTATTTATTAAGCAATATAAAACCTACATTTATTTTAGGGTGACTCTTCAGGAAAAAT  
TAGTAAAGGGAACACTGATCTGTAAGAAAATTTATTTGTAACAACAAAAAGTTGGCATCAGAAAAAAC  
TCTCAAAGATTGTCTGTGTGGGGCTGGCCCGATGGCGTAGTGGTTAAATTCACGTGCTCCACTTCGGCGG  
CCCCGGTTTCTCTGGTTTGGATCCTGGGTGCAGTCTAGCACCGCTCCTCAAGCCATGCTATGGGAGCGT  
CCCACATAGAAGAACTAGAAGGACGTACAACCTAGGACATACAACATGTAAGTGGGCTTTGGGAGGGGAA  
AAAAAACAGAAAAAGAGGAAAGATTGGCAACAGATGTTAGCTTACGGCCAATTTTCTCACCC

>GBEQ0421 |Acc|CD535685|Ver|CD535685.1 GI:31578100|LeukoN5\_7\_G12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_G12\_A027 3', mRNA

sequence.:Start:1:Stop:585

TAAGAGTGCCCTTATTAAAGTGTAGATTTACTTCTTAAATGTGGATGATAGGAATTTAAAGATTTATATA  
ATGCTTCAAAGCCTTTAGAATACTGTAAGAAAAGGGTTTTTAAAAATTGGGCTTATCTGTATATCTGA  
ACTCTTAGAACCTTCTTATAGCTGAAACACTAGGATTTATCTGCAGGGTTGCAGAGAGAGAATCCTGCCT  
GAAATAGACTCAAACAAAACCAACAAAACAGCCGACGCTGTACACTTGATATTTAAATCTGTTTTCC  
CTCATTCTTTCTCTTTCTCTTGCTGCCACATGGTGCCTTTATTTTTATGAGCTCCAGTTTTATGGGT  
TTAGTCAGAAACAATTGAGTTCTCAACATTGAATTTAGGAAGCTTTTTTCTTAGATAAAAAGTCATATA  
CATTTTTTTAAAAATCTGTTTATCCAGGAAAATATATTGAAATCATGCTGCTGAGCCTCCACTTTCTCTG  
ATGTGTTGGTTCAGTTTTCTTTTATGATAGAACAATAAATAACATTTAAAAATTTACTGATGTATATTTA  
AAGCAAATAAACTGTTTCATTAAT

>GBEQ0422 |Acc|CD535683|Ver|CD535683.1 GI:31578098|LeukoN5\_7\_D06.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_D06\_A027 3', mRNA  
sequence.:Start:1:Stop:559

TAAAAAAGCAAAAAGCCAGGGGAAAAAAGGAGTGACAAAAAGAGATCATAAATAGAATTTCTCTAAGAGGT  
TTGCTCTTAATGTTTTTAAAGGACTGTCGTGAGCCGTTGTCCACCCCCACCCCGTAATAAATTGTAATT  
TTATACTGCTTACTCTAATTTTTTAAAGCTGTAATAACTTTGAGACCACCTCTGACCCGCCACGTTATAA  
CTGTTGTAGAATCTTAAACATTACCAAGATGATTCCCATGAGGGTCTGGAATTTAAATGCGTTGAGTAGTG  
ACTCAATTTGTTTTGTTTCCAACCTGATTTTGCAACTCTTATAATAAAGGTTTTTCCACCTCATTCAATT  
TGTGTAGCAGATGGTACTTCCCAGCCTCTTTCAGTCCCCATTTTGAAATGCCCCCAGTTTCGGGTATTC  
GTGTTTTTCGTACGTGGATACAAACCTATTGGCACGAAGGACCATTTTTTACATAATGTTACATGGATATT  
TGACCCCCCATGAAAATGTTTAGTGCTAATAAGCAAAAATGGAAAGGTTTCCTAATAAATTGTTACATG

>GBEQ0423 |Acc|CD535681|Ver|CD535681.1 GI:31578096|LeukoN5\_7\_A07.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A07\_A027 3', mRNA  
sequence.:Start:1:Stop:240

AAGTGACAGCTTCCCTTTCCTAAAAATGCAAAGTTTGAGTTTCATATAGTGAGAGAACTAAAATAATCAA  
TTGGCCAGTGAGATGTTTTCTCATCTTTCTTGCTCAGCATTTTGAGTTGTTCCATGATCACTTTTGAATAA  
GCAATTTGCTTTTAATTAATTTGGTGCCTGGCTAAAGATTCCCAAATTATAGTTTAAATTTATAATTAA  
TTCTCCCATCTTGCAATAAAGTGCCAGTTG

>GBEQ0424 |Acc|CD535664|Ver|CD535664.1 GI:31578079|LeukoN5\_7\_C01.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_C01\_A027 3', mRNA  
sequence.:Start:1:Stop:563

CTCCATCCTGCTCCAAGGAGTGAAGGAGTCTGACAGAGGAAGCTACACCTGCAGCATCCACCTGGGAAAC  
CTGACCTTCAGGAAAATTTTTGTGCTGCACGTGGTTCAAAAAGAGCTCCGAACATTGGTGACCCCGGAAA  
CCCTCAGACATGAGATCTGGGCGGTAATCACCTGGTGATCATCGTGGGGATTGTCGTGCGCCACAGCTCT  
GCTGCTTTCTGTTCTGATATTGACCTTGAAGAAGAGGAATAAGAGTTTCAGAAACCTCCACAACCTGTGGTA  
AAAAGCCTGGAGAACGCAAGAAGGCCCTTCCAGAGAAACACATTTACACCTCAATAGCTACACGAGAGG  
TGATCGAGGAAGAAGAAATCAAGTGGAAAATCAGAGGCCACCTACATGACCATGCACCTGGCTGAGCTGC  
TGCAGTGGCAAAACACTCCATCGGATCAGAACCTCCAATTGCATGGTATTCTTTATGGACGAGTTACTGAG  
AAGAATTGCAGAAATAAAACCAACCCAAATGATTCCTTTGGCAAGTTATCCCTAAATAAATGTGGTTTG  
TGT

>GBEQ0425 |Acc|CD535663|Ver|CD535663.1 GI:31578078|LeukoN5\_7\_E05.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:483

TTAAGTATGCAGCTGACCCGAGGACAAGCACTGGCTGGCTGAGCAGCATCACATGCGGGCAACAGGGGG  
GAAGATGGCCTACCTCCTCATTTGAGGAGGACATCCGGGACCTCGCTGCCAGTGATGACTACAGAGGATGT  
TTGGACCTAAAGTTAGAGGAGTGAAATCCTTTGTCTACCTCCTGGATGGTTGAGAAGATGCCAAAGT  
ACATGGAGACACTACGGACGGAAAATGATCATCGTGCTGTTGAAGCACCTCCACAGACCTGAAGCCCGT  
CCCCTGGCTACACTTGGCAGCCCCCTCCAAAGCCCTCTTACCCACGTGGCTGAGGCCACCGCTGGGATG  
GATCTCAGCAGCATTAAGCTGTGCCCTGGGCTAGTTTGTAGTGACTCACTGCAGAGCACCCCCAGACTGGC  
ATGTGGTTCTATATTTGTAAAGTTATTGGGATAAGAAGCAATTAACAGTTTGAATAACCCC

>GBEQ0426 |Acc|CD535604|Ver|CD535604.1 GI:31578019|LeukoN5\_6\_A05.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A05\_A027 3', mRNA  
sequence.:Start:1:Stop:705

AAGGACAAAATCAATTGTATTACAAAACCTGTAATTTGGTATGTTTTGTTTTGTTTACTGAACCTTGT  
TGTAATACTATACGCTTAGCTTAAATATCACTTTCTTATAAACAATATAACTTCTTCAAATTTGTGTATA  
TTGAAACATTAGCAAGTCTTGTTTTTCTATAAAGAAAACACAATTGGTGACAAAGGTTTTTCAATCATTT  
TTTCAAATTTATAATGCAATCCCAATGGTCAGCATATTTTGAAATTTAAATTTAAAGATCACATCTCTGC



ATTCATTTTAAATTATGCTAACACACTACAGATGTTCTGTACTTACTTTAAAAAACTTGTCTGAGGTTT  
GAGGGAAAAGATGCTTATTTTGAATTTCTATAAAAAAGTACCATTTTATATACTTAGCTCAATAGTGACT  
TAAATAAAAGCGGTATTCTCAGTTGTTTAAAAATCACTAGCCTATAGTAACACACCTCAGTTTGAAATTA  
GATTTTAAAAATATTATTCCTAACAGTTTCTTTTATATGGAGCCATAAGGAAGGAACCTAGTATACAAT  
TCCTTTTATCTGGGAATCAGGGAGTAGTTCCCAAATACACAGGATTTACTGATAAGATTTTTTTTCTT  
CCCTTCATATATAAATTCACACTCAAATAGAAAAATTATTAATAGCCATTAGGGAAGGTCAGGAGACTT  
ATTTT

>GBEQ0427 |Acc|CD535603|Ver|CD535603.1 GI:31578018|LeukoN5\_6\_C09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C09\_A027 3', mRNA  
sequence.:Start:1:Stop:499

AATCCGGACTTTACTCAACCTATCTCAGAAGTTGTAGATGAAGTAATTCAGAATTGTCCTATTGACGTCA  
GGCGTCTCTCTACAAGAAATATTGTCTGTCTGGAGGTTCAACCATGTTTCAGGGACTTTGGACGTCGCTT  
GCAAAGAGATTTGAAAAGAACTGTAGATGCCAGGCTGAAATTAAGTGAGGAATTGAGTGGTGGTAGATTA  
AAGCCAAAACCTATTGATGTACAAGTCATTACCCACCACATGCAGCGATATGCAGTTTGGTTTGGAGGAT  
CGATGCTGGCTTCCACGCCGTGAGTTCTACCAAGTATGCCACACCAAAAAGGATTATGAAGAAATTGGACC  
TAGCATTTGTCGTCACAATCCAGTGTTTGGAGTCATGTCGTAATAATTGACTCATAGTTACGGGGGTTAGG  
GAGGCGGGAAGTTAATTTCTTTGCATTTTAAATATCTGGATCATGAAGAAAACGTGATGAAATAAA  
TTAAACTG

>GBEQ0428 |Acc|CD535599|Ver|CD535599.1 GI:31578014|LeukoN5\_6\_C01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C01\_A027 3', mRNA  
sequence.:Start:1:Stop:291

AAGAACAAGAAGGAGGAGAAGGTGAAGAAGCAACGGTCAGCGGACAAGGAGAAGAGCAAGGGTTCCCTCA  
AAAGGAAGTGAGGGGGGCATTTCTTGAGCCTCAGCCCTGATCCCTGTGGAGGCTCCAGTGAATGGATGC  
CCGACACTGAACCTAGGAGCCTGCCCCATTTTTTTGTAATTTAAATGACGGTGTCCCCACCTCCCTTTC  
CCTGACCTGTATATAGCCAGCAAGGCCCCAGATGGGGGCCAGGCCCTTTTACTCCTGTAAATAAAGCC  
CCTAGGAACCC

>GBEQ0429 |Acc|CD535597|Ver|CD535597.1 GI:31578012|LeukoN5\_6\_E05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:305

AGACTCATTCCTGAATGAGCAGGTGAAAGCCATCAAAGAATTGGGTGACCACGTAACCAACCTGCGCAG  
GATGGGGGCCCCGAATTTGGCATGGCAGAGTATTTTTTTGACAAGCACACCCTGGGAGAGTGTGACGAG  
AGTTAAGTTTCAGGCCAGTTCCCTCAACACGGGTGACCTCCCTGATCCACCGAGGCAGTGCATGCATGT  
TGGGGTTACCTTTCCCTTTCTATAAGTTGTACCAAAACATCTACTTAAGTTCTTGGATTGTACCATTC  
CTTCAAATAAAGTAATTTGGTCCCC

>GBEQ0430 |Acc|CD535594|Ver|CD535594.1 GI:31578009|LeukoN5\_6\_B06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B06\_A027 3', mRNA  
sequence.:Start:1:Stop:399

AGGTTTTTTTGGCTACACTATCCTCCCTGGGTCCAATTATCCAGAAGGTCAGAACATTTCCCTAGAGGCAGA  
ATCCTACAACCTCCACTCCAAATGAGAAGGAGGCGCAAACCTTTCAGTGATGCTGTTGAGCCCTCCACACA  
TCCTCAAACCTCCACATTTTCTTGGATCCTATGGTTTTTTTATCCAATTCTTTGAATTTCCAGTCCCC  
ATATGTAAACCTTAGCAACTTGGGGGAGCTCATTCCCTGGGAACATTTTGTAACAAAGTTATGTCCAACC  
CTGTTTGTAGGGTGAATGTAATTTGGGGAGGGGGGATAAAGGCCCTCCTGGGGGCCAACAGAGGGGCAAG  
CAGTGGCTGGGGTCATTTCCAAGGAATAAAATTTGGTGGAACATATTGTT

>GBEQ0431 |Acc|CD535587|Ver|CD535587.1 GI:31578002|LeukoN5\_6\_B12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B12\_A027 3', mRNA  
sequence.:Start:1:Stop:602

CCGGGAAGAGCCTCCGCTGGGGACCGGGGCTCACCGCTTAGCTCAGCCCCGGTCTAGGCGGCTGGTTT  
GGCAGGGGCTGCGCCAAACGCACAAAAGGAAGAAAGTACTGTGACGTGGTCAGCGTGGTGGCTGACCAA  
GAACAGCAATTGGCACTTTCAGATGGCCAGAATCTTTTATTCAGGGCACGTGGCGCCATGAGGGCCAG  
GACTACCCACAGGTCCTGGGGAGAGTTCTCTGGGGTACACTTTCACCCCTGACACATTAGCCATTTGTC  
CTTGTGGGAACCCCTTGCACCTGCTGTGGTTGTCCCCGCGTGAGCCAGACGTGGAGGATGCTGGACCCA  
TCAGCCTCTTCGTGGAGGTGGCAGCCACCCGTTTCTGTGAGAACAGAACTGGCAGGCCAGGAGGAAGCAC  
AGGCTGCCTTACCTCATTCACGGGGCTAATCTCAGGGGCCCTCCACCTCTTTCTACTACTTACTGAA  
AATGTTAACTTTCTAGAAACCTTTTTCTGTACTGGGTATGCAACAGAGGGGTGGTTTTTGACCCTTGGCTC  
TCAGCGGACCTTTTTTACTGTGTAGTAACATCTCAGCACTGTC

>GBEQ0432 |Acc|CD535583|Ver|CD535583.1 GI:31577998|LeukoN5\_6\_F05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F05\_A027 3', mRNA

sequence.:Start:1:Stop:616

GCATTCCCTTTATTCCATGAAAGGGGTTATATAGAGAAGACTTTTTGTGATCTGAAAGAAGAATTTTCATAG  
AATATGCATGCTAGCAAAAAGCCCAAAAAGACCACCTTAAGCAAACCTTAATGTACCAGTCACTGCAACTGGT  
AAGGTTTGATTTAATGTATAGTAATATTAATTTTATTGGTTGGAATTGATTTCTTTTTGATTGTGAAAAT  
ATTTCTAAATGCTTAAGTGCTAGAGATCTGCAACTTGCACCTCACCATTATCAGTGGCTTAATACTTTGA  
CCATTTTTAAATTGCACAGGTCTAAATCTGAGTACGTATCTGTCAACTAGAACACTGAGTGTTTAACTTC  
AATTTCTTCCCCACTAAAACGGCTTCTAACATTATTCTTATACTTTGTATTAACTGTGTCACAAATAAT  
AAATATAACATTATCCTTGAAATCTTTTAGATCTGTTGTGCTACAGACTCCAGTGAAGTTTTGCTAGGTT  
CAAACAGAAACCAAAATATCAAATATTGTACTTCTGACAGTAGATCACGAGGAGAAAGAAATAAGAAGAA  
ATGTTTGGAAAAAGATGCCTATTACAGGCTTTTCAAGGATGAACATTACATTGAAT

>GBEQ0433 |Acc|CD535580|Ver|CD535580.1 GI:31577995|LeukoN5\_6\_A02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A02\_A027 3', mRNA  
sequence.:Start:1:Stop:594

AATGTTAGAATTGATTTCCAGGGATCAGTCAGCATGTATAGTTAATACTGCGGGGTTTTTTTATTGGCTG  
GCCTGAACAATCCTTGAGGAGCACTCTTGACTGATTTTGAACATTTCAGATTTACCCAGAATGTTCCCG  
AGTGGTGGAGACAGGGGCCCTCGTGGCGCAGACCTGGTGCCGGGCCGTTTGCTTACCAAGCGGCACCGGGT  
GCAGATTCTTCACTTCCCTCGCTTCTGTTTGAGCTCAACACCTAAAACAGTTTTGCTGCTATAATTCAAT  
ATTGTTAATTCATCTGCACATTTATCTGTTTACCAAATGAAATAGAATAGGATTATCTAATGAGATACAT  
GTTTATACTTAAATAGCTTTTGA AAAACAGGCCCTTTGGGGGAGTGAGTTTAAAGAAGTCCCTGGATTCT  
GCAGCTAGGTCACCTTTTTAACCCCGTGCAGAGAGATGGCCACAAGCTGCTCTTTGTAGCGCCCTCCACG  
GATCCAGCCCGCCTTTGCTTGGGAGATCAGCGCATCCGCGAGCTCCAGTTTTCATATTGCAGCTGAGGT  
TCTTACCTACTCAATAAACTGTTTTTACTCANT

>GBEQ0434 |Acc|CD535579|Ver|CD535579.1 GI:31577994|LeukoN5\_6\_B04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_B04\_A027 3', mRNA  
sequence.:Start:1:Stop:380

GCCCCCCTTTTTTGCACCTTGGGGTTCGGCATGGACAATGGACCTGGGAGTGGGGTGGGGGTTCCCAA  
AGAGTTCAGTGAGGCCCTTTACACCTGCATCCCGACCCATGGGAGGGTGGAACTTGGGGAGGACCCCTC  
CCTTCCAGAGGGGCTTGCTGCCTGGCCCCCTACATTGGAAGTGGAGGCAGGGAAGGATGGGGAGAGGA  
GGGTGGGTCCCTGTGAGAAAACAGGCATTGCCCGCAGCCTTTTCCCCCGCCCCCTGCAGGAAGGAGCTGC  
CTGGACCCGCTCATGGGGGAGGGGGCAGAAGTGTTTTTATATATGGGTATATATTTTTTTTTTTTAAAGC  
TTTGAGCTGTCAACGAGACGTTTCTTCCG

>GBEQ0435 |Acc|CD535578|Ver|CD535578.1 GI:31577993|LeukoN5\_6\_D08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D08\_A027 3', mRNA  
sequence.:Start:1:Stop:670

TTTCGGGGAAGGGCATATGTCACTAATAGAATGTCTCCGAACTGGATTGACATGGGGAAAAAACATCT  
TTCCCTTCTAGTTTTGAGAGACCTTCTCTTGGTTCCAGGAGGAGAGATCTCTTGACGTTGACACACAT  
GCGCCACCTTGGCACAACCGCTGGTGGTGTGGA AAAACTAAAATTCGTTTTTATGTCTTCTTACCCCTC  
TCCGCCCTTCAGCATAGACCTGACTCCCTTAAACCCAGAGACCTCTTGAGACCTGACCCCCAAAATTGCT  
TACTAGTATGTCAAGCAATCTGGACTTGCCAGTGTACCATTGAGATGGCACCCTCAAAGAGCAGCAG  
TTCCCTTATTTAGATTGTGGATCTTCAGATTGATAGTTCTGCCATTTTTCATTTTCCTGAAAGTCAG  
GGTCCGCTTGTGAAAAGTTGTTAAACAACATGCTAAATGTGAAACGTCAACCTCACTCTAAACTTGCCC  
TGTTGAGAGCATCACATGAAGACTTCTGTTGGGTTTTTATAGTGGCTTTCTGATTTTGGTAGTCCATTGAAG  
AAGGGAGTTTGAAGTTGTTGTATACTGTTACCGATTGTCTGCCATGTCTGCTGAAATACCATGATT  
GTTTATGAAAAGTATCTTTAATAAAGCTGGATACAGTTTG

>GBEQ0436 |Acc|CD535577|Ver|CD535577.1 GI:31577992|LeukoN5\_6\_H01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:607

GTAATAGCCTAAACACAACATATTATTTACTTACAGCCTTATGTTTTTGTATTTCTTGGTAGACAGTAAT  
TTTTTTTTAAAGAAAGGAACGTGATATTTTAAAGACCAATTTGTTCTACCTAGCATTTTAACTATAATTTT  
TCTCCGGATATGTTGATGACCAATTTCTCTCATGATGTTCAATTCATTGCTACATAGTTTGGTTCTTC  
TGGAGTATTTTTATCACGTAACATTAGATTACGGTTAGGAAAATGAGCAGAACAGTTAAATGAAACATT  
TTTTGTCTTGCTAATTTTTTCTGAGAACCAAAGTATTTTTTCAGCCGATAGTTGAATGAGTTTGT  
GCCTGCACCTAGCTGTGCCTTTTCACTTGTGTAGAGCAATGCAGCGACTTATACTAAGACCGTTTCATCA  
TTTAA AAAACAGAAACAAAATTTGTCAGGACAAGTGATGTTAAGAATTTCCAGTATGACCACACCCAA  
TAACCTAGCTTGTATTGGATTTTTGTATTTTAGGTGACATAGTTAATTACAAAGAAACCTAATTCATAG  
TATGGTTATTGGTTACCACAGGGAGGTGAATAAAACCTAGTATTTTC

>GBEQ0437 |Acc|CD535574|Ver|CD535574.1 GI:31577989|LeukoN5\_6\_G06.b1\_A027 Unstimulated

peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G06\_A027 3', mRNA  
sequence.:Start:1:Stop:639

TGAGCCCCAAGCCCTCAGTGGAGCCTGTCAAGAGCATCAGCAGCATGGAGCTGAAGGCCGAGCCCTTTGAT  
GACTTCATGTTCCAGCATCGTCCCGGCCAGTGGCTCTGAGACCGCCCGCTCNGTGTCTCTTTTCTCTT  
TCTCTTTAGTCTTCTCATAGCATTAATAATCTATTGGGTCATTATTGGAATTAACCTGGTGTCTGGATA  
TTTTCAAATTGTATCTAGTGCAGCTGATTTTAAACAATACTACTGTGTTCCCTGGCAATAGTGTGTTCTGA  
TTAGCAATGACCAATATTAACTAAGAAAAGATATGACTTTATTTTCTAGTAGATAGAAATAAATAGCTA  
TATCCATGTACTGTAGTTTTTCTCAACATCAATGTCCATTGTAATGTTACTGATCATGCATTGTTGAGG  
TGGTCTGAATGTTCTGACATTACAGTTTTCCATGAAAACGTTTTATTGTGTTTTTAATTTATTTATTAA  
GATGGATTCTCAGATATTTATATTTTATTTTATTTTCTCCCTTGAGGTCCTTTTGACATGTGGAAAG  
TGAATTTGAATGAAAATTTAAGCATTGTTTGCTTATTGTTCAAAGACATTGTCAATAAAAGCATTTAAG  
TTGAATGCC

>GBEQ0438 |Acc|CD535568|Ver|CD535568.1 GI:31577983|LeukoN5\_6\_F10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F10\_A027 3', mRNA  
sequence.:Start:1:Stop:573

CGCACAAAGTTCTGCTTCCCTTGCTCCAGACAAAGCATCAAACAGCAGGGAGCTAGTGGAGAGGTCTATTG  
TCCAGTGGGGAAAAATGCCCTCTGTGGGCTCCAATGTCCCTGGGCCTTTATGCAAGGGGAAATGCA  
ACCATCCTTGCTGGAGATGTGAAAGTGAAGAAAGAGAGAGACTCGTGACTTTCCGGTTTTAGAAAAACCC  
AATGATTACCCCTTAACATAAACTGCTTGAATTGTATATATATCTCCATATATATATATATCAAGACAAG  
GGAAATGTAGACTTCATAACATGGCTGTATAATTTTGATTTTTTTGAATACATTGTGTTTATATTTTTT  
TTGACGACAAAGGTATGTACTTATAAAGGCATTTTCTCTTTTGTTAACGTTATTAGCATATCTTTGTG  
CTTTATTATCCTGGTGACAGTTAACGTTCAATGTAGGCTGTGACTTGCGCTGCTTTTTTAGAGCATTGG  
CAAATCAGAAATGCTTCTAGCTGTATTTGTATGCATTATTTTAAAAAGAAAAAAGCCANAATACAT  
TTTCTGACATTGT

>GBEQ0439 |Acc|CD535555|Ver|CD535555.1 GI:31577970|LeukoN5\_6\_H06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H06\_A027 3', mRNA  
sequence.:Start:1:Stop:516

CATCACCCCTTACTTGTCTGCTCTCTTTGACAGGCTCCACCCCTGCCACCTCCTCACTTGCTTGTCACTT  
AATTTTGGTCACTTGCAAGTGTCCGTGTGATGTGATCAACACGCTGATTGCCCTTGGTCAGTGACAAGGCG  
CTGTTCCCTTGGTTTTGTTAGTAAATGCCTCGGCACGGGAGAGAGATGTGCCACACGCTCATGGCCAC  
CAAGCCTTTACTTCCGTCGAGTTTCTTATTAGCCCTCAAGCTATGCCAGGAAAGTTATACAATGCCAAA  
ATATTTATAAACCTTTACTTTGTTCAAAAAAATTTGACTTTGAATACTTTGTCAATTAGGGGGTATCCTT  
GTCCCAAAAAGACACATAAGAACTTACTCACTGGAATTTAATTTGATTAGGATTGAACACTTCAGTTGTC  
TCTAGGCCCCACAGCAAGCAGTAAATGCCTGTAAAGAAATGGAAATGTGAAATGTGTTCTGTATAACTG  
AAAGCAACTAAATATCCTTCTCACTC

>GBEQ0440 |Acc|CD535553|Ver|CD535553.1 GI:31577968|LeukoN5\_6\_D12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D12\_A027 3', mRNA  
sequence.:Start:1:Stop:661

CCAAAAATACAATGCTTTTGATAAACTACATTGAACCTCAAATTTAGATGAGGCAGCATTCTTCTGAGAT  
AATTATCGAAGTTTCTTCTTGTGTAATGATACAAAATCTCTCTGAAACTAACAGGAAGGTATTTTACA  
TAAGTGGGATAACTTGTGCTATAAATTGTTACCTCACCTCATTTTATTTTAACTAGTAATTTAAAGTTA  
TTGTAAGTCCCTCGAAATGCTTGTAACTGAGAACCAACAGAAAAAAGTTAAATTTAGAATAAGAAATGATT  
TCCTTCATTTTCCCTTCTTGTGTTTGGTTGGTCATTGAACTTTTGTAAATTTTGATTAAATGATCTTG  
GGTCTGTTACTTTATCATCTAAGACTCATTATTTTAAATGCAGGAAAAAAGATTAGCAATTTCTTT  
TGGTCTTGCTTACATGTAAAGTATGCCATCCAGTCATTTAAGAGCCATCCCAACTCCTCGGCAATATGT  
ATTTGAATTCACATTATTTCTGTTTACAGCAGTTTGAATAGCATATATTGTGTCACTGAGTGTCAATAT  
TATTTGTAAGTGATGTAACTAGCCATCAAAATGGTATCAAGTAATGCCTAATACTGTGGGATGTAAAC  
TTCACGAGATCATCGTTTTCACATTAAATATG

>GBEQ0441 |Acc|CD535550|Ver|CD535550.1 GI:31577965|LeukoN5\_6\_F09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_F09\_A027 3', mRNA  
sequence.:Start:1:Stop:610

TTTTAAGGGGGAAAAATAAAATAGTATACAGTTTGACTTTTTGGAATTCTACAGTTTTATCCTGGCCTC  
GTACTTGCTTGATTATAAATGTGAATTTTATAGATTTAGGCTATAAGTTGCTGTAAAATGTGTGTA  
TTTGTATCCTTTACACAACTCAGTTCCTTACTCTGATACACAGTAAATATAACAGGGCTAAATGTTTTA  
AAAAAATCAAAAGAATCTTTTAGATCTAGGAATACATTTAACTTTTTAAATGCTTATTAAGACATT  
TGTCTAAGTCACTTGTGATGAAAACACACAACCTTTTAAAGTAAATTTAAGCAAAGTGA  
TGTATTTTCATAGTGACCTGTGTTCCACTTAATGTTTCTTAGAGACAACCTAGTGTCTTTTAAAGTTATT

TTGTATTTCTAATTTTCATAATTCAGAACTAAATTTTTTCATAGAAGCAGAAGTGTGAGCCATGCTACAGT  
AGCTGGGTGTTAGTCTCCTTGTCTTAATTCCTCAACATTTCTTAAATTATTTTATATATCATACAGTTGTC  
ATTGATTATATGGATATATGTTTGTTCATCTAATAAATCAGTGAATTGTT  
>GBEQ0442 |Acc|CD535548|Ver|CD535548.1 GI:31577963|LeukoN5\_6\_H12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H12\_A027 3', mRNA  
sequence.:Start:1:Stop:405  
GGAGCGGCCACCTTCGAGTACATCCAGAGTGTGCTGGAGGACTTCTACACCGCCACCGAGAGCCAGTAC  
CAACAGCAGCCGTGATGGGTGGGACCAGGGCAGGACCAGGCACCGAGGCAGGCCAGTGGGGTGGCTCCA  
GCACCATCTGCCCCGGGGCCCACTCACCTTCCCCTCCAGACACCCACTCTCGCTCCAGCCACAGTAT  
CCTCATCTGTCAAGGGGGTGGGTGGACTGGACAATCTCTTTTGGACTCTAGCAATCCACAATCTGCCAT  
TCTCAGGAGACCCCCAAGTTGACATTTCTATGGCCTGGGAGAGTTGGATTCCACTCACAGCTGTGGTTTG  
GATGGGAACTTTAAAAATAATGAAATAAATATTTAAATAAAGGGTATGAATGCT  
>GBEQ0443 |Acc|CD535544|Ver|CD535544.1 GI:31577959|LeukoN5\_6\_D04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_D04\_A027 3', mRNA  
sequence.:Start:1:Stop:642  
AAGGTGAGAATGTTAAGTGGACTGATCCATTGCCAGAATGCAAAGAAATTGCATGTCCAAGCCCACCAGC  
AATTGCCAATGGAATTATTCTAGAGCAACATGACACTTACATATATAGACAGTCTATAACATATAAATGT  
GAGAAAGGATTACCTGGTGGAGGCAACTCTATTTCATTGCACTGTAAAAGATGGCCAAGGGGAATGGA  
GTGGCCCGCCACCTGAATGCAAAGATAGTTCTCAGATTTCCAAGGTACACACCAGCGGTTTCAGAAACCCAC  
CACTGTAGATGTTACAGCTACTGAAGCCCCATCAACTCCTCAGAAAACAGTGCTGTAAGTGTACAGGT  
ACTGAAGCCCCATCTCCTCCTCAGAAAACAGTGCTGTAATGTTACAGGTACTGAAGCCCCATCAACTC  
CTTTCTTTCCCTCCTCTAATTCACACAATTTCCATGAGACTATTCTGCTCCTCGATGGCTTTATCAAT  
GGCCTAATGATAAAAGACTGTCTTTCTCTGATTCTTTAATCAACTGTCTCTTAGAACATGCACAGTAGT  
TTTTCTACATCTGTGTGAAAAGTATTTATTAATGTGGAGTCGACTTTATGTTTTGAAATAAACATGACC  
AAGTTTAGTGTC  
>GBEQ0444 |Acc|CD535472|Ver|CD535472.1 GI:31577887|LeukoN5\_4\_C01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C01\_A027 3', mRNA  
sequence.:Start:1:Stop:566  
AAGCTGGAGAAGAAGAAACAGGAACAGGAGCAACGGGCCAAGGTGGGGACCTGATGG  
CAGATCTCTTTTACAAGCTGGTCAATGAGGCGCAAAGGTATCTCCGGGAAAGGACCGCGCCCGGGGCCAG  
CGAAGGGCCAGGTGGAGCCTTTGCCGAATGTCTAGACTCCATCCCGCCTTTGCCTCCCCACAGCAGCCA  
CCGGGAGAGGAGGACGAGGATGACTGGGAATCCTAGGCCCTCAGCTGCTGCTTCTCCCCAGAACTCAGGC  
TTAGCTATGGCCCTCACGCGGAAACAGCGGGATGGGCTCCTCGGCCGGCAGCTTTTCAGTCCCTGCTGCC  
TTGGAGGACCGGGCTGTGGAGGACTGTCCCAAGACTGTGCTGGACCTTCTTCAGGAAGCGGGGAGGCC  
GGCTTCCGAGGCCACAGCTGGAAGGGGCGGGGGGAGCCCTTGCTCTCTGCCTGTGCTTTACCCACCCC  
CTCACCAGCATGCTTTTTTTTTTTTAAAGAGACGCTGAGATAACAATCCATGAATCAATAAAGAAGCATAA  
CGCAAG  
>GBEQ0445 |Acc|CD535471|Ver|CD535471.1 GI:31577886|LeukoN5\_4\_E05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:123  
GGGGCAGGGCAGGGAATGGGGTTACCTGACCTTGTGTTGAGGGTATGGGTTTTTTTTTACTTCACTTGTAT  
CTCAAAGAGTACTCGGAGCCAGTGATCCTTTTATCCCCCTACAGTCTTTAAGG  
>GBEQ0446 |Acc|CD535467|Ver|CD535467.1 GI:31577882|LeukoN5\_4\_G05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G05\_A027 3', mRNA  
sequence.:Start:1:Stop:703  
AGCAACAGATATGTGGAATATTGGTATAATAGCATATATGCTACTAACTCATACGTCCCCCATTTTGGGG  
CGAAGATAATCAAGAAACATACCTCAATATTTTCTCAAGTTAATGTAGATTATTCAGAAGAACTTTTTTC  
GTCAGTTTTCAGACTGCCCCACAGACTTTGCCCAAAGCCTTTTGGTAAAAAATCCAGAGAAGAGGCCACG  
GCGGAGTCTGCTCTCTCACTCGTGGCTGCAGCAGTGGGACTTTGGGAACCTTTTTCACCTGAAGAAA  
CTTCTGTTTCTCTCAGACTCAGGATCATGCGCTGCGGCTCCTCTGAAGACAGGACCGCCNAAGTCCCTC  
TGTAATGGAACCTGTAGTGACCGGGAGGACAAAGAGAACATCCCGGAGGATAGCAGCATGGTGTCCAAGA  
GGTTTCGCTTTGATGACTCGTTGCCCACTCCCATGAACCTGTCTCAGATCTGCTCTGTAGCACGGGTC  
TCTTTGACTCGCTTGGACTGCATTTGGAATTTGAAATCCACTCCCATGTGAGATGGTGGTTTGCAGCTTC  
ACATATGGCATGTTTATATTGTAATGCACCTTTGTCATAGCAGAAATTTAGGGAAGAGTTTAAATGCTAAA  
TTACTAGCTGCTAGTAGAATTTTATTTCTATCATGAGATATCAAGTCTGCAGAGAAGAAGATATTTAA  
TAT  
>GBEQ0447 |Acc|CD535464|Ver|CD535464.1 GI:31577879|LeukoN5\_4\_C11.b1\_A027 Unstimulated

peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C11\_A027 3', mRNA  
sequence.:Start:1:Stop:664

GGAGTTAATTTGCCACAGAAGGCTGGAGGATTTTGTATGAAGAAGGAGCTGAACCTACTTTGCCAAGGCCCT  
TGGAGAGCCCAGAGCGACCATTCCTGGCCATCCTGGGCGGAGCTAAAGTTGCAGACAAGATCCAGCTGAT  
CAATAATATGCTGGACAAAGTCAATGAGATGATTATTGGTGGTGGGAATGGCTTTTACCTTCCTTAAGGTG  
CTCAACAACATGGAGATTGGCACTTCTCTGTTTGTATGAAGAGGGAGCCAAGATCGTCAAAGACCTGATGT  
CCAAAGCTGAGAAGAATGGTGTGAAGATTACCTTGCCTGTTGACTTTGTCACTGCTGACAAGTTTGTATGA  
GCATGCCAAGACAGGTCAAGCCACTGTGGCCTCTGGCATACTGCTGGCTGGATGGGCTGGATTGCGCT  
ACATTCTTCAGGATCCCATTTGCACCTCTTAGGGACTAAACCATTTGTGCATTCTAGAATGCATGTATTTA  
TATTTTGCTGTAAAAGAAAGTGAGCTGTAGCCTAGTTCTCTTTTGAAGTAGCTTATTCTGATTAGC  
TTTGTCAATTGTTTCACTACTCAGCATGGAACAAAATGTAATTCCAATTGTAGGTAGGGAGGGAGGTGAA  
GTTGGTAATCTGTTAAATAAATAATAAAAGTATC

>GBEQ0448 |Acc|CD535463|Ver|CD535463.1 GI:31577878|LeukoN5\_4\_C04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C04\_A027 3', mRNA  
sequence.:Start:1:Stop:689

GGGTAAAAGTGGATAAGGCAACATTTATGGTTGGTAGCTACGGGCTCGGCCAGAGGAGTATGAGTTCCT  
GACTCCAACCTGAGGAGGCTCCCAAGGGCATGCTGGCCCGAGGCACTTACCACAACAAGTCTTCTTACC  
GACGACACAAGCAGCACCTCACCTGGGAGTGGAACCTGTCCATTAGAAGGAGTGGACAGAATGAG  
TCCACCTGCCCATCCCTTTTCTTACCCATGCCCCGTGGAAGAATCCTCTCAGTGGGTTTACCACCCTGTC  
CCTNCCTCCCTGTTACAGCTGGGTCCCTTCTCCAATGCTCCTCACATTCTCTTGTGTATGCATCTTATC  
CCACATTGTCTCTCAAAGTGGTCTCTAGCACAAAGATGCTTAAACCCAGGCTTCATCCTGCCCGCTGCAT  
CTGATCCCCCACCCTGGCCAGATCTTTGAAGTTTCGCCAACCTCAATACACAATCATTAAATATTTTCTCCT  
CTTATTTCCATTTGAGCAACTAGAGACCAGGAAATGGGCAAACCTATCACTAACAGTCCTTTGCCTTGGG  
TTCAGTAGCTCATTCGATCCCTAGATTCTCTGTGGTTGCTGCTGGCTCAATGAAGTCCCTAATCAT  
ATTCCCTGCCAGTTGGGGTCTTCTTTTCTGGGAAACACTGTAACAGCACAAAGAGAGT

>GBEQ0449 |Acc|CD535462|Ver|CD535462.1 GI:31577877|LeukoN5\_4\_E08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E08\_A027 3', mRNA  
sequence.:Start:1:Stop:652

AGGTTTGCACCCGATTCTTGGACATTTTATAGCTGAACATTACATGTTCTTAAAGGGACATGAAACTTAC  
TCGTATTATGGCCCTCTGAATTTACTTACCTTCAATGTGGGTTACCATAACGAACACCATGACTTCCCCA  
ACCATCCCGGAAAAAGCCTTCCCTTGGTGAGGAAAATCGCAGCCGAGTACTATGACAGCCTCCCCCACT  
ACCACTCCTGGATAAAAGTGCTCTATGACTTTGTGACAGATGACACCATAAGTCCCTACTCCAGGATGAA  
GAGGCATCAAAAAGGCGAGGTGGAACCTGGAGTGAAGGTGCGCCGAGCCAGAAGAATTCTCTCTGAAACG  
TCCAGTAGCCGATAGCTTGGAGCTTTCATTTATTAACCGAGACCAAGGGGTGTGGGAGCCACCTCA  
TACAGTTTCTGAGTGTGATCCCCGTGGTGTGAGGAAGCTAACCTGGCTCTACCAGCTTGTCCGAGTGT  
CAGCTTTACTCACAGGAAGTGATTTTGTGTGTGTCATTGTGGAGGATGTTTTACCCATGTCTGACAG  
TTTGCTAGCATGTCTATAAAGAAGCTTTTAAAGAGCTGTTTCTAGTACATTATTTTCACTATAAAGTTTTC  
CTTTATTAATAACTGTTAATAAA

>GBEQ0450 |Acc|CD535455|Ver|CD535455.1 GI:31577870|LeukoN5\_4\_B12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_B12\_A027 3', mRNA  
sequence.:Start:1:Stop:636

GTGCCATGTGCAGCATGAGGGGCTGGCTGAGCCGTCACCTGAGATGGGAGCCGCCTCCTCAGTCCACC  
ATCCTCATCGTGGGCGTCTTGTGCTGGCCTGGGTCTCCTTGGAGCTGTGGTGGCTGGAGCTGTGATCTGGA  
GGAAGAAGCGCCAGGTGAAAAAAGAGGGATTTACGTGCAGGCTGCAAACAGTGACAGTGCCAGGGATC  
TGATGCGTCTCTCCACAGAAAGTGTGAGACGGTGGCCCTGTGGGAGACCAAGTGATGCAAGATTTGTTT  
ACGCTCCTACTTTGTGACTTCAGATCCCTCTCTTCTCTTTCTGTAGCTGGCATCTGAATGTGCTGTGT  
TCCTATTAGCATAATGAGAGGAGGTGGGGAATTGACCCACCCCTGCCCTTCCACGACCCCTCCCCAC  
ACTGACCTTTGTGCTTTCCCTGATGAAATTTCTGTTGCAGCAGAGGTGGGGCTGGGCCGGCTCCCTCCC  
TGTCTTAACCTCCTGTTGCACTCACTAGTGTATCATTTGCTTCTTCTGCTGAAAATATGGATCCAGATATGA  
ATTTTTTTCTAATCTTCTTCTAAGGGATTGATGTGTTAATTAAAGAAGATTCTTAAAGTTTGAGAGTGG  
AAATAA

>GBEQ0451 |Acc|CD535452|Ver|CD535452.1 GI:31577867|LeukoN5\_4\_A03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A03\_A027 3', mRNA  
sequence.:Start:1:Stop:265

CAGGCTGCATTGTTTGAAGAATTGCCTGGTTTGGCTTTTCGGTCCAGTGTGAGACATGTGTCCTTTTTT  
GCAGGCCCTGCTCCATCCAGGGTTGTTTGGCCTCCCTTGGCCTTTTGGACCAGCAGCGAGGGGCCCTGGC  
ATGAACAGAAAAGTCGGAGGACGTGTACAAAGGCTTTGTAAACCAGAGGCGGTTTCTATTTTGTCTAA

TGTTATTCCAACCTCAAGGTGAGTAATAAACATCCCTGGAACAGCTTTTGGGGGG  
 >GBEQ0452 |Acc|CD535450|Ver|CD535450.1 GI:31577865|LeukoN5\_4\_D09.b1\_A027 Unstimulated  
 peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D09\_A027 3', mRNA  
 sequence.:Start:1:Stop:615  
 GATTCCGTTTAACTACTGCTGGCCATTACATAGGTTTTGTGTTTGGGGGCGAGGAGGGGGCTTTTGTTC  
 CCTTTGGACGTAATATAGTCAATGCACTAACAAATTATGTACATTCAAACCTTGATTATTTTAAATTCGATC  
 TTCGGCTGTACTGTAAATAGGGTACTGCATGGTAGTCTCCATATATGTTTATTACTTTTCTGTAATATTT  
 AAGAGTTGCTTAAAGTATACAAAATGTACAGTTACTAAAAACAGCTAATTTTTTCTCTCTCCTCCTTT  
 GAAAGGAAGGGGCTTCAGTTGTTCTACCTGGCTAGAACCATATAAACAAATGTACCAGTAATTTGTAACT  
 TTAAGTATTGCAATATGTTAGTAACAATCTTGACGCTTGTCTTCCAAAGTTCATTTTATTCTGATCAGT  
 ATATTGCACTAATTTAGGTATTTTTCATTATATGAAATCTACCATGTGTGTCAGAGATGATTTAATCTA  
 TTTAAGTGTGAACTGCTGGCAGAACTTGTACATTTACAGTAATTCAGAATTAGTAAGGAAAACAGTTCA  
 CCAGTGTTTAGTTTATATTGAGGTGCTCAGGTTGGAATAAAGTGGTTAAAAAGC  
 >GBEQ0453 |Acc|CD535448|Ver|CD535448.1 GI:31577863|LeukoN5\_4\_C03.b1\_A027 Unstimulated  
 peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C03\_A027 3', mRNA  
 sequence.:Start:1:Stop:678  
 GCCAAGAGGAGAAAAATGAGCCAGAAAGGGCAAGAGAAAGGGGGCCGGCAGGGTCCAGGGGGCAAGAGGA  
 AAGGGGGCCCGCTAGCCAGGGAGGAAAGAGGAAGGGGGCTTGGGAGGCAAGATGAATTCCGGGGCCGCG  
 TGGCTTGGGTGGCAAGAGAAAGGAAGGCAACATCAAGGAGGAAAGAGGAGGAAGTAAATTGCCCCCGCG  
 AACCCGTGTAAACCAAGAACTATACTAAATTTTAAAGTTCTGCGTACTGTACTGTAGGGGAGATGCAGAA  
 GAAGGTGACCGATACCTTCACTGAGCTTGAGGTTGAAGGGATAGAACTGCCCTTCCCTCAAGATATTGTG  
 TAAGTGTGGACTCTCCAAATTAATGTTTTTCCCACAACCAAGACTTTGGAGATTAAAGGATGTATTGGA  
 GGACTTAAGAATTAGGGAAAGAAAGTTGGTCGAAACTGAGAATGAGTTTTGTTTTTTCAGACAGACATCTTTT  
 TCCTTTTTTAACTTTTGGATATGGTGTGAGGAACAGTTAGTCATGTTTTGACCCTTAGATTGATTTCTTTT  
 ATTCATTATTTTTTGAACAAACCTGTGATTTTATCAAAGTCAGGGGGGAAACAGGAAGATTACATTTTCAG  
 AACTGGAGTTACAAGTCACTGTTGTAAGGTAATGTAATAAAAGTATA  
 >GBEQ0454 |Acc|CD535447|Ver|CD535447.1 GI:31577862|LeukoN5\_4\_D05.b1\_A027 Unstimulated  
 peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D05\_A027 3', mRNA  
 sequence.:Start:1:Stop:661  
 CTTTTGTCTATTGGTCTTCTTTTTGCCCCCTGCCCTCTTCCCCCTGCCCTCTTCCCAATGAAAGCCATGT  
 CAAATTAATCACTGGATTGACTACTTCACTTTTTATGTTTAAATGGAAGGTATACCACAGTTGTAAAGCA  
 ATAAGATTTGGATGAACATATGGAAATTTTGCTTTTTTGCTAAATGGTAGCAAGTTGAACAGTGATCAAAA  
 AACATAGGGTTTTAGTTAAAAATGATTGCTTCTTCTCTACCTGGACTTTTTAAAAAATCAATTGTCTATC  
 TAATACGAGTTTATATATCTGTATAAAAAAGTATAGATATCTAAAAAATCATGACTTTAAACTTCCACT  
 GATGGGGCAGATAGGAGATAAAGATGAATTCGTGCTTGTACTAAAAAGTATTCGTATTTTTTACCTTGGG  
 GGCAGGGCAGGGAATGGGGTTACCTGACCTTGTGTTGAGGGTATGGGTTTTTTTTTACTTCACTTGTTATCT  
 CAAAGAGACTCGGAGCCAGCGATCCTTTTATCCTGCTACAGTCTTAAAGGAACCTAAAAAACAACAAAAA  
 GCAAGGGCCGCCAAACTTAAATTACTTTTGATTTTTTATTTTCACTCTCTAATGGTTCATGTTCTAAAT  
 ATATATGTATCTATTCTGTTTCTTGGATAAA  
 >GBEQ0455 |Acc|CD535443|Ver|CD535443.1 GI:31577858|LeukoN5\_4\_D01.b1\_A027 Unstimulated  
 peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D01\_A027 3', mRNA  
 sequence.:Start:1:Stop:619  
 GTGCCCCATCCCCCGGACCCAGTCTGCATGTTGGCCATGGCTGCAATTTCTAGCCTGTTGCCTCTTCA  
 TCTAGATCCCATTTCCCGGACATTCCCTTTTCTTTCACCCAAGTTTTCCCTTTGCTCAGCTCCGTGGTTT  
 CTTTCTTTCATCTTTTTCATCTCTGCCCCAGTGTAAAGGCTGTACCATGTGAGAGGCCACCTTTGCTTGG  
 TGGCTTCACTCTCCACAGCATCCCCCTTCCCTCAGGGGGCCCTAACCCGCGACAGTCCAGCTTTTCAGAGG  
 GGAAAGAGGTCCTCTGAAATGGTTCTTCCCACTTTAAAGGGACTCAAGGTGCCTGCCACTTCTCAGT  
 GAAGAAGTCTGTGTTCCACCCCATACCCGTCAAGATTTCCCTCATAGTCCAGAGTGGCAGATAGGA  
 CCTGGCTCCAGGGTTCTAGCTCCTGTACCTGGGTGAGTGTAGCACAATCTGCCAAAGTTCTAAAGACC  
 CTCCCCAAGACCCCATCACCTCACATGCTTCTCTGTGTGTTTCTTTTTGTTTTTATGGGAGGTTTT  
 GGGAGCAATTTAACTGCCAGTTGTTTATTTTACAAAAGGAAATAAATAGCAGTTGC  
 >GBEQ0456 |Acc|CD535442|Ver|CD535442.1 GI:31577857|LeukoN5\_4\_E03.b1\_A027 Unstimulated  
 peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E03\_A027 3', mRNA  
 sequence.:Start:1:Stop:677  
 AGTGGGAACTTTTTCTACTTTACATACAAGTTCTGTATGTGTAGAAATAAGTAAATATGTATTTAAGGAT  
 AATTTTCATGAGGGAATTTTAAAGGCCATCTGCTAACCTCACAAAAGGTATTAGGTGATGGAAGAAGTA  
 TTCATGTCTTTTCCCTCAGTGATACCATGGGCCCAAAGTTGGAATTGCTCTTTAAATCTTTTAAATAGAT



AGTGGCCATTTTCAGAAGCTCTTAATAGTAATGTTGGCCTCATATTGAACTTTAAACATTTTTTAGAATTT  
TCCTAAAAGTCAAAATATCATGGGTTGAACCACATCAATTAATACAGCACGAGGGAGCCTGTCCAGAGGA  
ATAGCCAGCACTGAGAATTTCCACTCTTGCTGAGAGCTGACCAGTTTGGGGTGATTCTCTTTCTTTTCAGA  
AGTCCTTTTTTGATTGCAATGTGCTACTGGTGTCTAGTTAATTAGAAATTAAGGCATTTCTGAATTGATGT  
AAGTGGAAATATTTTAACTCTAAAAGTTTTTCAGGTTACTTGAATATTTTTTAAAAAATTGAGCTTTATTTCTG  
CTATTTACCCTTTTCATTTTTGTATATCAAGTTATTATACTTAAAACCTGTTATCTTGAACTTTGTGAACC  
AACTTGCTGTATTTGCACCTTGAGCTATTGAAATAAATGTGATTTTT

>GBEQ0457 |Acc|CD535440|Ver|CD535440.1 GI:31577855|LeukoN5\_4\_G07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G07\_A027 3', mRNA  
sequence.:Start:1:Stop:609

TAAGATTGCTGTTTGCATTGCCACTTTGCATAAGGAAGTAATTTTGGGTTTGAAAACTGCAAATTTATA  
GATCTGAAATCCACCCATGTGATCATATTCTAAAGGCCATTTAAAACAAATAGGAGAGTTTAGGGAAGAG  
CATAAAATAATGTGCTTTGGGCGTTTGACTGACTTGGAATCCAAGCTTATTTAATTAAGACTATTAAA  
ATCATTTTTTAAATTATGAGTTAGTTTTGTTGGAAAAGAGAAAATGATCAATGTCAAATTTTCCGCCCA  
ACGTAAATATCCCCCCCCCATGGAATATGCGAGAGAACTATCCCATAGCATTTGATACCCACTAGTCAT  
CGTCTCAATCCATGATCCTGTACGTTGTCATCAAAATATGATTTAGAAATATTGGCCAAGATTTGTTTCT  
TTAACTGAAAAGAAAGCCCCCTGTTTAAATGTGTAAAAGAAAAATGCAGAGGTTATTAAATGTAAAGAG  
GTACAGTCTTTGGATTTGTCTCTACATATATATGGCTCTCCCTTAATATACCCCTTTTTTGTGTTGTGAC  
TTTCAATTGTAATCAGTTAATAAAGTATAAATTTTCTGCATTACAGTTT

>GBEQ0458 |Acc|CD535439|Ver|CD535439.1 GI:31577854|LeukoN5\_4\_H09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H09\_A027 3', mRNA  
sequence.:Start:1:Stop:687

TATGTCCCAACGGCCAAAACCTTATCCCAGTAAATTGGCAAGAAGTGAAAGCCGAAGTGGATCCAACCGAA  
GAGAAAGGGGTGCCCCACCGCTTCCCTCCCACCCGAGGTGATCCTTGCTGCTCTTCTCCACCCAAGCC  
CAAGAGCTACTTGTGTTGTTGCTGTGGAGAGCTGCACACCTTCTTCCCTTCTCTTGTCTCTTCTATATT  
GGCAGTAGGGAAGAAGGGAGGGTGATGTGGGAATATGTGTGGGGGTGGGAATGCAGTGAGAAAGGCACC  
TAGGTTTTTATATTGTGTATATTCTCAAGCTACTGCTTGCTTCCGCTACAGCCCAAGTGTGGGCTGCT  
TGGGGGTGGATAGGCTTTTGTGGCAAGTAGGCAGAGATGAATTTTGTCCAGCTTTCAACCAACCAATC  
CAAACCTTCTACTGCTTATTTCCCTCCAGGCTATAATATTAAAGTCCCTGAGAGCTGTTTGCTTCCCCGCT  
CTTTTGCATGCTTGGCTCCTGTCTGTTTCCATGAACACAGACTCTCTAAGCAAATTGCTGCACGAGGG  
CGTCCCTAAAATTTTTGTCAGTTTATAGGATGTCCAATCTTTGATAGTCTGAAGAAAGCTCTAGGACAGAGC  
TGTCCAGTAGAAATATAATGTAAACCACATATACAATTGAAAATATCTAGTAGCCA

>GBEQ0459 |Acc|CD535438|Ver|CD535438.1 GI:31577853|LeukoN5\_4\_A06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A06\_A027 3', mRNA  
sequence.:Start:1:Stop:438

TCCAGCCACCTTCATCCCTGGGTCGTCTGAAGCGATCCTCTCGATCCCCATCTCTCTCTGTCCCTTTC  
TCTCTCTCTGCTCTGTCTCTATCTCTTCCAGGTCCTGTGTCATTCTCATCAGATCTGGATCCTCTCTC  
TCTCTCTCTTTTTCTCTATCCCATTCACGTTCTTCTGATGGTCTCGATTCTCGAGGTGGACCCCACTCT  
CTTCCCTTGCTTCTCTCTCTCCACTCTCCCTGCTTTCCCAACTCTCCCTCTCTTGCCCCACTTTCTC  
CCTTTGCTTACCTCCCCCTTTTCATTTCAAGTGAATTTGGAGCGCTTTGAAATTTCAATCAAGGTTTCGCT  
TAAGCCCAGAGCCATGGACCCCTGAACTGGTTTGGTCACTGATGCTTTCAAACCTGAAAAGGAAGGAAC  
GAAGAACCATTACCTCAA

>GBEQ0460 |Acc|CD535436|Ver|CD535436.1 GI:31577851|LeukoN5\_4\_G10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G10\_A027 3', mRNA  
sequence.:Start:1:Stop:674

AAGAATCCAGTTTGGCTTAGTGTGTTGAGATGGAATTGGGAATGTTGTTCCAAGATTTGGAATGCAGTCAT  
GCTCACATTACCAAGCTTACTTCCGTCTGTCTGTCAGGAGCATGCAACAAATGTTTGTGTTGCCCTTTG  
CTTCTGCTTTTTTTTCAGGGAAGCTGCTAAAGAATGTCGACGTCGAAAGAAAGAATATGTAAAGTGTCTGG  
AGAGTCGAGTTGCTGTGCTGGAAGTTCAGAACAAAGAAGCTTATAGAGGAACCTGAAACCTTGAAAGACAT  
TTGCTCTCTCTAAAACAGATTAGTATAAATATTTGACTATGAACCTGATTACAACACGTACAGTTGCTTTTG  
AAGGCAATACAAATATATAGCTGACAAGAATATGAGCTTTTCTTTTCTGATCATTCATCGTATTCTCTAAT  
CTCTAACATTCTAAAATGCTTCACTGTACGTAGTTAACTCTTAGCTGTAACCTTCAGTTTTTTAAAGAG  
ACAACTGTAAAAAATGTATGTAAACAAATCTTAAATGCAATATTTGTAAGACTTGTTCATGCCAC  
ATATTTGCAGTTCCCAATCTCTGTCTATGAATAGTGTCTATGCAATAAAATTTTTTGCAAGGCTTTTAAAA  
ATCATTTTTAGGAAAGGATCATCAAGATAATGCATCCAGCAGTC

>GBEQ0461 |Acc|CD535432|Ver|CD535432.1 GI:31577847|LeukoN5\_4\_H05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H05\_A027 3', mRNA

sequence.:Start:1:Stop:654

AGCAACAGATATGTGGAATATTGGTATAATAGCATATATGCTACTAACTCATACGTCCCCATTTGTGGGC  
GAAGATAATCAAGAAACATACCTCAATATTTCTCAAGTTAATGTAGATTATTCAGAAGAACTTTTTCGT  
CAGTTTCACAGCTGGCCACAGACTTTGCCCAAAGCCTTTTGGTAAAAATCCAGAGAAGAGGCCACGGC  
GGAGTCCTGCCTCTCTCACTCGTGGCTGCAGCAGTGGGACTTTGGGAACCTGTTTCACCCCTGAAGAACT  
TCTGGTTCCTCTCAGAGTCAGGATCATGCGCTGCGGTCTCTGAAGACAGGACCGCCAAGTCTCCTGTA  
ATGGAACCTGTAGTGACCGGGAGGACAAAGAGAACATCCCGGAGGATAGCAGCATGGTGTCCAAGAGGTT  
TCGCTTTGATGACTCGTTGCCACTCCCATGAACCTGTCTCAGATCTGCTCTGTTAGCACGGGTCTCTT  
TGACTCGCTTGGACTGCATTTGGAATTTGAAATCCACTCCCATGTGAGATGGTGGTTTGCAGCTTCACAT  
ATGGCATGTTTATATTGTAATGCACTTTTGCATAGCAGAATTTAGGGAAGAGTTTTAATGCTAAATTAC  
TAGCTGCTAGTAGAATTTTATTTT

>GBEQ0462 |Acc|CD535428|Ver|CD535428.1 GI:31577843|LeukoN5\_4\_C02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_C02\_A027 3', mRNA  
sequence.:Start:1:Stop:680

CGAAAACCCAGCTGCCACTCTGGTCAATCCATCCCTTCTAAGGGGCTGAATCATTGTTAATTCAAATGAG  
GATTCACTCAGTGTGGCCAACTGGCATTCAATGTCTAGTTCCGGGAAATAATAATTGTTTCAATCAT  
CAAACAGTCCCTTCGAATACAACTGCTTTGCTAACGAGTGGTCATGATCAACCATCACTCGCACGTGG  
TCAGTGTGGGCACACGGCAGTGGGCTCTCCTCGCCACGCTCACCCTGGTAAGGAGCAGTCAGGCCATCC  
CTCAGGCCAGCCGGTCTGCCGCGACTCGGTGGAGGGGCTCAGTCTGCCCGATGCCTGTGGTCAAGCA  
GAAATTCAGCCCTGAAATCAGGCAAATTCGTTTGTGGACTAAATCCACAGGTCAGTTCAGTCAAAACAG  
GCAAACCTGAGTGGGCGCAGATGCCGCCCGGGGGCCGTGCTGGTGGTGGGGGAGGGGAAGCTTTGAGCC  
CCAACACCCACTGCTCTGCTGCTCCCTGTGGCCAGGGTTCCCGAGGGGGCTGACCCACAGGCGGAGACG  
GGGCCACGGAGGCAGGTTCTCCGGGGTCTGTGGGGGTACGGAGGGAGAGGGCTGTGCTAGGGGCTCCCC  
ACCGGCACCCCTTGGTAATTGTATGTGTGCGACGGGAAGAATTTTCAA

>GBEQ0463 |Acc|CD535427|Ver|CD535427.1 GI:31577842|LeukoN5\_4\_D04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_D04\_A027 3', mRNA  
sequence.:Start:1:Stop:607

AGATCTTCCATACTCATAGTGATTTTTCAAGTATTTGAGCCTAAAGATTTTGATCCTACGTTTTTATAC  
CTGTTTAAATCGTTCACTGTTATTATTAGTCATCCATCAAATAAAGTTGTAATAAAAAATTTACTACAA  
TTATGTACGTTTCTAAGTCGAATACTTATGACTTGTTTAATTACAGGAAAGTATCTTGCCTCCTTGATA  
TTTATAATCCTTTTTTTCTAAATGGAGGTATAATTATATGACTTTTAAAGAACTGAAATACAGATAAAT  
GATTTAAAAAGTCAGAAGTTAAGGAGATTAATGTTTCTGTGGTCATAAAGACTGATTGATAATCCTTGCC  
TATATATCCTGGTAGCATATGACAAATGTTTCTGAGGTAACAAGATGAGAACAGGTTAAAGATTTTGGG  
ATTGGAGAGAAATATTTTAAATTTTAAATGTAAGTAAACAAATTAGAATGTATTCATATTTGTAATTTT  
TGTTAAATATGCATATTTACAGGATTGTTACTTAGATTTTGTGTTTATTCTTGGTGAAAAGCTTTGTTTT  
TTTCTGGTTTTTAAGTTTGCCTCGAATCTTAAGAAATAAATCCACC

>GBEQ0464 |Acc|CD535426|Ver|CD535426.1 GI:31577841|LeukoN5\_4\_E06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_E06\_A027 3', mRNA  
sequence.:Start:1:Stop:609

TAGAGAATGCTAAGAAGCTAGGACTCCGGTGCCACTCGAAAGGGACAATGGTCACAATCGAGGGACCTCG  
TTTTAGCTCCCGGGGAGGAAAGCTTCATGTTCCGCGCTGGGGGGCGGATGTTATCAACATGACCACAG  
TTCCAGAGGCGGTCCTTGCTAAGGAGGCTGGAATTTGCTATGCCAGCATCGCCTTGGCAACAGATTATGA  
TTGCTGGAAGGAGAATGAGGAAGAGGTTTCAGTGGACCGGGTTTTAAAGATTTTGAAAGAAAATGGCAAT  
AAAGCCAAAAGTTTACTCCTCAGTACCATAACCCAGATAGGGTCCATGGAATGGTCAGAGACTCTTCGTA  
CTCTGAAGGATATGGCCAGTTTTTGTCTTATTACCAAACATTAATAATAGCATGGCTGCCAGAGAG  
AAGACGACTTTCTAATTGTACACACTTGGGCAATTCCTGCCTAAGTTTGAACAAATGCAGCTTTTCATGT  
CCTTGGCTGCTAAGGAAGAACATATAAGACAAGCCATTGCATGAGTCAGAGATGCCTATCGGACGTGGAT  
TGCTTCAAAAAACAAAGAACGCAATGACCAGCAATGATTGGGAAAGT

>GBEQ0465 |Acc|CD535425|Ver|CD535425.1 GI:31577840|LeukoN5\_4\_F08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F08\_A027 3', mRNA  
sequence.:Start:1:Stop:562

TGGTGGTGCCTTCTGGAGAGGAGCAGAGATACACGTGCCATGTGCAGCATGAGGGGCTACCTGAGCCCAT  
CACCTGGAGATGGGAGCCTCCTCTTGAGTCCCCATCCTCATTGTGGGCGTCATTGCTGGCGTGGGTCTC  
CTGGGAGCTGTGGTGGCTGGAGTTGTGATCTGGAGGAAGAAGCACTCAGGTGGAAAAAGAGGGAGCTCCA  
CTCAGTCTACAAGCAGTACAGTGGCCAGAGCCCTGTCTGATGTGTCTCTCATGGCAGTGTGAGCCTTTT  
TGGAAACTAAGTGATGCAAGATGTGTTACACCCTCACTCGGTGACTTCAAGAACCCTGACTTCTCTTTT  
TGCAGATGGCATCTGAATGTGTCTGCGTTCTATTAGCATAATGTGAAGAGGTAGGGAGACTAGCCCACT



CTTGCCCANNGGGACCCCCACCCCCCNACACACCATCATGTGATAGTACCGTGGATATATGTATATGCTC  
AAACTTGTAAATTGTATATATTAAATATTTGCAGTTATTTTATATCAGTTATATCTCAGTAAACTGT  
TT

>GBEQ0466 |Acc|CD535423|Ver|CD535423.1 GI:31577838|LeukoN5\_4\_F04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:664

GTTTCAATGTTTATTATAAAAGCCTTGCTAATTTAGTAGTGATGCTTTCTTGGTTGTACAGGTGTACAT  
TTGTAAACCTTCATGCTGTAAATGAAATTCGTTTTATCTCTTTGGGAAACATTTGCATTTTAGTGTACAT  
TTATGTCCCTGCCCTCTTTGACCTGGCATATAGTGTGTAAATGTAAATTTATTTCTCCAAATCGAGAG  
TGATTTTTTAAAAATTTTTATCTTTATATGGTTTCAGAAGTATGAACCAGCTTTCTTTTATTATTGTG  
AGAAACATTTTTGTTTATAACATAGTTGTTAACTCTGTTAATATGGACATGCTAGGATTTGGATCATTTT  
CAAGAAGTCAGGGTATTGTGCATAATAGAAAGTATTGGACTGAGATATTTGGCTACTATGGAGGCCAATG  
CTTTTTCCATCTTATTAATGTGATGTGACTTTTTCTTTGTACAGAAGAGTACTGTATTTTTGAATAGC  
CTACTCCCAAGTAAGAGCAAATCTGTATGATAACATTTTTCTCTGGACATAAGACATAACAGTAACAT  
GATGTACATTTACAGCGGCCCTTATGTACATTTCCCAACAATCTTTTTAAGGCAAAAATTGTGACCCA  
TATGTGTATAATTAATGGTTTTTAAATCCTTTG

>GBEQ0467 |Acc|CD535421|Ver|CD535421.1 GI:31577836|LeukoN5\_4\_A05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A05\_A027 3', mRNA  
sequence.:Start:1:Stop:713

TCAGGGACCCAGAGATCACGCAGCTGGTGAACGCTGGAGTTCTCACCGTCCGAGATGCTGGCAGTTGGTG  
GCTAGCTGTGCCTGGAGCTGGGAGATTTCATCAAGTATTTTGTAAAGGGCGCCACGCTGTCTTGGCATG  
GTCCGGAAGGCCAAGTACCGGGAGCTACTCTTTCCGAGCTTCTGGGCCGGGGTGCTGCTGCGGTGC  
GACTTGGCCTCGCCTACCATGTGCATGACCTCATTGGGGCCAGCTGGTGGATTGTGTCTCCACCACTTC  
TGGAACCTCTCCGCTGCCAGAGACTTGAGGATTCTGCTCGTCTTGCATCTCCCCAGAGTGGGGC  
AAGAGGGGGCCAGGAGTGCTCCCCAGCAGTGGCTGAGACGGGATCACCTTGGGAAGGCTTGGGATCCAGG  
ATGAGTGTTGGGCTTGTGGCCATGCAAGAGTCAGGGTCAGACATGACTGTTGCTGTTTACCTGGGCTCC  
GACCCAGTGGTGGGGTTTGGGCAACGCTTCTCTGCCCTTCCATGGAGGTGGAGCCAGAATCCGTGCCAAG  
GCCATGGCTGCTGCCTTTTCATGTAAAAAGGTGCTGTTGTTACTCTGTCTGGAGATAGGAAGGTGGGCTTT  
CTGGGGAGGGTGGTGAAGGAGGGCAGGGTTCTGTTCCCTACATGTTGGGTTGAACTGCCAAATAAAGTA  
CTTCTGCCAGGAA

>GBEQ0468 |Acc|CD535414|Ver|CD535414.1 GI:31577829|LeukoN5\_4\_A01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_A01\_A027 3', mRNA  
sequence.:Start:1:Stop:613

CCCAGACCAGAAGGTTTGCTAAAAGGTCAGAGTAATGCAGAATGCGTGCCTTCATCTCAGACTTTGTTCA  
TCACAGGTGGATCCCGTGTGCTTCAGTAGACAAGTCACCTTTGTAGCTAGCACCAGTGCCAGCTCCATG  
CCATTGCACCTTCTTTAGTCTTGATTGTCCTTCCCGCATTTATTGGTGTATTAATAAGTGAATATGAA  
CATTAAGGACTCCATGAACCTGGGCTAATGGGAGACTGTAGAGAAAATGAAAAAGATCCCCCGGAGGAC  
ATCTTTGGGGGGAGGGAAGTGGGAGGAGGAAATGACTAATGAAGCTAATTAAGAAGCATTCAAATC  
TGCTTTTACCTTCATTAACAATTAGCAGGGCACTGGCCAGAGTTTGTACCTGTGTTTACCTTAACAA  
CATTCTATTTGCTCCTTTGTATATTTAAGTGTGTGAAGGAAATGTGTTTCAATCAAACTGAACATGAGA  
TAAAGGAAAGAGATGTGGCTTTTGTGATATTCTATCACAACACTTTTATTGTATCTCTGTAAAATACAA  
TGTATGTATGCATGTAAGTGTCTCGTCTAATGTTGCTATTCCATGGCAAAG

>GBEQ0469 |Acc|CD535339|Ver|CD535339.1 GI:31577754|LeukoN5\_2\_G08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_G08\_A027 3', mRNA  
sequence.:Start:1:Stop:624

AGCGCAAAGGGCCAGCTCACCAACATAGTGAAGTCCCACTGCGGCCACACGCCAAGAATCACCCGCTCCA  
ACAGCATCCCCACCCAGAGCGCGCCTTCGAGCTGTACAGCGGCTCTCAAATGGGGAGCACCTTGTCCCT  
GGCCGAGAGACCCAAGGGAATGATTCGGTCAGGATCCTTCCGAGACCCACGGACGACGTTTCATGGCTCG  
GTGCTGTCCCTGGCTCCAGTGCCTCCTCCACTTACTCCTCACAAATCCGGAAGCTTCGTAGGGAACCTGG  
AGTCATCCCAGGAAAAGGTGGCCACGCTGACGTCTCAACTGTCTGCCAACGCTAACCTGGTGGCAGCTTT  
CGAGCAGAGCCTGGTGAATATGACATCCCGTCTGCGTCACTGGCAGAGACAGCAGAGGAGAAGGACACT  
GAGCTGCTGGATTTGCGAGAAACCATAGACTTCTGAAGAAAAGAACTCTGAGGCCCGAGGAGTCATTC  
AGGGAGCCCTTAATGCTCGGAAACCACCCCAAGAACTTCGGATCAAGAGACAGAACTCCTCGGATAG  
CATCTCGAGCCTCAACAGCATCACCAAGCATTCCAGCATTGGCAGCAGCAAGGAAAATGATGCG

>GBEQ0470 |Acc|CD535334|Ver|CD535334.1 GI:31577749|LeukoN5\_2\_B12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B12\_A027 3', mRNA  
sequence.:Start:1:Stop:133

587

CCGTAAATCTTTTGTAAATATTGCCCGACCGTACTCTCACATGTGGCAAAATATGGTTTGGATTTTCTT  
CTTTTTTTTTGAAAGTGGTTTTTTTTTTTTTCCGTCTCTTTGGTTTAAAAAGTTTCACGTCTTGGTGCCCTTC  
GTGTGATGCGCCTCGCTAATGGCTTGACATGTGCAGTTGTGAGGGACATGCTCACCTCTAGCCTTAAGGG  
GGGCAGGGAGTGATGAATTGGGGGAGGCTTTGGGAGCAAAATGAGTAAGAGGGCTGAGCCGAGCCTCGGT  
TCTCCAGAATGTAAGAAAACAAAATCTAAAACAAAATCTGAACTCTCAAAAGTCTATTTTTTTAACTGAA  
AATGTAAATTATATAATATATTACAGGAGTTGGAATGTTGTAGTTACCTACTGAGTAGGCGGCAATTTTA  
TATGTTATGAACATGCAGTTTCATTATTTTGTGGTTTTATTTTACTTTGTACTTGTGTTTGCTTAAACAAA  
GTGACTGGCTTATAACACATTGAATGCGCTTTATTGCCCATGGGATAAATGGTGTATATCCTTGAGAAA  
AATT

>GBEQ0476 |Acc|CD535310|Ver|CD535310.1 GI:31577725|LeukoN5\_2\_F04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:658

AGGCAGGTAGAGTTAGCGACTCAAAGTGGGCCCCAGCGGGGTTTCTGGGGGAACGTCTGGCCATGTGGCA  
CTTGTGATCTGGGTCTGGCCACGTGGCTGTGTTCCGTCTGAAATTCATTGCAGTGTCCACTTAGGATC  
TGTGCCCTTCTCTGTATTATACAAACAGTAAGAAGTAAACATTTTGAATAGGGGAAACTGAGGCACAGA  
GCGGGGAAGGCCAAGGTCACACGGGGAGGAAGTGGCTGAACGGGGACTCAAACCTGGGCTCAGGGCTTCC  
CTCTGAACCGCATGTGTCCCGCCGCTCGCCCCACCCCGCAGAGTCGGCCATGGAGAGAGACCGCTACA  
TGAGCCCCATGGAGGCCAGGAGTTTCGGCATCCTGGACAAGGTGCTGGTGACCCCGCCGAGGATGGGGG  
GGACGAGCCTGAGCTGGTGCAGAAGGAGCCCGTGGGGGCGGCCGCGGCGGAACCCGCCCCAGCGAGCCGC  
TGAGAGCCGACCTCCCCCTCCGGATGCCAGTGGAGGGGCTGCCGGGCCGAGCCCTACCCACCGCTCGC  
TGCTGAGCCTGCAGGGGCCCTTGAGGACCTCCGGATCTGGGGGTGCCCTGAGGGCGGGGATCCTGGCT  
GAGACACTGTGATTTTAAATTAAATCTT

>GBEQ0477 |Acc|CD535308|Ver|CD535308.1 GI:31577723|LeukoN5\_2\_C09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C09\_A027 3', mRNA  
sequence.:Start:1:Stop:650

CTGAAGCTGCATTACGCCCTGGTCAAACCTGGAACACAGAACACACAAGTGACAGAAGCCTGGAACAAAGT  
TGCCCACTCATTTAATTGCACGCCAATAGAAGGTATGCTGTACACCAATTGAAGCAGCATGTTCATCGGT  
GGAGAGAAAACATTATCCAGATCCCACAGACCAGCAGAAGAAGGACCACGAAAAGCTGAATTTGAGG  
TACATGAAGTCTATGCTGTGGATGTTCTCATCAGCTCAGGAGAGGGCAAGGCCAAGGAGCAGGACAGAGA  
ACCACCATTACAAACGAGATCCTTCTAAGCAATATGGCCTGAAAATAAAACTTCACGTGCCTTCTTCA  
GCGAGGTCGAAAGGCGTTTTGATGCTATGCCATTTACTTTAAGAGCGTTTGAAGATGAGAAGAAGGCCCG  
GATGGGCGTGGTGGAGTGCGCCAAACACGAAGTGTACAGCCGTTTAAATGTTCTCTATGAGAAGGAGGGT  
GAATTTGTTGCCAGTTTAAATTTACAGTTCTGCTCATGCCCAATGGCCCCATGCGGATAACCACTGGT  
CCTTTGAGCCTGACCTTTACAAGTCTGAGATGGAGGTCCAGGACGCAGAGCTCAAGGCCCTCTACAGAG  
TTCTGCAAGTCGGAACACTC

>GBEQ0478 |Acc|CD535306|Ver|CD535306.1 GI:31577721|LeukoN5\_2\_B10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B10\_A027 3', mRNA  
sequence.:Start:1:Stop:598

CCCCCTTCATGGCTCACCGCTGTGCCATCCGGCCAGAAAAGCAGGCCCTGGAGCTGGTCTGGGCCAGG  
ATCGCCAGTCCCCTCTGGGGCCAGCTGCTCCTGTTCTGGTCTTTGCTGCCTTCTGCTTTTTGTCTA  
CTATTCATGCAGGCTGAGGATGGCAACCCCTTCTGAATGGAGCCCTGAGGGGCTGGCTTCGGGGCCAGC  
TGTTCTCGAAGTCACTGGCTGACTGCATTAGCAGTGTGCTGGTGGGGGGGGGTTGCTTTTCTGTGTGT  
TCTAGCTTGGGGGTGCTGGGCTTGCCCGGGGGCAGTACTTGCTCCCCCTGACTTGTCTGCCTTGTGTTG  
CCAGGGAGGCAGCCGGCTCAGGCCCTGCGCGCCGTGGTGGGCTGGGCAGGCCTTCTCTGAAGCCTCCT  
GGTCTGCTTGCTCTGACCTTAGGACCAAGAGGGCAAGACCCTTCTCCTGGAGAGGAGAACCTGGTT  
GTTGTCATTGCATGCTTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT  
GTTTTTCATGGACACACAATAAAAGACATTTATTTTT

>GBEQ0479 |Acc|CD535300|Ver|CD535300.1 GI:31577715|LeukoN5\_2\_D10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_D10\_A027 3', mRNA  
sequence.:Start:1:Stop:601

TAGGAACGGGGACTGGACTTTCAGATCCTTGTGATGCTGGAAATGACTCCCCAGCGAGGAGATGTCTAC  
ACCTGCCAGTGGAGCACCCAGCCTCCAGAGCCCCATCACAGTGCAGTGGCGGGCACAGTCCGAATCTG  
CCCAGAGCAAGATGCTGAGTGGCGTGGGGGGCTTCGTGCTGGGGCTGATCTTCTCGGGCTGGGCCTTAT  
CATCCATCACAGGAGCCAGAAAGACCTCGTGGGCCCTCCACCAGCAGGGCTTCTGCACTGACTCCCCGAGG  
ATACTTTGGGATTGGTTTGTCTTCTGTAATGCCCTGCCCTGCTTGAAGAATTCCTAGCTGCCTCTG  
TCAGCCTGTCCCCCTCCGGGGGGGATACAGCTACCGGGTACCTCCTGTAACCTCTACCCTAAGGATGTG  
ACTGTGACGCTGCTTCTCCACTGACCCAGAGCCTCTGCCTGTGCGATTGCTGCCAGCAGCATCTACTC

AAGTCCCAGGGGGGTTTCTGTTTCCATCGTCCCCCACAGACTGTACAAGAGAAGCACTTTGAAGCCAT  
TTACCTGACTATAGAGCTTTTATCATAATTAAACATGATTA  
>GBEQ0480 |Acc|CD535297|Ver|CD535297.1 GI:31577712|LeukoN5\_2\_F07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F07\_A027 3', mRNA  
sequence.:Start:1:Stop:590  
TGCAGTGATGGAGATGCACTCCCCTGTTAGCCAGGTGAGGTCCACAAAGTCCAGGTTCCCTGGGGCAGCC  
ACCTAAGGTAGGCTGGAGCCACTCCCCAACCCCTATGTGCGTCCACTTTATGCCTGTTTCACCTTTCCCTC  
ACATGGGGCGCTAATAACAAGGAGGTAGCCTTGCCCACTCCCAACCNNTTGTCTCCCTCCCCACCCCCC  
AAGGTTCTGGTTCCATCTTCTCTGTTGCAAACTACCTCTGGACAGTTGTGTTGTTTTTTGTTCAATG  
TTGTATCTTAGACATCCGTCATTGCTGCTGCTACCAGCGCCAAATGTTTCATCCTCATTGCCTCCTCCTGT  
TCTGCCCCACGTTCCCTCCTCCAAGATGCTCTGAGGGGAAGGGGCTGGGCGAAGCAGGCTGGGTTACGA  
CTACCCAGTCCCAGGGAAGGTGGGGCCCTGCCCCAGGATGCTGTGGCAGCGTGTGCTGAGGTTGAGGGTGT  
GGGGGCCAGCCACCTCCCNCTGTTTTGTGCGGGGAGGAGGCAGCCATCATCTGTCCAGCCTGGGGCC  
CCCCTCTGGTTTCATATTTGAGTTACTTG  
>GBEQ0481 |Acc|CD535292|Ver|CD535292.1 GI:31577707|LeukoN5\_2\_A04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_A04\_A027 3', mRNA  
sequence.:Start:1:Stop:251  
TAAATACTTAGGCAGTCATGTTGGGGGACAGTTACAATGTTACCGCAGCACGACAGAGTTTATTTCTATA  
CTTGAATCTTTAAGTATAGAAGGTAGAAGTGATTTAAATGGCATGGTATATATATATATATCATTTCTATGCC  
CTTGTAAGAACTTATTTGGGACCTCTTGAAGGAATGGACAATGTTATATATTCTGCTATCTGGATTTTCCCT  
GGTAATTTGATGGAATATTTTAAGTTTCAGTAAATCAGAAC  
>GBEQ0482 |Acc|CD535206|Ver|CD535206.1 GI:31577621|LeukoN5\_1\_G04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G04\_A027 3', mRNA  
sequence.:Start:1:Stop:671  
AAAAGGGAAGGTAAATGGCATAAATATGGTCGCAATAATGGAAGACACATGGCAAATCTTGAAATAGAAT  
TGGGGCAATTACCTTTTGATCCTAAATATTTGACCATCATGATTAAGTTAAATTAGAAAAGTGAACAAAC  
ATGGATGCTTTTCTACAATGTTTGGTGTGAAATTAAGATGAAATTATCAAAATAATGTCTTTTATCATT  
TCTAAGTATCAGTTTGATGGCTTTATATTACTCAGAAGCATCAAGCAAAAGCTTACTAACCTGCATT  
TTCTGTAGCTTTGCTGAATTTTTTTTTTGGCACTGGAAATGTTCAACTGTAGTTTCATTAAGGAAGCCA  
GGAATGCAACAGATTTGTGCATGAAATGAGACTTCCTTTTAGTGTATGAGCTTAAAGCAAGCTCAAATC  
ATACATGACAAAGTGAATTAACACTGATATTGTGTTAAATTTGCAGTAGAGCTTGAAAAAGTACATTA  
TGATGGAATTTTCATCTAACATTTTATAACCTTACACTTGCTTCTGTCTTTTTGTGGGTTCAAGAGCCCG  
TTGACTTGTGAAGATTTGCTGCCTTCTATGAGCTTGCTGACTTGTTCTCTTGTGAAATTTCTTGCACA  
TCTGAATATTTGGAAGAAACAATAAACTACCCCTGGGGG  
>GBEQ0483 |Acc|CD535201|Ver|CD535201.1 GI:31577616|LeukoN5\_1\_C10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C10\_A027 3', mRNA  
sequence.:Start:1:Stop:629  
ACAAGAAGGCCATGGAATCCAAGAAGACATACGAGCAGAAGTGCCGGGACGCGGACGACGCCGAGCAGGC  
CTTCGAGCGCATTAGTGCCAATGGCCAGCAGAAGCAGGTGGAGAAGAGCCAGAACAAAGCCAAGCAGTGC  
AAGGACTCAGCCACAGAGGCAGAACGGGTGTACAGGCAGAGCGTCGAGCAGCTGGAGAAGGTGCGAGGCG  
AGTGGGAGCAAGAGCACCGGACCACCTGCGAGGCCTTCCAGCTGCAGGAGTTTGACCGGCTGACCATCCT  
CCGCAACGCCCTGTGGGTACACTGCAACCAGCTCTCCATGCAGTGCGTCAAGGATGACGAGCTGGACATC  
TCTGCAGGGGACATCCTGGAGGTCATCTGGAAGGGGAGGATGGCTGGTGGACAGTGAACGGAATGGGC  
AGCGTGGCTTTGTCCCGGTTTCTACCTGGAGAAGCTCTGAGGAAGGGGACGAGCCCCAACCTGGACCT  
TCCCTGCTCATGGGGCCAACAGTGCCCCCATCACTGCCCTGGCCCTGCTGGGGCCCCGAGACCGACCTA  
CTCCTCCAGGACAGGTGCTGGCCATTTCCCGGCAGTCACTCCAACAGAGAATAAAGGAGTGCATTTTTTC  
>GBEQ0484 |Acc|CD535200|Ver|CD535200.1 GI:31577615|LeukoN5\_1\_H02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H02\_A027 3', mRNA  
sequence.:Start:1:Stop:719  
CATGAGAAATGTGACTCAGCAAATCAATGAGCGCAAGCGCGCTTTGGAGAATATCGACAAGATTGCCAG  
TGGCAGGCTCTGTCTAGACTGGGAGGTTGAAGACATCTTAGACAGGAGCTCGGAGCCCTATGGCCGCA  
ACCAGCAGCGGGTCTTCTTCTGTTTACCACAGATGGTCTCTGCAAGAAGGACCTGATCCGGAGAGA  
CATCCTGTACTACAAAGGCCGATTGACATGGATAAATATGAGGTAGTTGACATTGAAGATGGCAGAGAT  
GATGACTTTAATGTGAGCATGAAGAATGCCTTCAAGCTTCAACAAGGAGACTGAGGAGATACATCTAT  
TCTTTGCCAAGAAGCTGGAGGAAAAGATACGCTGGCTCAGGGCTTTCAGAGAAGAGAGGAAAATGGTACA  
GGAAGATGAAAAATCGGTTTTGAAATTTCTGAAACCAGAAGAGGCAAGCTGCAATGACTGTGAGAAAA  
GTCCCTAAACAAAAGGTGTCAACTCTGCCGCTCAGTTCTCTCTTCTACCCACCACCGCAGGACCCGT

TAAACCAGGGCCAGTACCTGGTCCCCGATGGCATCGCTCAGTCGCAAGTCTTTGAGTTCACCGAACCCAA  
GCCGAGCCAGTCACCATCTCGGCAAACTTCAGCAGGTTAACCCCTTCAAAAAATAATACCTATAGGGA  
GGCAGATAATTTTAAAAAA  
>GBEQ0485 |Acc|CD535197|Ver|CD535197.1 GI:31577612|LeukoN5\_1\_E10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E10\_A027 3', mRNA  
sequence.:Start:1:Stop:581  
TCAGAGCTAAGTCAAGACAAGCTAGCAGCTGGAAAAAGTTGTTTTAAACCACAAAAACCCCTGGTTACCT  
GCCATCTCATGCTCAGCCTTATCACTCCCCCTTCCCTGAAACTCCCCCTCCCCCGCTGTGTAGTAGGGAC  
CGGGTGGGCGGAGGGTCCCTTTTCCCTTTGGGCTGCGCATCTTTAATGTTACAGAAGGCACGGCTCCTGC  
TGCGAGGCTGTGAATGCTGCTGAGAACCTCCCTGGATGGGACGGCTACTTTATTTTGAAGGAAAGA  
AAAGTCTGTACATATATACATAAAGGCAGATGGCTATATATAAAGAGATAGGGCTGTTTATGAAACAAG  
AAAATTATGGGAAAACCTCAGACTTTACGCACAGTTAGTCCCAGGCCCGAGGCCGGGTGCAAGCCTCCGAG  
AACGGTGTGTAAAGCATCCCCCTCCCCCAGACGTGGGTGAGTGTGAGTGTGGGAGTGCCTTCTAGCATTTGTT  
GCCAGTGGGTGTTTGTTCAGGATATTTCTTTTAAAGTGTCTTTCTTATATGGGTTTTAAAAAAAAG  
TAATAAAAGCTTGTGCAAAA  
>GBEQ0486 |Acc|CD535195|Ver|CD535195.1 GI:31577610|LeukoN5\_1\_G07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G07\_A027 3', mRNA  
sequence.:Start:1:Stop:651  
ATTGAAGTCAGATGGTTCCGGAATGGGCAGGAAGAGGAGGCTGGGGTCTCTCCACAGGCCGTATCCGTA  
ATGGAGACTGGACCTTCCAGACCATGGTGATGCTTGAGACAGTTCCTCAGAGTGGAGAGGTCTACACCTG  
CCAAGTGGAGCACCAAGTCTGACGAGTCTTATCACAGTGGAAATGGAGGGCCAGTCTGAGTCTGCACAG  
AGCAAGATGCTGAGTGGAGTCGGGGGCTTCGTGCTGGGCTGCTCTTCCCTGGGGCGGGGCTGTTTCATCCA  
CCGCAGGAACCAGAAAGGACACACAGGACTTCAGCCAACAGGGCTCCTGAGCTGAAGTGTAGATGATGAC  
ACTCAAAGAAGAACCTTCTGTCCAGCTTCCAGCATGAAAACGTTTCCCTGCTTGGCCCTTATCTTTGA  
CCAAGAGCGTACTTTCTCAGGATTGATTTGGTCTGGTTCAGTGACCCTGCAAAAAATGTCATTCCCTAT  
GGCTTCCCTCAGCCCCCTGGCCTGGAAGTCCCAAGTATTGATTGTGGTACCGTGTCTACATTTCTTT  
CTCCCTCCCATTGTATTCAACCTTATGGCCTCCTATGCACCTGAACCTCACCTCTGCCACATTTATTT  
ATAAAGTTTCTCAAATAAA  
>GBEQ0487 |Acc|CD535193|Ver|CD535193.1 GI:31577608|LeukoN5\_1\_G10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G10\_A027 3', mRNA  
sequence.:Start:1:Stop:551  
CCCAAAGCAGTATTAGAAAACGCATTGAGAAACTTTGCCTGTCTGACCACCGGGGATGTGATTGCCATTA  
ACTACAATGAGAAGATCTATGAACCTTCGGGTAATGGAGACTAAGCCTGACAAGGCCGTGTCCATCATCGA  
GTGTGACATGAATGTGGACTTGTGCTCCCCCTGGGCTACAAAGAGCCTGAAAGACAAGTCCAGCACGAG  
GAGTCAACCGAAGGTGAAGCTGACCATAGCGGCTATGCTGGAGAGCTGGGCTTCCGTGCCTTCTCTGGCT  
CCGGGAATAGACTGGATGGGAAGAAAGAGGTGTGGAGCCAGCCCTTCCCCAATCAAACCTGGAGACAT  
TAAAGAGGAATTCCCAATTATGAATTTAACTTGGTAAGATCACTTTTCATCAGAAATTCACGTCCATG  
GTCAAAAAGGTTGAGGAAGATGAAGCTGGAGGCAGATTCTGCTTTCTCTGGAGAAGGACAGTCTGTG  
GTAAAAAGGGAAGAAAGCCATAAGTTGGGACTCTTGGCTGATTGGAAAATAAAATGATAAA  
>GBEQ0488 |Acc|CD535192|Ver|CD535192.1 GI:31577607|LeukoN5\_1\_B11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B11\_A027 3', mRNA  
sequence.:Start:1:Stop:677  
GATTGTCAACTTGCCGGTAGATGACTTTAACGAGCTGTTGGCACGGTACCCGCTGACAGAGAGCCAGCTG  
GCACTAGTCCGGGACATCCGAAGGCGGGCAAGAACAAGGTGGCCGCCCAGAACTGTGCGCAAGAGAAAGC  
TGGAGACCATCGTCAGCTGGAGCGGGAACCTGGAGCGGCTGGGCAGTGAGCGGGAGCGGCTTCTCCGAGC  
CCGAGGGGAGGCGACCGGACCCTGGAGGTTATGCGCCAACAGCTGACGGAGCTCTACCGGGACATTTTC  
CAGCACCTGCGGGATGAAGCAGGCAACAACCTACTCCCCTGAAGAGTATGTGCTGCAACAGGCTGCCGATG  
GGGCCATCTTTCTGGTGGCCCGGGGGCCGAAGGTGGAGGCCACAGACTGAGCTGGTCCAGAGGGGTGGGA  
CTGGTGTATGGCGATTCTCTTCATTCCCTTCTGATGAAGGTACTCCCCAACCCCTGAGGCCAGGAGCTGTG  
TTCTCTAGACCGGGAAGGGGACAGTGGGAACCTGGCATTTGGGAAGGTCCAAGTGTGTTCTGTGAGGCTC  
GCCTTGAGGGAAGTATGTGAGGGGAGGGCTGGAATCTCTCTTCTGTGATTTCAGCTTCCAGGTCTCCAAC  
GTCCACCTCTTGTGTTGAGCTTTGGTATATAAAGCACTCTACAGAAAT  
>GBEQ0489 |Acc|CD535191|Ver|CD535191.1 GI:31577606|LeukoN5\_1\_G03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G03\_A027 3', mRNA  
sequence.:Start:1:Stop:665  
TCAGTGAGAATACAGAGGGATATTGGAGTCATTAGATTTTCAAGAAAGCGGTTCTTGGGTTAAAGCTGCA  
TTGACTTGGAAGAAGCCAGTTAGGCTGGAAGACAGAAACTCCCACTGGCAGAAAAGCAAGTAACCTAAG

AAAGAAATCCACAAAAGTTCTTGAATTTACCTCATTTAAATGCATTTGTTAAATTTATTTTGCTAAACAA  
AATGAAGTGCCTTTTTTGTCTCTAAAAATGATGTTCTAAATAAAACCTTAACCTTTTTTGTGAAAATGCACTG  
AGTCCTCTGCAGATTTTTTAACTAAATAATAAGCATATCAAAGAAAAACAGAGCAGCTTCAACATAGGAGT  
GGACAAAAGAGCTGTCATTTTCCACATCCTGGCTGCTCAAAGGCTGTCCAGGACGGGGCATCATCAGCTT  
TGGCTGCAAGCTTGTGAGAAATGCAGAACTCTCAGACTCCAACCCAGACCTACTAAATCAGAATCTGCATT  
TTTAATAAGGTCCCAAGGGGTACATGTGCGCATGAAAGTTTGAGCAGCATTGTTCTAAAGGACTCTACA  
GTCAAATTGCATCCATTTTCTATCATGGCACATTAAATGTCTTAATAGTCTATCAATCAAGATTGTGTCT  
GATTGCTTGGAACAGTAACCTTGATAACAATGGATT  
>GBEQ0490 |Acc|CD535185|Ver|CD535185.1 GI:31577600|LeukoN5\_1\_C02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C02\_A027 3', mRNA  
sequence.:Start:1:Stop:587  
TGGTTAATATATATATATATTTTTAGCAGTGACATTCCCTGAGAGCCCCTGAGCTCTCAAGCTCCCCTCTG  
CCAGGGTGGGGGCTGGCCTGGCCTGTCTTCTCTGGGGGTGCCGATGGCGGCCTCTCCCAATGCTTAG  
TAATCAATTCCTTTTCCAAACCTACAAAAGTGGCAAAATGGCCTCTTCTTTTCCGCTGGGACCAAAAT  
TTGGGGGCTCACCATCCCCACCGTACCTCTTCTCTTTCCCTCTGGCCCTTCTTCCCTCTGAGCTCTGT  
GCCCTCAATCCATTCTTGGCTGGAGGTTGGGGACACTGCCCTTCTAGCCTTCCCTCCCAAATATGCCTC  
GCCACAGCTGTGGCTGCAGGGACGTAATTTATAGGGAGGGGCTGTGGTGGCTGCCACTCCAGCCACAG  
CTGGACTACGCTCGGCACACATCTGCGGCCGCTGCCCTGGCAGAGGCCCTCTTGGCTTCTCATTTTTCCA  
TTCCCTCGCTGTGGCTATGGAGTGGGGGTGAGGGGACGGGGAGGGAGGGCTGCCACTGTGGGCTGGG  
GCTTGAAGAATCTGAGTTTGTCTGATT  
>GBEQ0491 |Acc|CD535184|Ver|CD535184.1 GI:31577599|LeukoN5\_1\_D04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_D04\_A027 3', mRNA  
sequence.:Start:1:Stop:634  
TCCAGCATAGCCCTGCTGGTCAAGATTTTCTGTAGCTCCCGGAGGGTGAAGGTGACCAGGCTGGGGGTGA  
CCATCTCTGCTCACATGCTGGTCTTCTCTCTGTGGCCTACCGTTCTCCATCCACTGGTTCTCTCGCAAT  
ACGCATCCAGAATGGTTTCAATACGTTCTTGTACCTTTATATGGTTACGATTGTCTGTCTGGCATC  
AACAGCAGCGCCAAACCCATCATTTTATCTTCTGCTGGCTCCCTTAGGCAGTGGCGTCTTAAGCAGAACCT  
CAAGTTGGTTCTCCAGAGGGCTCTGCAGGACACTCCTGAGGCGGAGGAGGGTGACGGAAGCACTCCTCAG  
GAAACCTGGACATGTCCACTAGCAAGTTGGAGCAGTGATGAAGAGCCCCCTGCTGTGGTCCGTCAGAAAT  
GACTGCGAGAGTCAACGCTGCCCTGCCAGACTGGCAATTACCCCTCTTCTTTGAGCCTCATGCCTTTA  
AAATGTGCCGCGATTTCCCAAGTGTCTTCCAGACAGATTGTTTTTAGTCCAGCTTTTCTAGTTTTTCTCAG  
AGAAAGCATTAGTCTGAAAGCTGTACCTCTCCATCTTCTTACGTTACCAATAAATTTCTCATGTTTTT  
TTCC  
>GBEQ0492 |Acc|CD535183|Ver|CD535183.1 GI:31577598|LeukoN5\_1\_F08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_F08\_A027 3', mRNA  
sequence.:Start:1:Stop:674  
AATTTCAAGTTATTTAAACATTAAGCATTCTTGTAGTATGTGTGTTGAGGCCATCAAAGCTCATAGCTGAT  
TCAGTAACAGTTTTTATGCTGTGTTCATTACACTACTACTGCCATGGTGAAAATGTGGAGGAA  
AAAAGTATCCGTGTGTCTGGAAGCATTATACACTTGTACATTTTTTTTATACTCTGATTCTGTAACAT  
TTCTGAGTTTTTGTCTGTTTTACAGAAAAAAAAGTGATAAAGCAATCAGAAGATCAAGAGGTTTAC  
TATCGATGCTTGGGGTCATCTGACCTTTGCTGGCCAATATATCTACATGGCCAAATTAATTCAGTAGAGT  
AATAATTTTTTCAAAGCCAATTTTTTCTGTATGAAACTGCCAATATCATGAATAGAAAGGGAGAACCAT  
AAAGGAGAAAGAAAGTGACGTGCAGTTGCGTTTGTGTTACCTAGAGGAGCAGTGTGGAGGCAGGCGCAT  
CAGCCCAGCTGTAGGGGCTGATGGTGTGCTTTGGAGGGATCCATACTTGCAATTCGCATTCTTCATAT  
GTAATCATATTGCCAAAGACAAAACATTTTCATCATTTATTGTAAATAACACTTCCCNACAGACCTACC  
ATAACGTTTCTGTGATGAATTGTCTTCCAGTTGCAATAAAATTT  
>GBEQ0493 |Acc|CD535177|Ver|CD535177.1 GI:31577592|LeukoN5\_1\_C09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C09\_A027 3', mRNA  
sequence.:Start:1:Stop:611  
GAGGCCCCATTCTCTGCACTATCTCCATGTTTCAGTTCTAAGGAGTCCCAGCGTGGCATGGGCTACATGC  
CCAAACGTGGCCTGGAGGTGAACAAGTGTGAGATTGCCAGATTCTACAAGCTGCACGAGCGGAGGTGTGA  
GCCATTGCCATGACAGTGCCTAGAAAGTCGACCTGTTCCAGGAGGACCTGTACCCACCACTGCAGGG  
CCGGATGCTGCCCTCAGAGCTGAGGAGTGGCTGGGGGGTCGGAATGCCGGGGCCCCCTCCTCATTTCCCTCA  
AGGATGGCTACGTGCCCAAGAGCCGGGAGCTGAGGGTCAACCGGGGCTGGATACTGGGCGCAGGAAG  
ACAGCACCAGAGGCCAGTGCCTAGCTCGGATGCTGTATCCGGCTGGAGGAAGAGATGAGGAAGC  
TCCAGGCCACTGTGCAGGAGCTACAGAAGCGCTTGGATAGGCTGGAGGAGACAGTCCAGGCCAAGTAGAG  
GACCCAGGGCCTTCTAGCTGGGACCCATGGCATCACCACCTTCCCTTCCATTCTACTCTCTACTCTCTCA



GGCCACAATGGCACATAAAAGAAAAATAATAATAAAATGGCATTATTTTCG  
>GBEQ0494 |Acc|CD535176|Ver|CD535176.1 GI:31577591|LeukoN5\_1\_B10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B10\_A027 3', mRNA  
sequence.:Start:1:Stop:595  
AGGTCCTTGGCCTCTATGGTCTCATCGTCGCCCTCATTCTCTCCACAAAGTAGCCTTTCCAAGCCCACCA  
GCCACAGAATATGATGTAAAGACCACCCCTCCTCATCCAGAACGAACAGCCTGACACACTTGACGGG  
GCAGCTGTCCCCCAGTAGCTGGTCTTTGTAATGCGCAGTGTCTAGTGCCCATTTGTCGTCGCCCCCTGG  
CCTTGCCCCCACC CGCCCCGTGCCGTGGACATCTGGGCCCACTCATTACCCATCCAGGCTCCCGACCACT  
GAGGATGCAGGCCCTGGCCGCCCCCACCNCCTGCCCTAGAGTGCTCTGTGTATAAGGATGAATTAGAG  
TTGTCAATTTCTCTTCACTGGATGTTTATTATAAAGATTTGACCTGTTTCATGCGTCTGTGGAGCAGCCC  
TCCGCTCTCCGGCTATAAAGATAATCTTAGGTAGAGTGTTCCTTGTGGGTTACCGTTTGCTCTGAGACTT  
CTCGGATGGACCCACCTCCTCCAGCCCTGGCTGCCAGCGCCGCGGGGCCGCTGCTGGGCTGCCGGGG  
CCTGGCGCCGAGCCGTGTTCAATAAAGTTCTCGGA  
>GBEQ0495 |Acc|CD535175|Ver|CD535175.1 GI:31577590|LeukoN5\_1\_G02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_G02\_A027 3', mRNA  
sequence.:Start:1:Stop:599  
AGGTTAGGGTCTCCTCTGCTGCTGTAGGACGGTTCCGTACGCGTGTAGCTATGAATGATGCAGAAGATG  
CTACGACTGTACGTTCTCAGTTGTTACGTTTCTAAGTTGTGTGGGAATTATGGACTTAAGTGTGTACAC  
TGCATGTGTGTTGTGTAATAAATAAATACAGGATTCTTTTAAC TAGTTCAAATTATTACAGAGCCAAATG  
TCCATTTTGATTGTCATGCTAGAATTGGAGTTTTTAAGCCATTATTTTATGTTACAGGAATATGTATGT  
TTCTATAGTAAGAGACAAACAATTTTTTAAAGAGAGAAATTTGGCCAATTTACCCAAATTTATCTGGT  
CCCTTTCACTTCTACTAAAATTAAGTCTCTGATAGCATAGGGGTGAGCAAACCTGGTCCATGGGCTGAA  
CATGTTGTGTAAGTGAAGTTCTACTGAAACAAAACCTGACCCATTGTGTTTTTCTGTGGTGTCTTTCCAC  
AATTGCAGAATTGTATGGCCTGCAAGTCTAAAATATTTACTGTTTGGCTCCCTAAGAAAAAGTGACCCCT  
GATCTAATAGTCTGTTGAAGGAAAATGAATCATTAACCT  
>GBEQ0496 |Acc|CD535160|Ver|CD535160.1 GI:31577575|LeukoN5\_1\_H07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H07\_A027 3', mRNA  
sequence.:Start:1:Stop:672  
CAGGAAGAGATGAAAATCCTGAGGGAAGTTCTCAGAAAATCAAAGAGGAATATGACCAGGAGGAAGAAA  
GGAGAGAAAAAAGCAGGTGCCTGCAGAACATGTTAATTTATCAGAGGCTAAAACAGAAGAGCCCCCAGT  
GCATGCTAATGAAATTCGCAAAAATGAATAATCCCAAGGGGATGGTGAACATTTTGCACACCCACCCAAAC  
AGAGGTTAAAGTGCATTTTGGTAATCAGTCAGTACAACCTTTGGCAAGAAAGCTGGAAATGTTGCCTGAA  
ACTTCTCCCTTCCACGAAAGGCCTGAAGATTCCTGGCTTAGAACATACAAGCATTGAAGGACCAATAG  
CATCTCTTTTTTGACCCAGAAATTTATCAACTCTTGGAAACGGAAGAGCTCCGGCAACGAGAACACTACTCT  
CAAGCAGAAGAGATAAGTTGATGTCATGAGAAAGGATGAGGACTAAGCAGATACAAAATTTGGAG  
CAGAAAGGAAAGCCTGGGGAGGTAGAGGAGATGACAGAGAAACCAGAAATGACAGCAGAGGAGAGCAAAA  
CATTACTAAAGAGGAGATTGCTTGACAGAGAACTTAAAGAAGAAGTTATTAATAAGTGATGTTAAAAACA  
GTTTAGCAAAACAGAAGTTCAAATTTTCTTAAAAATAAATTA  
>GBEQ0497 |Acc|CD535156|Ver|CD535156.1 GI:31577571|LeukoN5\_1\_H03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_H03\_A027 3', mRNA  
sequence.:Start:1:Stop:715  
GTTTCAGTCTCCGCCAAGCATCCAGTACAAATAGAAGAGTATTTAAAGGACCCGGCTCAGCCTATCTTA  
GACGCTTGGACAAGGACAGCTCCCAACGGAAGATGCCTGGGACTCTGTGTCCGTGTTGTGTTTCCAG  
AGAAGGAGTAAGAAGATGTTCTCCAAAGCACTTTGAAGCAAAGCATTGGCCTGCTCCACCGGCTGCAGG  
AAGAGGACTGAGCTCCTGAAGCTGCTGATGTCCCTGTCAGGACTTTACGGAGCCCACTACTCCATGTCAC  
TGTCCCAAGAAAGGCCAGTGGCGCCTGGGGAGAAAGCAGTGGGTCTCATCGGGGAGACAAGCTTATTTGTTT  
TTCTTTAAGAATTTTCTCAATCATACAGTCGCTAGGATGATTCTACAGAGATCTCTCAGAATAATTAAG  
ATTTCTCTTAAACACTAAACAGCCTGTAATTATTTGTTAGCAAAATGGCTCTGGCACACCTGTGATATT  
TTGTTTCATTGTCGGTTGGGCCAGGAGTCCGGAGACCGAGTCTCTCCTTGACTCTGACGAGTGAGCTGT  
GGACCTCGGGCAGGTACCTAACCTGTCCCAGCCTGTCCCAGCAAGGGACATTGAGCACCCCTCCACAT  
CCAGTCTCCAGCTTAAACGTGATGAATCCTGTAAATATTTTCTTGTAAATTAAGTGTGTTTTTTTCAA  
GCTAGAAATAAAGA  
>GBEQ0498 |Acc|CD535152|Ver|CD535152.1 GI:31577567|LeukoN5\_1\_E11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:664  
CCCTGTGAACTTTTTTGGCAACAAAGAGAACCCACTGAACATTCTTGGCCTCCTCACTGCTTCTCTCTG  
CCTTCTCAGGAAAGCTGGTGTCTGATTTTGACCATTGGTCTTATTGATTCCACTGGGCGCATCACTTCCC

CAAATTTCTGCCCTCCCTGGAGACTAAGGGTCTGGGGAAAGGGCCCAGGTTGTTGCAAGGGGCTGAAA  
GGATTCTGGGCAGAGGGACAGGATCCTGCTGAAATAATGGGAAGCCCCACAGCTCTCTTCCCCAAGGATG  
AAACTGGAGCAGGCACACCTGGGGTTCTTGGTCAGCAGAAAAGGGGCCCCAGTGGGGTCTAAAGTGAGGAA  
GATCCAGACTGCTCTGCTAGCCTCATGGCAGAGGCTGAGTGCACTGGGGTCTCAGGAGACGGTCCCCTCT  
TTGTGGCAGGGCTGGGAACAGGGGAGGTCAGCCAGACCCCTCCACAGGTCTAAAGTCTCCACTTCCACCC  
ATAGGCCTTATTGCTGTGTTTACAGTGACCTGCCCCAGGCCACTCTCTACAGGGACTGGGGTTTCTGGG  
GTCCACCCTCTGGGTCAATGGTTATTTGATGATTTTCTCTGTAAACTTTTAACCAGGCTTT  
TCCCCATATCAATTTCTGTGATTTATGCCAATAA  
>GBEQ0499 |Acc|CD535076|Ver|CD535076.1 GI:31577491|LeukoN5\_3\_E04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_E04\_A027 3', mRNA  
sequence.:Start:1:Stop:651  
TCATTACAGACAACAGTCTGGTGGCAGCGGGCCACGACTGCTTCCCGGGTCTGTTTACCTACGACGGCG  
CCGCGGGGACGCTGAGCTTCCGGGGGCGGCTGGACGTGCCAAGCAGAACTCGCAGCGCGGCTTGACGGC  
CCGCGAGCGCTTCCAGAACCTCGACAGGAAGGCGAGCTCGGAGGGCGGCGCGGCCACGGGCGCCGGTCTG  
GACTCGCTGCACAAAGAACAGCGTCAGCCAGATCTCGGTGCTCAGCGGGGAAAGGCCAAGTCTCGCAGT  
TCTGCACTACGGGCATGGACGGCGGCATGAGCATCTGGGATGTGAAGAGCTTGAATCAGCCTTGAAGGA  
CCTCAAGATCAAATGACCTGCCAGGATATGTTGCCCTCATCCAGCTGCTGGGGGAAGGGGTGAGGGAG  
GCTACGGTCTGCTTGTGAATGTTTCTAGGGTACCAGTTTGGGGCGCCACAGGAGCTGCTCCCTCAGGAG  
GGGAGGGGAAGGGTGGGAAGCTTTTCTATCTGTTGAAGGAACACGTGCCTTTTCTTAAAGAAATGCT  
TTCGTTTCTTGTAAAAATTATCCCCAAAGCACTCTGCTGGTCATGAAGTCTTCAAACTGGAGGTAATA  
AAAATGCAAAGTAGAAATGCT  
>GBEQ0500 |Acc|CD535073|Ver|CD535073.1 GI:31577488|LeukoN5\_3\_G11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_G11\_A027 3', mRNA  
sequence.:Start:1:Stop:512  
CCCCCATCATTCTCACCCTGCCAGAGGGTCAGGGTTGAAATGAGCTCCATCCTTGTCTTGAAAGAGGT  
GATGATCAAGTCCCTGACCTCAGTGTGAGGTGAGTGGAGTGGGAGGGAAGTTGGAGCTCTGAGAGGCAAA  
GAGAAATGTTAACAATTTGGCTATTACTTTGGATCTACACCTGTCTATACTGGCTGCTGCTTTTATCC  
GCCCAGGCCCTGGAGCCACCCTAAGCTGGCGGGCTACCTGGAGCCAGGCAGTCTGGGTGAGGGGTCA  
GCCCAGAGGAGGGGTCTGGGCTGCCACCAGCCTCTGTAGCCTTTGGGGACCCAAGTGGACGCACCACCT  
TTCCCTCCTCATTGGGTTTTGTTGGGTTTTTTGGGGTTTTTTTGCCTTGGCCACGCCTGACAGTGGG  
GCCGCCCCAGTCAGTTTCACTTCGGGGCTCCCATGCCTAGCCCCAAGGCAGCCTCTTGGGGCTTGTGTG  
GTTTAAGGAATCCCTTAAAAA  
>GBEQ0501 |Acc|CD535067|Ver|CD535067.1 GI:31577482|LeukoN5\_3\_C10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_C10\_A027 3', mRNA  
sequence.:Start:1:Stop:752  
CAAAGGCAAACTGAAGAACAGAGACCAGAAAGAGTAAACCTTTTATGACAGGGGCTGCAGAACAAATCA  
AGCACATCCTTGCTAATTTCAAAAACCTACAGTTCTTTATTTGGTGAACATGAATCCAGATGGCATGGT  
TGCTCTGCTGGACTACCGTGAGGATGGTGTGACCCCGTATATGATTTTCTTTAAGGATGGTTTAGAAATG  
GAGAAATGTTAACAATTTGGCTATTACTTTGGATCTACACCTGTCTATACTGGCTGCTGCTTTTATCC  
ACACAACACCAGGACTTAGACAAATGGGACTGATGTCTCTTGGAGCTCTTCATTTATTCTGACCTTGATT  
TATTTGGAGCGGAGGCATTGTTTTTAAGGAAAAAACATGTCATGTAGGTTGTCTAAAAATAAAATGCATT  
TAAACTCATTTGAGAGAATGCCCTCTTAGTTTAAATCCGTATTTAAATCCATCTTGTGTAGTGTTCCTGGAG  
AAGCTAGAGCCTGGTTGTAGACCACTACTAGAAAGCATAAGACTGCCTTCAGATCACTTCTACAGTGAAA  
ACTACTTCCGGGACTGGAATATAAAAACCAAGAACCAAGTCTTAATCTGAGTTGAAGTAAAGGGGAA  
GACCATGCTCATAGCAGTGCCACATTTGAAGTGGATTCTCAGACATTTATCACCTCCAAACGGAAGT  
AGTTAATCCTGGAAGAGATTACCAAAAGAATAAAAGAGACTAATACAGTGG  
>GBEQ0502 |Acc|CD535066|Ver|CD535066.1 GI:31577481|LeukoN5\_3\_H02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H02\_A027 3', mRNA  
sequence.:Start:1:Stop:437  
AGAGAATGAGGTGTCCGGGAAAAGAGAGAAGGTACAGGAACATAAAGACGAGCTGTGGATCATTTAAAG  
AAAGCTGATGAGATCAATGGAAATCTCTCATGCCTGCTATCTTGCCTGCCTGGAATCATAATACA  
GCATGTGAAGAACAAAAGAAAGAGGATTCAAATCTTACGGGAACCCACAAAATTCATGGTATGCTTGTGG  
TCATTGGGATTTTTTAGGTAAATACTGCATGACCTGAAACATCAAGGTTAGTGTGAAGCAAAACAGAGTC  
AGCTGGGCCAGCATGAGATCACCAGCCACCCTCTGGGTGCAAAATGTTTGCCTGTTGGAATTAGCTTAA  
ATTTAAATGGTGGTTACCAAGGCTTGGGGGTGGGGGAATGGGAGAGATGTTGTTTAAAGGTATAAAGTTG  
CAAACCTTGTGGATAAGT  
>GBEQ0503 |Acc|CD535061|Ver|CD535061.1 GI:31577476|LeukoN5\_3\_B08.b1\_A027 Unstimulated



peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_B08\_A027 3', mRNA  
sequence.:Start:1:Stop:655

GGCGGAGCAGAAGTGTGAAGAGTGGAGGAGCCAATACGAAGCTCTGAAGGAGGACTGGAAGACACTGGGG  
ACCCAGTACAGAGAGCTGGAGAGCCAACCTCCATGTCCTTCAGTCCAACTGCAGGGAGCAGACAGTAGAG  
ACTTACAGATGAACCAGGCTCTGCGACTTTTGGAGAATGAGCACCAGGAACACAGGCCAAGATTGAATG  
CCTGCAGGGGGACAGAGACCTGTGCAGCTCAGACACCCAACACCCTACAAGATCAACTAAAGAGGTCAGA  
GGAGGGGAAACTCGCCCTGGTGACCAAAGTACAGCAGTTGCAGAGTCTGCTTCAGAATCAATCCTTACAG  
CTTCAAGAACAGGAGAACTCTTAACAAAGAAAGGTCAGCAAATTTACTTCCACAAATTTAAGATAGTG  
CTCTTTCTTGTGCTGGCTAGAGGCAGGGGGATGCACATACATGACCTCTCGGAGTCCCATCCAGTTCTGGAA  
CTGTGTTAGGTTAGGGACCTGGGGGAGCTTTTAAAGGACTGATCAGTGGCTCTGAGAACACTTGAACAG  
TTAGCTTCTATCCTGAGAGGTATATAAACTGTGAAAAGGATTTCTACTCCCTTCTGAAAACCATGTTTG  
TGTTGAACATTTCAATAAATTGATT

>GBEQ0504 |Acc|CD535059|Ver|CD535059.1 GI:31577474|LeukoN5\_3\_H12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H12\_A027 3', mRNA  
sequence.:Start:1:Stop:597

CAGACACAAAGAACTTATCCCTTAGGAGATTCCCAAGAAAGTCAACAAGATCCTGTTCCAGAGAGCAAG  
GTCATTGGTCAAGGGGAACAAAGAGTAGGCAGAAAACCTTAGAGGTTCTCAAAGTGAAGAAAGAGGGGGA  
ACTCCAGCCAAGTTCCTGCTCTGAGGCTGTGAACCTTCTTTCATGGAAGCCCAGGCTGGAGGTGG  
GGAGGACAGGGCCAGGTCAAAGCCTTTTACACAAACACTTCTAGAGCTGCCATCCCTGTTCTGCTCTTG  
GGCTCTTGGATACCTCCTGACCCTTTTAGCTCCAGCTTAGGAGGAACATGTCCAGGAAGCTCTTTGAAGG  
CCTCAACGTTTGTGGAGGGACTGCCCCCTTTCTAGCTCCTCCACCCTCTGCCTCCAGTCATCTTAGGG  
AAGAGAGGTCCTGTCCAGATCTCTGCGCTCTCCTTTTCCCTTTGGAATAACTTCTCTTATTTACAGG  
AAGGGAAATGGTGTCTACTCAGGCTCTGGGACTGCTTCTCCAGATAGTCTGGGGCCACAGGTCCCATTA  
ATAAGGGGTGATGTCTCAGAATAAAAGTATTTTTAC

>GBEQ0505 |Acc|CD535055|Ver|CD535055.1 GI:31577470|LeukoN5\_3\_H01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:729

AGCAAGAGGTATGCTGAGGCTGTTGCTCGGGCTAAACAGATTGTGTGGAATGGACCTGTGGGTGATTTTG  
AATGGGAAGCTTTTGGCCGAGGAACCAAGCTCTCATGGATGAGGTGGTGAAAGCCACTTCCAGGGGCTG  
CATCACCATCATAGGTGGTGGAGACACTGCCACTTGCTGTGCCAAATGGAACACGGAGGATAAAGTCAGC  
CATGTGAGCACTGGAGGTGGTGCCAGTTTAGAGCTCCTGGAAGGTAAAGTCTTCTCGGGGTGGATGCTC  
TCAGCAATGTTTAGTACTTTTCTGCTTTTGGTTCTGTGCGCAGCCCTTAAGTCAACTTAGCGCTTTCC  
ACATCTCTACTTTGGCATTAGCTAAAATCTTCCCCATGTCAAGATTCAGCTAGCAGCTAAGAGATGCAGC  
ACCAGGAACCCCTTAACAGTTGCACAGCATCTCAGCTCGTCTTACTGCACTCTGGATTTGCCTACATTC  
TTCAGGATCCCATTTGCAATTTCTTAGGGACTAAACCAATTTGTGCATTTCTAGAATGCATGATTTATATTT  
GCTGTGTTAAAGAAAGTGAGCTGTTAGCCTAGTTCTCTTTTTGAAGTAGCTTATTCTGATTAGCTTTGTC  
ATTGTTTCACTACTCAGCATGGAACAAATGTAATTCCAATTGTAGGTAGGGAGGGAGGTGAAGTTGGT  
GATATGTTAAATAAATAAATAAAGTATCC

>GBEQ0506 |Acc|CD535053|Ver|CD535053.1 GI:31577468|LeukoN5\_3\_C02.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_C02\_A027 3', mRNA  
sequence.:Start:1:Stop:521

AAATTAAAAAAGGAAAATCAACAAAGAATTGATCAGATACAAGAGTCTCATGCCACAGTTATCCAGGAAA  
AAGAACAACAGCTACAGGAATTAAACTCAAGGTTTTTGTATTGTGTCAGACATGAGATGTAAGTTAGAGGT  
TGAACCTTGCCCTGAAGGAAGCAGAACTGATGAAATAAAAATTTTGTCTGAAGAAAGCAGAGCCCAACAG  
AAGGAATTCCTTAAATCTCTCCTTGAACAAGAGACAGAAAATTTGAGAACAGAGATAAGTAATTTAAACC  
AAAAGATTCCAGGATAATAATGAAAATTATCAGGTGGGTTTGGCAGAGCTAAGAACTTTAATGACAATTGA  
AAAAGATCAGTGCATTTAGATTAATTAGTAGACATGAAGAAGAATTTAATACGCTTAAAGCTGAATTA  
AACAAAGTAACATCATTGCATCCCCAAGCAATTTGAAATAGAAAAAACTGAAAAGAGAAATAGTTGAAC  
TGCAGAGTAAATAGACTCAGAATTGAGTGC

>GBEQ0507 |Acc|CD535051|Ver|CD535051.1 GI:31577466|LeukoN5\_3\_A09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A09\_A027 3', mRNA  
sequence.:Start:1:Stop:676

CATCATGTACAAGGGCCGAACGGTGCTGCAGGAGGTGGTGGGCCGCCCAAGATGTGTGTTCTATACGGG  
CCTCCCAGCCTACCTGTTGAGGCCACAGAACTCCAGTGCCTGGCCCTTCCCAGCCCTGCTGAGTTCCCCG  
ACCAGAAACAGCTTCACTACACAGAGAAGCTGCTGCAGCACGTGGCCCTTGGCCTGCAGCTGGAGCTCCG  
GGGGCTTGGGCTGTGGGCCCGGCGCTGGGCAAGTGCAAGGTCTTCTGGGAGGTGGGAGGCCCTGGGC  
TCTGCCAGCCCTCTAGCCCGGCCCGCCTGCTGCCCAGGAAGTGCACACTCCCCTCTCGACTTCAGCA

CCTTCTTCCGAGAGCTTGTGGAGTTCCGGGCTCGCCAGCGCCAGGGCTCCCCACACTACACCATTACCTG  
GCCTTTGGGCAAGACCTGTCTAGCCAGGAGACCCAAAGGAGAAGAGCCTGGTCTTGGTGAAGCTGGAGCCGT  
GGCTGTGCCGGGCGCACCTGGAGGGTGTGCAGCGTGAAGGCGTGTCTCCCTGGACAGCGGCAGCCTAGG  
CCTCTGCCCTGTCCAGCTCCAACAGCCTCTACAACGACCTCGAGCATTTCCTTGACCACTTCTTCATGGAG  
GTGGAGCAGCCCGCTAGACCTGGGGCCCGGACCCACCTGATCC  
>GBEQ0508 |Acc|CD535047|Ver|CD535047.1 GI:31577462|LeukoN5\_3\_H08.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H08\_A027 3', mRNA  
sequence.:Start:1:Stop:688  
CATGGCTGGGATGCTGTAGGGTTTAGGGATTGACTGACTTTGAGAGGTTCTTTAGCAGCAGCAGGCGCAC  
TTGTGAAAGGCTTTTTTTAATTGATGAGCTCACAGGGGTGGTTGCTTTTCTATAAATAAACTAATGAGA  
GCGTACTGGAGCATGCAGTTTGGTTTTGGCTTTTCAGATAGTACTTTGGAAATAAGTTATTATGAGATTC  
AAAATTGTGAACAGTCTTGAAACATCTGTCTGTGAAC TAGTAATTTGATTGTGCTGTGTTATTTTGCTC  
CCTGACAGCTAGTTGCCCTTTTTCAGTATGTGTTTGTTCGTTTGGATTTTTTACTTAATGAGATTTATT  
TTGCTCAGAACTGCATACGTTAACCTATTAATAAAACATTTATTTAGAATCAAAGGCAAACCTGAAGAAC  
AGAGACCAGAAAGAGTAAACCTTTTATGACAGGGGCTGCAGAACAAATCAAGCACATCCTTGCTAATTT  
CAAAAACCTACAGTAACAAATTTGGCTATTACTTTGGATCTACACCTGTCATAACTGGCTGCTGCTTTTC  
ATCCACACAACACCAGGACTTAGACAAATGGGACTGATGTCATCTTGAGCTCTTCATTTATTCTGACCTT  
GATTTATTGGGAGCGGAGCTTGTCTTTAAGGAAAAAACATGTCATGAGGTTGTCT  
>GBEQ0509 |Acc|CD535041|Ver|CD535041.1 GI:31577456|LeukoN5\_3\_H04.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_H04\_A027 3', mRNA  
sequence.:Start:1:Stop:660  
TCATGCAATAAACTGAAAAGAGCCATGCTGTCTAGTCTTGAAGTCCCTCATTTAAACAGAGGTCAAGCAG  
TGGGCGCCTGGCAGTGTCCAGCCTGAAACAAAGCAATAATGTGATGTTTCGGCCAAGCCAGAGCCCCGA  
GATCACAGATGGTATGTCTGGCCAGAGCTCCTCGGCTCTCCCTCTACAGAGTTCCTGCCCTGAGAGA  
ATGTCACCACCTGAGCAGCCCTTGGTGAAGCTGAGAGGAGAGGATGGGGTAAGGCAGCAACGGCAGCTGC  
TGCTCAGGCGGGAGCTTTGGTGGTCTGAAGAGTGATGCCCTGGTGTCTCCAGCCTGCCCGGGTGCACAG  
AGCTTAGAGTGGCCCCCTTCCCTCTAATGAGGTGATAGGACATCTGGCTTGCCAGCGAGGTCTTTTTGAC  
CAGACATATCCTAGCTAATTGATGTCCGAACACCAGAATGTGAGGCCACCCTTCTAGCAGAGTTAACTT  
TTGACAAGGGAACAAATCTCAAACGTATGTGTGTCAGTCACGTAGCCAGCTGTAGAACTTGCGGCTTGAC  
TAGCAGCAGCTGCCCAATGCCATGTGAAGTAACAAACTGGTCTTTGGTTTTTTCCTTCCCTTCAGTTTTA  
ATGTTATGTAATGTGTTTAAACCTTATTT  
>GBEQ0510 |Acc|CD535034|Ver|CD535034.1 GI:31577449|LeukoN5\_3\_A08.b1 A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A08\_A027 3', mRNA  
sequence.:Start:1:Stop:494  
ATAAAAGGCTTCCTGGACAGAGGCTGCTCATTTGCTAGCAGACAGTTCCAAAAACAGACTGTTAGTCTCT  
GCTGCTTACCCGCTGGATTTTTTAGGCATGAGTTTGTAACTTTTTGAAACAAAACATGTGTGGCTTTTC  
CTATTTGGGGGCACACTCTGTTCTTGTGAGCATTATTAATCTTGTGTTGTAATATGTTGACTTTCTCTT  
AACATTTGCCCTGGGTGAGGAGGAAACAGCTGTGTGTGTCAGGTGAGACAGTGCCCTTTAGACTGTGCTTT  
ATTATGTATCCAGTCATGTCTTCTACTTTTCGCATATCTGGACCGGGGTGCAGAAGTGCAATCCTTCGCTCT  
TTCCAGTGGATCCAGCTGAAAAACCCAGGACGGGATTAGAGAGACACTGGTATTTTCTGACTTTTACCAA  
GTTGCTTGTCTTCTTTTCATTTAGAAAGAAAAACCAATTTCTATCACTTTTCAGCACTTAACATTAATA  
TGAA  
>GBEQ0511 |Acc|CD528909|Ver|CD528909.1 GI:31567531|LeukoN3\_8\_E07.b1 A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_E07\_A025 3', mRNA  
sequence.:Start:1:Stop:708  
GAGATCAGGGACATGCTGCTGGCCAATAAGGTGCCAGCTGCTGCCGTGCTGGTGCCATTGCCCTTGTG  
AAGTCACTGTGCCAGCCAGAACACTGGTCTGGGGCCCGAGAAGACCTCCTTCTTCCAGGCTTTAGGCAT  
CACTACTAAAATCTCCAGAGGCACCATTTGAAATTCTGAGTGACGTGCAGCTGATTAAGACTGGAGACAAA  
GTGGGAGCCAGCGAAGCCACACTGCTGAACATGCTGAACATCTCCCCCTTCTCCTTTGGGCTGATCATCC  
AGCAGGTCTTTGACAAATGGCAGCATCTACAACCCGGAAGTGCTTGACATCACAGAGGAAACTCTGCAATC  
TCGCTTCTGGAGGGTGTCCGCAATGTTGCCAGTGTGTGCTGCAGATTGGTTACCCCACTGTTGCATCA  
GTACCCCATTTCTATCATCAATGGGTACAAGCGGGTCTGGCTTTGTCTGTGGAGACTGATTACACCTTCC  
CACTTGCTGAAAAGGTCAGGCCTTCTTGGCTGATCCATCTGCATTTGTGGCTGCTGCCCCGTGGCCGC  
TGCCACCAGTGTCTGCTGCTGCCGAGCCCAAGGTTGAAGCAAAGGAAGAGTCGGAGGAG  
TCGGACGAGGATATGGGATTTGGTCTCTTTGACTAATCACCAAAAAGCAACCAATTCAGCCAGCTTTATT  
TGTGAAAC  
>GBEQ0512 |Acc|CD528907|Ver|CD528907.1 GI:31567529|LeukoN3\_8\_E03.b1 A025 Unstimulated

peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_E03\_A025 3', mRNA  
sequence.:Start:1:Stop:362

GTACCCATTATTTAATTTGAGAAGTCTAAGGGTAGGGCATGAATCCCAGTTCATATATTTTTATTTGCT  
AAAGTGACTGGAGAAGGAGAAATCAGCTTAAGTAGGAGATTAAGTAATCCTTAGAGTTGTAGATATTAAC  
TAGAATATGAATCCTTAGAAAAGTCCCTTTCTCCCTTCAAATTTGTATATAGCCATTTATAGTAGAACCAT  
GCTATTACAAAGAAGTTCACCCCTATGCATTAAAAAAGATGTATCTGTTAACTTTTCTTCGTAGGAGG  
TTATGTCTGTTCGTTTCTACCACTAGAAATCAGCTTATGTTGACATGGTTCAGTTGTCTCTAAATAAATGT  
TTTTAAATGCT

>GBEQ0513 |Acc|CD528905|Ver|CD528905.1 GI:31567527|LeukoN3\_8\_B08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_B08\_A025 3', mRNA  
sequence.:Start:1:Stop:676

ATAACGTTCAAACCTCTGCAGAATCAACAAGATATTTCTCCCTTTCTAGAAAGTTACTGTGGCCCATGTCCCT  
AAAACTGGATATGTTACAGAAATAACTGCTACCAATTTTCTAATGAGAGCAAAAGCTGGACCCAGAGTC  
AAGCTTCTTGAAGTCTCAAAATTCAGTCTCCTGAAGATTTACAGCAGAGAGGACCAGGATTTCTTTAG  
ATTGCTGAAGTCATATCATTGGCTGGGACTAGTACAAAATCCAGCAAATGGATCTTGGCAGTGGGAGAC  
GGCTCCATTCTCTACCCAACCACTAACAATGGTTGAAATGCAGAATGGAACCTGTGCAGTTTATGGCT  
CAGGTTTTAAAGGTTATACGGAAGAACTGTTTAACTCCAAACACATACATCTGCATGCAGAGGATTTTATA  
AAATACAAAGGAGACAAAGACAAAAGCCATTCTCTGAGTGTCTCCATGAAGAAAACCTCCAGAGAAA  
ATTCACCAATGTTTATTTGATTATTTTCCACCTATGACACACAACAGACAATAACCTTACAGGGACTG  
ATGGCCAACAATTAAGAATTTAGCTTCGATAACAATATTTTGTTTAATTTTTTAAATTTTTTGAGTAATG  
GACAGATTCAATTTTTAAATTTATTAAACTTGATATCTAGGTCAAAT

>GBEQ0514 |Acc|CD528901|Ver|CD528901.1 GI:31567523|LeukoN3\_8\_D04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D04\_A025 3', mRNA  
sequence.:Start:1:Stop:645

GTTTAAATTAATACGTAAGTTAACGTAATTTTGAAGTGGTTTTCTAATACCAATGAATTGGTTACCCAA  
AAATATTATTTTATTGGGAATGCAACTGGCAGCTCTTGTTAAATGGGTAGCTCAGGTGACTCGTGGTGCT  
TCGGTGATGCCTTTTGTGTTATTTCTCAGTCACAGCACTTAGCTGGTTTATGGGTTTGTCTATCTCCACTGG  
AGGAAGAGTTTCTTGAGGATGAGAACTGGCATATCACTCTTATTTTACAGTGATTAGCACTGTGCTGAC  
ATGGGGTGCTCAGTAGTTGAAGTAGTGAACATATTTAATTGACTTCACATATAATTAATTTCAAAGGAC  
AGTATAAACTCCAAGATTGCTCAGCATTATGTGAGGAGGAAGAAGAGGAAGATGAAGGAGAAGCTGCAG  
ATATGGAGAATATGAAGAGAGTGGATTGTTGGAAACAGATGAGGCTACCTAGACACAAGGAAAATAGT  
AGAAGCTTGTAAGCTAAACTGATGCTGGAGGTGAAGATGCTATTTTGCAAACCAGAACTTACGCCCTT  
TACATCACTTACGATAAATATTACCAGACACCACGACTATGGTTGTTTGGCTATGATGAGGTAAAAATAA  
AGAAAAAGTTATTTT

>GBEQ0515 |Acc|CD528898|Ver|CD528898.1 GI:31567520|LeukoN3\_8\_A12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_A12\_A025 3', mRNA  
sequence.:Start:1:Stop:699

TATAACAAAGTTCTCACATAGATTCTGTGCTTGTAAACCTGATTTAATGCGGGAACTTGGCCTTAGTCCT  
GATGCTGTCTATGTACTGTGCTACTCTTTAATTCTACTTTCCATTGACCTCACCAGCCCTCATGTGAAGA  
ATAAAATGTCAAAAAGAGAATTTATTCGAAATACCCGTCGTGCTGCTCAAAACATTAGTGAAGATTTTGT  
AGGGCACCCTTTATGACAACATCTACCTTATTGGCCATGTGGCTGCGTAAAAGCACAATTGCTACGACTTC  
AGCTTTTAACTTCAAACCTTAAGCTACCCAAGGACTTATTTAGCGGATAAGGGGGTTACATTAGTGCTGGT  
CATTCAGCCTCTGTATACAATCAAGCTTGAGTGGACAAACTTTTTTTTCTTTTACTGTTCTCTTTTTT  
AGTAATTTCTTGGGAACTAAAAAATTTTGCAGAATTTTCTTAATTTTGCTTATCATGTTTTCACAA  
AGCAGGGCCATTGTCTGACACAGCTGTTTAAAGATGTTAACTGACATTATACTCTAAAAGATGTTATAT  
TTGTGCATTAGATTGCTGAAAACTTTATTCACCTCCATTCTTTTAAAAATACCATGTAATGTGTAC  
ATATTTAACTAAAGAGATTTATTAATCATAATTTATTTTATTGTAAGATTTTAACTAAAGCCTTTCTCTTT

>GBEQ0516 |Acc|CD528897|Ver|CD528897.1 GI:31567519|LeukoN3\_8\_F04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_F04\_A025 3', mRNA  
sequence.:Start:1:Stop:738

GCCAAGCCGGTTCCATTAAACATCAGAGTCCGATTCAGGTTTGTGTAGAAGTATCTAAAGTGAAGATCA  
ATGTTACTGAAATTCCTGATGAATTGCCTGACAAATCAGATGAGAGACAAGCTAGAAGTGAAGCTTTTGTA  
GTCCCGACACGGAGGAGGAGGTTGGAATGCGTGAAGTACGATAAGCGGTCTGGAAGTGTGTCATCACG  
TTTGTGGAACTGGAGTTGCTGACGAGATTTTGAAGAAGAAAGACTATCCTCTTTATACAGATCATAGCT  
GCCATAGAGTTACTGTTTCTCCGTACATAGAAAACACTTGAAAGTTCAGGTATTTTCAGGAATATC  
TAAGAGGACAGTGCTTCTGACTGGAATGGAAGGCCTTGATATGATGGATGAAGAAGTGTGGAGGATTTA  
GTTAGCATTCACTTTCAACGGGAGAAGAATGGAGGTGGTGAAGTCGATGTGGTCAAATGTTCTCTAGGTC

AACCTTACATAGCATACTTTGAAGAATAGACTCATGAGATCATAGCAAAATTGGAGCTTCTGAGCCCCAA  
TCACTGTCACTGTTTGACAAAAATGAGTATCCTTTTCTTAAAAAAGTGAAAACTTTAATTCTTTACTAT  
CATTTATTTTATAGATACAAAAATATGTTTCCACGTTTTTGAATTCTTCTTTTCAAACGTGCTGCATG  
TTCACAAATGCAATAAGTGCCTGAATTAAGAGATT  
>GBEQ0517 |Acc|CD528894|Ver|CD528894.1 GI:31567516|LeukoN3\_8\_C05.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_C05\_A025 3', mRNA  
sequence.:Start:1:Stop:604  
GATGTTAATGCTGACCGAAAGATGGAGATCTCAAAAAGCTTGATTGCAAATGCAAATGCAACTCCTAAAA  
TCAATCGTCTGTACTTGCAAGCTCCAGGAACATTTGTGAATGGGGTATATCAGGTGCATAAGAAAACGGT  
TAGGAATCAATTCGTTTATATGAAATAAAAGATAAATACAGGAAGATAGAAGTCAGGATGTATGGACGA  
CTGGCCCAAAATCAACTGTGGGAAAGGCGATAAACTTAACTAACCTGCTTTGAATTGGCATTAAAGTGAGA  
AGAAGTGGCAGCTGAGATCTGTAATTCACAGTTTCGTCAAGGTCATCAAGGCCAGGAAAAGTAAGAGACG  
ACCACGCAGTCCTTATTCATATATGAAAACCTCACTAGAGTTCTCTTAAAAACCTGGATGCCATTAAATA  
TGATGTTTATGGAGTTAAGATCTAAGCACAGAAAGAAATATATATGGTTGACATACAGCAATGTATATGC  
CAGCTATTAATTTCTATCAATGGGGTGTTACAGGTGCTTTTTGTTTTCTTTTTTATATTTTTCTGTGCCAA  
TTCAATGCCATATTTTTATATCTATATTATTTATAATTCCCCCN  
>GBEQ0518 |Acc|CD528891|Ver|CD528891.1 GI:31567513|LeukoN3\_8\_F07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_F07\_A025 3', mRNA  
sequence.:Start:1:Stop:147  
CAAATCACGATGATGAGTATTTGGGGTGGGTGGGTAAGGGGGGAGTGGGAGGGGATGGAACCAACTTTT  
TCGGTATTTTGTATGGAAGTTTTCTTCAACATGTAACCAATCAGTATCTTGTCATATAGTCACCCGATC  
GATCGCC  
>GBEQ0519 |Acc|CD528888|Ver|CD528888.1 GI:31567510|LeukoN3\_8\_G05.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G05\_A025 3', mRNA  
sequence.:Start:1:Stop:740  
TGGTTTTGCCATGTACTATTTTACCTATGACCCATGGATTGGCAAACGTGTTGTATCTTGAGGACTTCTTC  
GTGATGAGTGATTATAGAGGTATGATTGAGTTCAGGGGGCAGCTCTAAAGAGAATTAGGGCTTGAAGTCT  
TTAAATGACTTTTTTAAATGGTACTTCTCTTTCTTTTAGGCTTTGGCATAGGATCAGAAATCTGAAGAA  
CCTAAGCCAGGTTGCGATGAAATGTCGCTGCCGCAGCATGCACCTTCTTGGTAGCAGAATGGAATGAACCA  
TCTATCAACTTCTACAAAAGAAGAGGTGCTTCTGATCTGTCCAGCGAAGAGGGATGGAGACTCTTCAAGA  
TCGGCAAGGAGTACTTGTCTAAAAATGGCAGCAGAGGAGTGAGGAGTGCTGGTGTAGACGATGACAGCTTC  
CATTCTATTTTGAATAAATCTCAACTTATCTTGCTTTCTATCCTGTTTGTAGTGAAATAATAGAATGA  
GCACCCATTCCAAAGCTTTTATTACAGTGGCGTTGTTGCATGTTGAAATGCGGTCCGTTGGAGATGGTA  
ATCTTGGATGCAGTTTGCCCGTCAGATTTCTCCTTGAACATCTTTTGTCTAAACAACCTAGGTGGTGTGATC  
TTAATGTATATGAAAAAATTCATTCTTGTGAGTCATTTAAATGTGTACAATGTACACACTGGTATTTAG  
AGTTTCTGTTTTGATTCTTTTTTAAATAAATACCTTTGA  
>GBEQ0520 |Acc|CD528884|Ver|CD528884.1 GI:31567506|LeukoN3\_8\_D06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D06\_A025 3', mRNA  
sequence.:Start:1:Stop:584  
GCAGGGCTACCGGGATGGCGTGACATCCTGCTCCAGGGAGTTCCAGTGACCCATCGCCTGCCCGCCGG  
GAGGGTGTGAAGAAGAAGGCAGCCGAGTACCTGAAGCGGGCAGAGGAAATCCTGCACCTGTCCC  
CAGTCCCGCCCTGAGAGGGAGCACACCTTCCCCAGGACTCCAGCTCCAGCACTGCCAGCACCCCTTCG  
CCTTCCCCTGGTGCCTGGCCCTATCTCCTGGTCTCGTAACCTCCAGGGGCCATTTCTGTATGTAAGTGGAC  
CAAGAATGAGAAAAATAACGAATTCTCAGCTCACTGACCACACCTGCCACCTTGGCATCAGGGACTCACA  
CTTCTGATCCTGCCTGTCTCTATCTTGATGTGTGAGCAGCAGCTCTGGTCACTAACTCTGTTTACCCAT  
CTAGAACCGGGTCTGCAAAGTACGGCCTGTAGCCAAATCTGGCCCACTGCCTTTTTTTTGAAGGCCCAT  
GAGCTAGAATGGTTTTTACATTTTTTAAATAGTTGAAAAGAATCAAAAGAATAATATTCCTGTACAGGTGG  
AAATTACATGAAAGTTAAGTATCT  
>GBEQ0521 |Acc|CD528881|Ver|CD528881.1 GI:31567503|LeukoN3\_8\_G08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G08\_A025 3', mRNA  
sequence.:Start:1:Stop:677  
CAGTTGGATCAGGAAGATGCTCAGCGTCTTTATCAAGCTGGTGAGGGGAGACTAGGGACAGATGAGTCTT  
GCTTTAACATGATTCTTGCCACAAGAAGCTTTCCTCAGCTGAAAGCTACCATGGAGGCTTATTCAGGAT  
GGCTAATCGAGATTTGTTAAGCAGTGTGGCCGTGAGTTTTCTGGAATGTTGAAAGTGGTTGAAGACC  
ATCTATTGATCTTGTACAAATAAAGCAGATTTTCAGTCAGATGTATCAGAAGACCCTGGGCACAATGATT  
GCAAGTGACACGAGTGGAGATTACCGAAGGCTTCTTCTGGCCATTGTGGCCAGTAGGGGGGATTTTTTA  
AATGAATGAAGCTATTCAAGCTTATCCTTCAACACAATGACCCGCATGCAGCAATATCAACCATCAACC

ATCGCCTAACCAAAAGAGCTTTTTACCAAGGAGTGTGTGTCAGGGTATTGTGCTTGGTTGCACAGGGGGTT  
ATTGCGCTTAATTCGAATGTTATTTTTTCTCTATACAATTACTGTAAAGCCATATCATAATGATATAGTAA  
TAATGCAATGTTTTTAAAGCACAAATTCCTCACTGTTCTTATTCTAACCAGGATACAAAATTGAATAAAAAAT  
GACAACAATCTCTAATCTGTGTAATAATATTGAATAAAAAAGGTTG  
>GBEQ0522 |Acc|CD528880|Ver|CD528880.1 GI:31567502|LeukoN3\_8\_B09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_B09\_A025 3', mRNA  
sequence.:Start:1:Stop:671  
TCCCCCAAAGAAAATGGAAAAGGTGATATAAAGTCAAAATCTAGATCAAGGAGCCAGTCTCGCTCCAATT  
CACCCGTACCTGCTCCACCCTCAAAGGCTCGTTCTGTGTCCCCCTCCACCAAAAAGAGCTTCAAGATCCCG  
TTCTAGATCTCGTTCAAAGTCAAGGTCACGGTCCAGATCGAGTTCAGAGATTAAACCAGAACTCTCAGT  
TCTTTGCACACTATTACAGAACATTTTCTACTTGTCTAGGCAGTTACTCTTCCACGTTTATACTTGGCC  
TCTTCTGCAGGAGGAGTCTCCTGAAAACAGGGGCGCACAGAAATTTGATTTGTGGCCAAATTTGATGAAA  
AAGATGAGGTTCTAAAGAAATGGTGGCATGAAGTCAAAGACCCCTCTCCCTTCTTTGTAGAATTAAGATAA  
CTTTGATTTTATAGCTTTTGTAGCTAAAATAACTTTTGTAAAGATTAAAGCTCATTAGATTTTTTTTTTT  
TTAAGTATTTTCAGCAGGATCTGCTGCAGGGGTTTGTATTGTTTATTGTTTGTGTTTACTTTAAATTA  
ACTGTTTCAAGCTTTGAATACTTAAGGCTTTAGAGGGAGAACTCAATCTCAATTATGTTGGCTTTTTAT  
AAAGCTTGAGTTATGTAAGATTTCAATAAAAGTTTGTCTACC  
>GBEQ0523 |Acc|CD528879|Ver|CD528879.1 GI:31567501|LeukoN3\_8\_A10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_A10\_A025 3', mRNA  
sequence.:Start:1:Stop:681  
TTTTCCCTTAATTTAAGATTTCCCTTTTTTGAAGGGACTGCAGTTATTTCAGTACTTTCTCTTTCTGTTAA  
AAATATATCTAAGTTGTATGTTTTTCAAAAGTATGGTTCCAATTTGGAGCACCTTGGAACCTTTTGACCCA  
GGAAATTTTTTCATAATTTCTGATTCTTTAAGTGAAGATTGAGTTGGCCATCCTTTTTCTCCTCTCAAGTT  
TTTTGGGCCTACAGAATGTTAAATAATATGTATTTTGAATTTTTTTTCTGGAGTCTTGTATATTTATAG  
TTTTCTATATAAGCTGTAGTATCTTCATGAAGACCAAGGCTCAAATTTACTGTGCTGAAAAACAATTCT  
CATAGGATTATTATTTTCATGGTATTTTCTTCATAATATCTCATTAGAAAAAGAAGGTTCTTTATGA  
ACTTAGTGTCCATTGTGTCATGCAATGTTATTTTTTTTCCATTTTTTCCCTCTAATTTTGAATTTCTGAT  
CCTGGGAAAGAGAATCAACAAGATCTTAAGTCTGTGAGAACTTGGTTCAATTACAGATTTTCACTGAAG  
AAAAATTAATTTGGTCTTATGTAGTCTTCAAGTGTATATTTAAAGAAGTCTTTTTTTGTATTAGTCTCC  
TGTCACCTTCAGTTCTTTTATTATGCGTCATTTTTTTTCTATTAAATGCCA  
>GBEQ0524 |Acc|CD528876|Ver|CD528876.1 GI:31567498|LeukoN3\_8\_G04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G04\_A025 3', mRNA  
sequence.:Start:1:Stop:401  
GAGACCATCCACCCCTCCACCTGCACCGCCCTCTTCAGTTATTTTTTGTATGTCCAGCCCTCCCTCCAT  
TCAGACCCCAACCCAGTGTCCCAAGTGCCCTGATGTAGGGCCCTGACGTGGCCTCAGGCTGCAGAGTCTCT  
CCCCTATCCTGCAGGGACCAACCCCAACCCCAAGCTCCCCACCTGAGGGGGCGCCAGGTTGAGCGCTG  
CTGCTTTCACTGCTGCACCGATGCCCTCGGCTGGCCCTGAGAGGCCTCCTCGTCTCTGCTTGTGAGG  
GCTGGAGACACCCCTGACCTCTGGGAGGCTGGAACTGGGCGGGCTCACCTGCCTGGACATTCCACCTGC  
CCCCTTGCTGCCAGGTTGTGGCTACAGCTACAATAAAAAACCTTGTTTTCC  
>GBEQ0525 |Acc|CD528860|Ver|CD528860.1 GI:31567482|LeukoN3\_5\_B10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B10\_A025 3', mRNA  
sequence.:Start:1:Stop:222  
CATAAAGTGAAAGATATCTGCAATGGCCCTTGAGGGGTTGGGGAAGGAGAGCAAGGACTGGCTGCATTGG  
ACCCAAAAGTGGACAGAGGCTAGGCATCGTCAAGGTTTATGAGTTGTCCAGCTATAAATTCATTTGAGTA  
GCAGCCCTGACAAGTTTTTTGAGGTCAAACCCCTACCATGTGTAAGAAAAGAAATACCATGTTAATAAAA  
GTATTCATTTCG  
>GBEQ0526 |Acc|CD528854|Ver|CD528854.1 GI:31567476|LeukoN3\_5\_D10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D10\_A025 3', mRNA  
sequence.:Start:1:Stop:628  
TGCTTTCCGCTCGGCTCGGAGGAGGCTAAGGTGCAACTCTCTTCGGTCTGTCGCGAATCCGGGTTTCATCCG  
ACACCAGACGCTCCACCATGCCCGCCCAAGTTTCGACCCCAACGAGATCAAAGTCGTGTACCTGAGGTGCA  
CCGGTGGGGAGGTGCGTGCCACGTCTGCCCTGGCCCCCAAGATCGGCCCTGGGTCTGTCTCAAAAAA  
GGTGGGCGATGGCATCGCCAAGGCAACTGGTGATTGGAAGGGTCTGAGGATCACTGTGAAACTGACGATC  
CAGAACCGACAGGCTCAGATTGAGGTGGTACCTTCTGCCCTCTGCCCTGATCATCAAAGCACTCAAGGAAC  
CACAAGAGACCGAAAGAAAGCAGAAAAACATAAAGCACAGTGGAAACATCACCTTTGATGAGATTGTCAA  
CATTGCTCGACAGATGCGGCACCGGTCAATTGGCCAGAGAACTCTCTGGAACCATTAAGAGATCCTGGGG  
ACTGCCAGTCTGTGGGCTGCAACGTTGATGGTTCGCCACCTCATGATGTCTCATGATGACATCAACAATG

GTGCTGTGGGATGCCAGCTAGTTAAGACTTGGTGAGGACAGTACTTCAATAAAGGATCACCTGACAA  
>GBEQ0527 |Acc|CD528853|Ver|CD528853.1 GI:31567475|LeukoN3\_5\_D03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D03\_A025 3', mRNA  
sequence.:Start:1:Stop:680  
AGAGCCCCATGCTACATGAGATGGAAACGGGACCCTGAAAGTGGAGGACTTTTCCATTTTTTTCCTAAGG  
GGAAAAGTTGTGACCTGCCAAAAAACTGACCTTGAATTCAGCCTGGGTGTTGAGGAAGCATCACTCAGA  
ACTATTGATTCAAAGCTGGGTAGTGAATCAGGAGGCTGGGAGCCTTCTCGAAGAAGCTTGTATTGGTACA  
GCTTCCATGTCTGTAGAGAGCACAGGGAGAGAGAGGCTACATGTGGCGTGCCCCACACTGGAAAAGCAG  
GACTGTGAGATCAAAGATGCAATGTAATAGTGTGGTCCAAAAGCATTTAAAATCAATAGCTCTGGGAT  
CATGTGGCCTTACCTAGCTGGCTGTACATCTTTCCAAAACCAGACCATGTTACCACGTAGTGGTTTTAG  
TTTTAGTTTTAGTACCAAGTAAGATTTAAAATGTTGACTATGTGCAAGGGTGTGAAGTTCTTTGGACTCCG  
GATTGTGCTAGTACCGTTGTCTCCTGTAACGCTAAACCTGAAACGGTCTGTGTTTGAATGTTAAATGGTGT  
GTGTAATAGAATGAGTGTGTTATGCGAGAAAACCTACAGTGTCCGTTAAGAGTGGCAAAAACTGTCCGGAA  
GGCAGCTATACCTTGAAGTGGTCTTTTGAATACTTTTAAATAATTTATTTT  
>GBEQ0528 |Acc|CD528852|Ver|CD528852.1 GI:31567474|LeukoN3\_5\_F07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F07\_A025 3', mRNA  
sequence.:Start:1:Stop:630  
TTTGTGACCAAGCCCAATAGTTCCGACCCCTGCTGTGTTCACAGGTGACACCTTGTGTTGGCCGGCT  
GTGGGAAGTTCTATGAAGGGACGGCAGATGAGATGTACAAAGCCCTGCTCGAGGTCTGGGCCGGCTCCC  
TCCAGACACAAGAGTGTACTGTGGCCACGAATACACCATCAACAACCTCAAGTTCGCTCGCCACGTGGAG  
CCCAACAATGCCGCCATTTCAGGAGAACTGGCCTGGGCCAAGGAAAAGTACAGTATCGGGGAGCCACAG  
TGCCGTCCACCATAGCGGAGGAGTTCACCTACAACCCATTTCATGAGAGTGAGGGAGAAGACTGTGCAGCA  
GCATGCGGGTGAGACGGACCTGTGACCACCATGAGGGCCATCCGCAAAGAGAAGGACCATTTCAAGGTG  
CCCCGGGACTGAGGTGGCTGCGGGGCCCTGGGCGCCTATGGCTGCTGCCCCCGCCTTCAAGCGCATTCGGG  
TATCAGATGTTTTAGGTGAATTTCTGCTAGAAGTGTGGAGATTCACTCTTGGTTTAACTTTAAGTTAAT  
TTCAGAGCCCTCTGCTTGTGTTATCAAATGTCTAACGCATATCTATAAGAGAAGCAGCTAGGAAGCGTT  
>GBEQ0529 |Acc|CD528849|Ver|CD528849.1 GI:31567471|LeukoN3\_5\_G05.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G05\_A025 3', mRNA  
sequence.:Start:1:Stop:730  
GTAAGACTTTTTTTTTTCTTTAAACAAATGCTACTTCCAGTTAATGCATTTAGCCCTACGGAATTTTTCA  
GGGACCAGAAAACCTTTAAAGAAAAAGTTCTGCATCTTACAATTGTAAGCAATTTAAATATCGGCTTGGGAT  
TGTTCTGTAGTATTCATTGCTAAAAAATTTATTGTAAGTAACAGTTGGCAAGATCTCCAAGCAGAAAATTC  
CATGTTAAACTTTCGCTTGAAGAATTTGTGTGTGAATGTTAATGGAACACATTTAAACAGAATAAA  
ATTTAAGGTGGCCAGAACGAAAGCCACAAATGAGTGGTCATTTGGTGCTTAGTCTTTGTAAGGGCTCTC  
CATGGTTTTGACTTGCTCCAACCTGCCTTCAATGAGGACACATCCCCTTAAAGCATGTTTCATCAAATACAA  
GACTCGTTCTACAATTTCAATTGGAATCTTAGCCTGAAATGAATTGCTTTAGCCTGATTGAAGTGTGAA  
TAGTGGAGTGGCTATCCTAAACCTTGGTTTATCTCAGTTCACGCTATCAGATTTCTGAGGTAACACAGTT  
CTTACCCAGTGGTAATCTACTTGTAGCCAGAATACTGTATTCATTAAATTTGGACTATGTTCACTTTTGT  
ATTCCTGTGCTTTTTTTTTTGGCGAGCGGTGTATCCCTAGTATAAATGTGTGCTTTTAAAGTTTTGTCT  
CTGTGACTTTTGGAAATAAATTTTTTAAAA  
>GBEQ0530 |Acc|CD528848|Ver|CD528848.1 GI:31567470|LeukoN3\_5\_G01.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G01\_A025 3', mRNA  
sequence.:Start:1:Stop:224  
TCTCCCTTTCTCAGCCCCCTTGATCTCTCTTACCAACATCTCCTCTGATGGAGTGACTGAATTGTGTG  
ATGGCATTGTTGCCTTCCCTTTGGCCTTTGGGCTCCCGTCCCGAGAGGGCCTGGAAATTATAAATAT  
ATATAAGGAGTATATATTGAACCTTTTAAAGTTGTCTTTAGTTTGGGTCTGATTTTCTTTTACAAAT  
ATCAAAATAAAAT  
>GBEQ0531 |Acc|CD528846|Ver|CD528846.1 GI:31567468|LeukoN3\_5\_B02.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B02\_A025 3', mRNA  
sequence.:Start:1:Stop:649  
CCATTGGGGATACTGCAAAAAAATGGGTGAAATGTGGTCTGAACAGTCAGCCAAAGATAAACAACCGTA  
TGAACAGAAAGCAGCTAAGCTAAAGGAGAAATACGAAAAGGATATTGCTGCATACCGTGCCAAGGGCAAA  
AGTGAAGCCGAAAGAAGGGCCCTGGCAGGCCAACAGGCTCAAAGAAGAAGATGAACCAGAAGATGAGG  
AGGAAGAGGAGAGAGAGAGATGAAGATGAGGAGGAGGAAGAGGATGAAGAGTAAATGGCTAT  
CTTGTAATGTGTGTGGAGTGTGCGTGTGTGCTCAGGCAATTATTTTGTGTAAGAATGTGAATTCAAGTGC  
AGCTCAATATTTAGCTTCAGTATAAAACTGTACAGATTTTGTATAGCTGATAAGATTCTTTGTAGAGA  
AAATACTTTTTTAAAGTTCAGGTGTAGCTTTTTGAGGGGCTACTACATACAGTTAGATTTTAAAGCTT



CTGATGTTGAATGTTTCTGAATATTTAATGGTTTGTGTTAATTTCTTGACTTGTGTATGGTAGCACAGCAA  
ACTCGTAGGAATTAGTATCAATAGTAAATTTTCAGTTTTTTAGAATGTTGCATTTTGTGTTTTTAAAAAAA  
TTTTTGTAAATAAATTATG  
>GBEQ0532 |Acc|CD528845|Ver|CD528845.1 GI:31567467|LeukoN3\_5\_C04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_C04\_A025 3', mRNA  
sequence.:Start:1:Stop:370  
TCAGAAATAACTGTTTGTAAAGAAAATTTGTCTCCTCCCCAGTAGTAGGCTCCTGAGTATTTATTAT  
ATGTTGGCAAATCAAATTTTTTAGGTTGAAGACAAGAGGTTATTTTTAAGTTGTGTAGTCTTAGTTGGG  
TTAGGGTTTCAATTTTAGTTAATAAAATACTTAGTTTTGACTTGTGTTGTTCTTTGAATTGCTGTTTTAA  
TAATACTTTTAAATGAGCCCCAAAGAATGTTGAGGTTGAGATTAATTTCTTTTGAACGATGAATTTTTTC  
TGTGTGATGAATGGTTTCCATCCTTTTTCCTTTTGTGTTAATGGTATTGTAATATTGATTAAGCCATGTA  
AAATAAAATGTGTGCCTAAT  
>GBEQ0533 |Acc|CD528844|Ver|CD528844.1 GI:31567466|LeukoN3\_5\_E11.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_E11\_A025 3', mRNA  
sequence.:Start:1:Stop:313  
CAGAGTATTATAGTGTCTCTCTTTTGTGGGCATATAATCATGCACACCCCTTTTATTTTTTTGAGGTG  
GGAGTATATTTTTATTTCTAAATGCCATACTATAAAGATCAAATTTTTGAGTGTGTTTGTGCAGCTCGA  
AATAAAGATCCATTGCGGGGGGACATTGGTTTAGGCGCAAGGCCCTTGAAGCAAGTTTTACTTTGGG  
TGGAATTTTCTTTGTATATTATAACCATTTATTTAACTTGTGTCAGTTTGAAGTAAAAAATTTCCAAAT  
GTATGCTCAACAATAATCATTAAATGTTTGCA  
>GBEQ0534 |Acc|CD528841|Ver|CD528841.1 GI:31567463|LeukoN3\_5\_G08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_G08\_A025 3', mRNA  
sequence.:Start:1:Stop:491  
CTTTCTACCAACCATGTGACCCCGCCAGCCCTGACCCCAACCCGCTCCTCCCTTCTTCGGGGGATGGGAG  
GGAGGAGGCGGCGACTCTTGGGACAGAGGCTGGGCGGTGATGGACTGCCTGCTCCCGCAGCCTGGGCTG  
TCATCAGGGGCAAGGCCATGAACCTGAGCGAGACCCCTGGTCTTGGGCTCAGGGTGGGGCTGGGGCCCT  
CGTGTTCATCAAGACCCCTCTGCGCCGCTCGCCACATCTTCATCACCAGCAAATGCCAGGACCTGGCT  
CCCCATCCTCAGAACTCGCAAGCCATTGCCCGCCGTTGGGGAACCCCTGCTCGGTTGGTGACAGAG  
GGGGTGGGCCAGGGGTGGGGGGTTCCCGCTGTACATACCTGCCATACCAACCCCGAGGTATTAATTC  
GCTGTTTTGTTTTATTTTAATTTTTTTTTTGGTTTTGATTTTTTAATAAGAATTTTCATTTTAAGCAC  
A  
>GBEQ0535 |Acc|CD528838|Ver|CD528838.1 GI:31567460|LeukoN3\_5\_B12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B12\_A025 3', mRNA  
sequence.:Start:1:Stop:647  
TGGAATACCAACAATAGCCCTTTTCAGGAATTTTCAGTCTTAAGGAAAAAGCAACAAAATACCCNACATTTC  
CCACTTCTCTCAATTTTTTAAGCTTAATTTTAGTAACCTATTTACGATGTTTGGACTCTGTTCCGGCCGTG  
CTCTGGAGGCCGATCCTCCCGTGGGTCTGAGCAGCGCCCTTGGCGGCGGCCGCGCCGGGAGTTGGCGTGC  
ACAAGCGTCTGCCAGGAAAAGCCAAATTTCCGTTTGAAGTTAGGGGCCCCGGGCCACCGTGGCTCCGCCG  
TAGCTTGTCCGCGTGGAAAGCGGAGCCCGCACACTGGCGACCGCCGCGAAAAGGTTGCGTTCAATAAACT  
TAGCTTGAGCTTATGCAATGATTGGTAAAGATTTTGGCATTGTAAGAATTAGGGAACGATCATAGAAATA  
TATGTAAAGTATTCAATTTTCAATCGTTTTTCAAATTACTGTTTTAAATTGTTTTGCTGAGTTGTAATAC  
TTTTGAGATACAATGATTCCTTGTACTGAAAGAATGAAAAAGGACTTTTTTCAGCATTTGAGGTAAGTT  
CTTTAACGTTTCATTAAAAACATTTTTTACAAATATTTTGTACATGCACCTTGCACTATTGAGGTTAATCA  
TTTTAATAAATTCGGAA  
>GBEQ0536 |Acc|CD528831|Ver|CD528831.1 GI:31567453|LeukoN3\_5\_A06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_A06\_A025 3', mRNA  
sequence.:Start:1:Stop:676  
GAGGCCGCGGACCTGTGCAAGGCTTTCAACAGCACCCCTGCCACCATGGCCCAGATGCAGAAAGCGCTGA  
ACATTGGCTTTGAGACCTGCAGGTACGGGTTCATAGAAGGGCACGTGGTCATCCCCGGATCCACCCCAA  
CTCCATCTGTGCCGCCAACACACGGGCGGTGATACCTCAGTCCAACACCTCTCAGTACGACACCTAT  
TGCTTCAATGCTCCTCGCCCGAAGAGAGACTGTACCTCGGTACACAGACCTGCCAACGCTTCGAGG  
GACCCATTACCATAACTATCGTTAACCGTGATGGCACTCGCTACACCAAGAAAGGCGAGTACAGAACTAA  
CCCTGAAGACATCAACAATGGCAATGGAGCTGTGGACGACAGAAAGGCAAGTGGGCTCAATGGAGAGGCC  
AGCAGTCTCAGGAGATGGTGCCTTGGTGAACAAGGAGTCGTGAGAGACCCAAGACCACTTTATGACAG  
CCGACGAGACACGGAACCTCGAGATGTGGACATGAAGATTGGGGGTGAGCACCTGCACCTTGACCTTGG  
GAAGAAACCACAGTCAGAGAGAGCAGTCACAGGGGGCTGGGACATTTACAGATGTGATGTGCTACTGAC  
TGCTTCATTCCGGATCTTTTTTTTAAACATAAAATTTTCTACTCCTTT

601



ATTACAGGTTGTTTAACTTTTCCTAAATTCAAATCTATTTTATAAACTAATGTAAATAATCTGTTTATA  
TTTAGAATTCTAACTGGTTTTTCATTTTATACTGATAGCCTAGACCTTCCTTAAAATTTTAGAAATAAA  
AGAAAGGCTCAAGTGGGTTTGTAAAGAATAAAATTCAGCAGAGTAGATTAGCTACTGTGTGTTTATTGTGC  
CAACATGAACTGTAATTTACCAAAGAGAAGTTTCATAATTTGCTTGGTCTTGCAGAAAAGTTCCCTTGAAA  
GGAAAACCTCTTCCAAATAAAATAAACTTCCCAAATTACCAGT  
>GBEQ0542 |Acc|CD528779|Ver|CD528779.1 GI:31567401|LeukoN3\_7\_D10.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D10\_A025 3', mRNA  
sequence.:Start:1:Stop:607  
TTTTGTTTTGAAAATGACTCTGAACATTTATTTCCATTGCAGTTTCTGTGGCCGAAAAGACTTAAGTAAA  
CTTTACGAGTATTATCCTTTAAGATCATTTTAATTTTAGTTGAGTGCAGAGGGCTTTTATAACAAATATG  
GAGAAATTTTGGAGGGTTGTGATTTTCCAGTATTAAACATGCATGCGTTGATCTTGCAGTTTATTTTCT  
CATTGTGTATGTATATATAGCTTTTCTCTGCAGCATGATTTCTCTTTCGATAGTGCCCTTGAGGGCACA  
ACTAGTTATCAGTAAGTATCTTAATCATCATGGCTGCTTCTGTTTTTTCATTAACAAAGGTTAT  
ACATATGTTAGCGTATAGTTTCTTGTACCCACTATTTATGTCTGAATCATTTGTACAAAGGAGTGTGT  
GCTGATGAGATTCTAAGTTTGTGTGTTTTTAAATTTTTTGGAGCAAGGGAAAGGAAAAGCTGTATGCGTT  
TCATTGCTGACTGCAGGTTTCTTTACATTACGTTTCATCAGTCTGTATATACAATATGAAGAATGATCTG  
AAGTAATTGTGCTGATTTATGTTTATCCACCAGTCTTTGATTAAAT  
>GBEQ0543 |Acc|CD528776|Ver|CD528776.1 GI:31567398|LeukoN3\_7\_C01.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C01\_A025 3', mRNA  
sequence.:Start:1:Stop:487  
GAAGAAGAAGATGAGGAGAGAGAATGACTTTGTGAAGTTTGACGCCCCCTTCCTACCAAAGCCCCTGTTT  
TTCAGAAAAGCTAAGAGCAGCACTGCCGCTCCTCTCCGAACCTGCCGTGCAGCTGTACAAAACACCGT  
CCAGCTCCAAGAAGGTCACCTTCGGCCTGAACAGAAACATGACTGCAGAATTCAAGAAGACGGACAAGAG  
CATCCTGGTCAGTCCCACAGGCCCTCCCGAGTGGCCTTCAACCCTGAGCAGAGACCCCTCCATGGGGTG  
CTGAAGACCCCCAGGAGCTCACCTGCCAGCACCCCCCTGGGGACCAAGAAACCGCTGAGCGCCACACCAA  
AGAGAAGGCCGACAGCTATGGACTTCTTCTAGGGTCTGACAGAGTCCTTTTAAAGACTGCTTTTTACAG  
AATATTCTATAAATTATAAATTATGAAGGTGGGGCCTTTTTTATTGTTTTATAAATTTCCCATAAAT  
>GBEQ0544 |Acc|CD528773|Ver|CD528773.1 GI:31567395|LeukoN3\_7\_G09.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_G09\_A025 3', mRNA  
sequence.:Start:1:Stop:636  
TGCACAGGTTTGTGAGGGAGCGCTAAATGTATTTGCTTGAAGTGTCAATCAACCCTGATGATCTATGCCCC  
TTTCTCCTTCTGTTTGGTTAAATCGTAGGCCAATTTCTCTATACCTACAGTTTTCCTAATAATTTTTG  
ATATGACTCCTCTCTCCTCTGCTTAAGGACCTCATTTCTTTAATAAGCTTGTTATTTTGTATATTTT  
TAGTAGGGCCCCAAACAAATGTGTACCAATATAGTTGTTGTTTTATATTAACTTTATACATATCATGAC  
TTGGCTTAGAATTAGGTTTATGATTTTAGCTACTTAGGTAGGCCATTTGGTTATCGTTTGTGACAGAATAA  
TGTGAAGCTAAAGTAATTGCTAAGCTCTGAATGGAAATAAAATGCTCAAGAAAATTAATTGCTTCTGCTT  
TTTTATGTGCTCAAAATAGATATCGAAAGTACTCAGGCATTGAACCTGGGGGTTAAGAGTATTGTTGCTT  
AATCCAATGTATTTGCTTATAGAAAGCAAAATAAAGGTGGACTGTTGAGTAGCAAGAAATTTAAATATGT  
TCTTAAATACTCTGTATTGCTACTGTTTTGGAATTTGCCATTTATGGGCTCCAAAATAAATTTTTTAG  
TGAAAT  
>GBEQ0545 |Acc|CD528765|Ver|CD528765.1 GI:31567387|LeukoN3\_7\_A06.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A06\_A025 3', mRNA  
sequence.:Start:1:Stop:732  
ATCCCAGAGAGCAATGACGGGCCCCGTAAAGTAGTGGTGGCAGAGAATTTTGATGAAATAGTAAATGATG  
AAAAGAAAGATGTGCTGATTGGATTTTATGCTCCTTGGTGTGGTCACTGTAAGAATCTGGAGCCTAAGTA  
TAAAGAATCTGGGAGAGAAGCTTAGAAAAGACCAAAATATTGTATAGCCAAGATGGATGCCACAGCCAAT  
GATGTGCTTCTCCATATGAAGTCAAGGTTTCTTACCATCTACTTCTCCAGCCAACAGAAGCTAA  
ATCCAAAGAAATATGAAGGTGGCCGTGAATTAAGTGATTTTATTAGCTACCTACAGCGAGAGGCTACAAA  
TCCCCCTATAATTCAAGAAGAAAAACCAAGAAGAAGAAGGCACAGGAGGATCTCTAAAGCAGCCAA  
ACATACCACCTTTGTAAAGGACTCTTCCAACAGAGATGGGAACACCATTTGGGGAGGACTGGGACCCATAT  
GGGATTGTTTACCTCTGAGGCTGAGAGGACGGAATGGATATAATCTGAATCCTGTTAAATTTCTCTAAG  
CTGTTTCTTAGCTGCACTGTTTATGGAAATACCAGGACCGGTTTATGTTTGTGGTTTTTGGGAAAATTTAT  
TTGTGTTGGGGGAATGTTGTGAGGGTGGGGGGAATTAAGTTGGGGGTTATTTTCTAATTTTTTTGTAC  
ATTTGGGAACAGTGACAATAAATGAGCCCCCTT  
>GBEQ0546 |Acc|CD528762|Ver|CD528762.1 GI:31567384|LeukoN3\_7\_F03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:568

TCCAGATGTCAGCGGCAAGAGTTAAACATTTTCCAAGTCCAAGTAGAATACATGACCAGTGCTTCCTCCT  
GCCTGTCATGGGGTTCATATTTCTGTGTCTGTGGGAGTCTCACAGACCACTTAGACTACGTGTGCGCAGGT  
CACGATTTACCCCTTGTGTATTTAGATGTGTGGAACATGTATCTGTTAGTGGAAGTTATTTTCGGGAACGG  
AGGGAAAAGCAATATTACTGCGTTTGGGCCCTCAGCCCCAACCTCCCGTCCGCTGTTTTTCCAGCTGCA  
TGCCGCTGCCCCACATGGCTAACTTTGAATATGTATATTTTACATTATGTAAATCCTTAATCAGCCTGTC  
TTGTTTAGACTGTATATGCCATTATATCGGACATTCTTGTAACACTACTGTGTGATCAATAAGATTCTCTGTA  
AGAAATTCCTGCTTTTTTAAAAACAAAAATACCATGCTGAGAGGGGGACTAACATCCCCATTAGTGGGTG  
ATCACTCTATTTATAGGATCTTTAAACAAGTACATTTTAAACAACTAAGGTGAATAAAGGCACAATA  
AAACCTGT

>GBEQ0547 |Acc|CD528756|Ver|CD528756.1 GI:31567378|LeukoN3\_7\_A02.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A02\_A025 3', mRNA  
sequence.:Start:1:Stop:672

GAGCATGCAGTTTGGTTTTGGCTTTTCAGATAGTACTTTGGAAATAAGTTATTATGAGATTCAAAATTGT  
GAACAGTCTTGAAACATCTGCTCCTGGAAGTAAATTTGATTGTGCTGTGTTATTTTGCTCCCTGACAG  
CTAGTTGCCCTTTTCAGTATGTGTTGTTTTCGTTTGGATTTTTTACTTAATGAGATTTATTTTGCTCAG  
AACTCCATACGTTAACCTATTATAAAACATTGTTTTAGAATCAAAGGCAAACTTGAAGAACAGAGACCA  
GAAAGAGTAAACCCCTTTTATGACAGGGGCTGCAGAACAAATCAAGCACATCCTTGCTAATTTCAAAACT  
ACCAGTTCTTTATTGGTGAACATGAATCCAGATGGCATGGTTGCTCTGCTGGACTACCGTGAGGATGG  
TGTGACCCCGTATATGATTTTCTTAAGGATGGTTAGAAATGGAGAAATGTTAACAAATTTGGCTATTA  
CTTTGGATCTACACCTGTCTAACTGGCTGCTGCTTTTCATCCACACAACACCAGGACTTAGACAAATGG  
GACTGATGTCTATCTTGAGCTCTTCATTTATTCTGACCTTGATTTATTTGGAGCGGAGGCATTGTTTTTAA  
GGAAAAACATGTCTAGGTTGTCTAAAAATAAAATGCAT

>GBEQ0548 |Acc|CD528754|Ver|CD528754.1 GI:31567376|LeukoN3\_7\_C06.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C06\_A025 3', mRNA  
sequence.:Start:1:Stop:545

CCCCAAGAAAAAACTGTTAAGAAAGAGTATACCCCATTTCCCCCACCACAGCCAGAAAGTCAGATCGAT  
AAAGAAATGGCTAGTGGTGAATACTTTCTGAAGGCAGTCAGAGAAGCGCCAGAAAATGGAAGCAGTGA  
AGGCTAAACAAGCAGAAGCGCTCAGTAAGAGGCAAGAGGAAAGAAAGAAAGCTTTTATTCCCCCTAAAGA  
GAAACCACTTGTGAAACCGAAGGAAGCTTCTACTGAACTAAATTTGATGTGGCTGCCATCAAGGAAAAA  
GTTAAGAAAGCAAAGAATAAGAAGCTGGGAGCTCTTACAGCTGAAGAAGTTAAGCTTAAATGGAAGCAG  
ATGAAAAGAAAAAGAAGAAAAAGTACCATCCAGAAAAAACTGAACATAAACTTAATAAGCTTCTTCT  
TTTGTAAGGATTTTGAGATACTAGGGCATTAGTTCCCTTATCTGATGAGTATACTCTGATGATTTTTTT  
TCTGAGTTTATTTTTAGAAAAAGTGTATATATAAACACGGGTTCTTTATAACCTT

>GBEQ0549 |Acc|CD528746|Ver|CD528746.1 GI:31567368|LeukoN3\_7\_C02.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C02\_A025 3', mRNA  
sequence.:Start:1:Stop:500

GCCTGCCAGGCACTGCCCCCAGGGTGACGGCCCTGCAGTCCCATGGCGACCGCCACACTGTGCCTTATGT  
CTGCTGGGAGGCCCCGGGCTACACTGTCCCCACAGCGTGCCTCCTCCTGCAGAGCCCTACACCCCAACCG  
GGGTTTGACAGCCTTGGGTGGCCCTGGCAGAGAGACAAGGACACAGACATGCCTTCAGTGTGGGGACAG  
GGGACACTGAGGAGAGGGCGGACATCCCTGGGGAGGGGCCCCAGAAAGCCTCAGCCCTCAGGGAACAC  
AGGGTCCCAGGCCCCAGGGGTAGTGAGACAGGGCAGTCTGTCTTGCGACTGCCTGGGGCGAGTGCAACAA  
TACCCACAGGGAAGGGGCGGGTGGCGCTGGTGCTTTTTTAGGCCCACCATGCTGGGAGAGGCCTGGGG  
ACCCACAGCGGTCAGAACTGGGCCACCTGGGGACCGTGCAATGGGATCAGCATGATTGTCCATTAAACCT  
CCACTCTGCG

>GBEQ0550 |Acc|CD528745|Ver|CD528745.1 GI:31567367|LeukoN3\_7\_D04.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D04\_A025 3', mRNA  
sequence.:Start:1:Stop:628

GAGACTTGAGCCCCACACCGCCCTTTGCACTCCTGGGGCTCAAAGCTGGGCAGCCCGTTGCATGCCAT  
CAACCTTCTGGCAGGGCCACTAGAGACTGGAAGACTCATCAGAAATCTCAATATTCATCGCCTTCATC  
TACCTTCCCTGGGAATTGGAGGGGGTGAAGTCTCAAACCTTAGGAATAGTCAAGGTAGGATGGTCATT  
TAACCTCCCTCCCCAGTACATGGGAGCTTGAGGCAGTGAGAAGATCCAGCCACCAAGGGATACTACAAAC  
CCTCCTCTGATCGCAGGGAGTGGCTGGGAGTCTTGGTCTGAGCTGTGGGGACACCCCACTAGTCAAGC  
CACTAGACAGGATCTGAGGGCTCAGACCTCCATCTCCCAAGAAAGGCATATCTCCCAAGGTTGTGACCT  
GAGTGAGTGTTCACCTTCTTCCCAATAAGAAAAGAGGGAGAGTGGGCACAGCAAAGAGATAAAGACT  
CTTCTCTACCCCCACACAGCAACCGCAGTCCCAAGACTGAGGGGCTACAGGCTGTGAATGGACATTT  
AGCCCTGCCCCACCTCCCCACTGCTGCTCTGAGTCTGTCTGATGTTTTGACTGTACGAATAAATATAA

>GBEQ0551 |Acc|CD528736|Ver|CD528736.1 GI:31567358|LeukoN3\_7\_B09.b2\_A025 Unstimulated

peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_B09\_A025 3', mRNA  
sequence.:Start:1:Stop:277  
CTAAATAGTTTTTTTAAATAGTTTAAACTATTTATCAATATTGATCAGACTTTTAAAAAATTACTTTGT  
AATCCTGCGGACTCCCGGTATGTATTATATATATATATATTATATATTAATATATAATATATGCGGATT  
ATAAAAGTTGAAAAATTGAATCATTATAATATTTTAAAGTTGCTGAATGTATGTTAAACCGGGATTGAAT  
GAGATGTATTTGTTTCTAGAAATTTTGTGTTTTTTTGGAAATGGGATTAAATCCATTTTGAAAGTTC  
>GBEQ0552 |Acc|CD528734|Ver|CD528734.1 GI:31567356|LeukoN3\_7\_H08.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H08\_A025 3', mRNA  
sequence.:Start:1:Stop:658  
GCTTAATGTAAGCAAACCTGAACATTTTGAAACTTGCTCCTGGTGGGCACGTGGGACGTTTTGTCATTTGGA  
CTGAAAGCGCTTTCCGCAAGTTAGATGATCTTTATGGCAGTTGGCGTAAAGCTGCTTCCCTCAAGAGTAA  
CTACAACCTTCCCATGCACAAGATGCTCAATACAGACCTTAGCCGAATATTGAAGAGCCCAGAGATCCAA  
AGAGCCCTCCGAGCACCACGCAAGAAGATTTCATCGCAGGGTCTGAAGAAGAATCCACTGAAAAACCTGA  
GAATGATTTGTAAGCTTAAACCCGTATCGGAAGACCATGCGCAGGAACACCATTCCTCGCCAGGCCAAGAA  
TCACAAACTCCGGGTGGATAAGGCAGCAGCAGCACTAGAAGCCAAATCAGATGAGAAGGGGGTTCCAGGC  
AAGAAGCCTGTGTAGGGGAAGAAAGCAAAGAAGGCTGTTGACGTTAAGAAGCAGAGAAGCCTTTGGTGG  
GAAAAAAGGCTGCAGCTACTAAGAAGTCAGCAGCTGAGAAGAAGCCTGCAGAAAAGAAACCCGCTGCAGA  
GAAAAGAAGCCTGCTGCGTAAACTTGTGTTTATTTTATAAAGGTCACATCATTGTTGGACAGCTCCTT  
TTGAATAAAGACCTGATCAAAGAGACAG  
>GBEQ0553 |Acc|CD528733|Ver|CD528733.1 GI:31567355|LeukoN3\_7\_A05.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A05\_A025 3', mRNA  
sequence.:Start:1:Stop:367  
AATAAAAGCTTTTGTCTGATGGGAAAAATAGGTTTACTAAAGATGAATCCCCCTTTAGATTTTCTT  
ACTCACTTTAAACAGACCCCAAGGTAAATGTTAATAGGGAAGTCCATTTTCCCTATTAGTATGAAGTAA  
GAAATAGTTTAAACAGTGGTTGGAGCAATGTTTTTCCAGTTTCAAATATGGCGATTATGAAGAAACCA  
GATTCATTTGCTGCTATTGTAAGAGTCTTATAATTAATAGTAATTCCTTAATTTTGGATTGGGAGCT  
CACTTATTTTGGGCTGACTATCCCAATTTAAAGAGCCCAAGTGTCATTGTGCTCTGTGTATTTCAGTGAT  
AAAGTTCCCGAATCCCC  
>GBEQ0554 |Acc|CD528634|Ver|CD528634.1 GI:31567256|LeukoN3\_3\_F03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:543  
AGGAGGACGAGGACGATGAGGATGAAGATGATGATGATGATTTATCTCAGGGCTATGATAGCTCAGAAAG  
GGACTTCTCACTCATTGATGATCCTATGATGCCAGCCAACTCAGACTCCAGTGAAGATGCTGATGACTGA  
AGCCACAGCATGGTCCCATGCTTGGGTGGCTGCTGTATTTCATTACTCTGGCCCTTGGACTATGGA  
AAAGTGGGAGGGGCAGGGGAGATGTGGGGAACCCAGGACTCCAGGAGGTGAAAAGGAAAGAGAAAACCT  
GTACCTGATTGCTTCCAAATTTGAGAGGATTGGGTGGGCAGGGGATCTCCTAAATAATACGTGACCACT  
TCCTCATTCTGGGGAAGGACAGGAGACTAGAGCAGCTGATGCGCTCACCCCTCCCTAGACACCTCCATT  
AACCACAGACTATGTAGCGCTGGCCAGCCTCTGGCAGAGCCTGTTCTGGCCGAACTGTGGATACAGCT  
GGAGGGTCAGGAACATTACCTTCCCTTCCCTTGGCATTAAATAAATTTAAGTT  
>GBEQ0555 |Acc|CD528632|Ver|CD528632.1 GI:31567254|LeukoN3\_3\_H07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H07\_A025 3', mRNA  
sequence.:Start:1:Stop:467  
GCAAGAATGCCCAATATTTTGATAATTGGCATTGGGTCAAAAATAAATGTGATAAAATTTTAAATCTATA  
AACTTTTATCAAATAAAGTTTTGTTTTCCCATTAAGTATTTTCATTACTTTCTTATTTAGAGGCATTAC  
TTTTCTTTCTTTTAAATATTGGTCAATTCCTGATGTAAGGTGTGAGGTTCCCAAGTTGTATTCCAGTATTC  
GAGATAGATTCTGATTTTTTCAATTAGGGAAAGTAAATCCAAAATGTTAGCAAAACAAAGTCAATATT  
AAATGTTTGTCTTATAGATTATATTCTAGGGCGGTTGGGAATTTCTCTTTTTTTTTTTTCTTTTTTATT  
GGGGGCGGAATATGTCCTTGTAGGCTCTGTTTTGAGAAAACAATATGTGGGAAATGATTTAATTTTCTCT  
ATTGCTCTTCTTGTGGAAAATAAAGTGTTTTGTTTTTCTTTTTT  
>GBEQ0556 |Acc|CD528629|Ver|CD528629.1 GI:31567251|LeukoN3\_3\_E09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E09\_A025 3', mRNA  
sequence.:Start:1:Stop:578  
AGAGTGAGGATTAACACAGGACCTGAACATTCAAAGAAAGCTTTGGAGAAAATCAGCTTGCTTGCCCTAA  
AAACCTAAATATATGAAGATTGTAGGACTATCTTCCAGTCCCATGTTGTTGGTGGGGCGATGGTTATT  
TTACACAGTTTCGACGGGAGAGAGGGGCGTGCAGGACGGGAACAGGTGTTTGTCTCTCTAAGAGCCTTCAC  
ACACAGCCCTGAAGAGTGAGGACACAGTACATAGCGCTAGCCAAGTGGTTTTGAAAGTAAAGTATATTCA  
TAAGGAAAAATAATTCTCCTGTTGTACAAAACCTATAGCCACTGCAAGAGTAGTAGTCAAGTGTCTAGGT

CTTTGATATTGGTCTTTTGGTTAAACAGTAACTTAGCTTAAGTAGACTCTACAGTTGTATGAATTTGTAA  
AAGTATTATATGAACAACCTAGTGAGGTTTCAGATTCTTGTAAGTGTAGCTGAATAGTCATTGTATTTTCT  
TGTGAAGTGTGTTTAAATGGTTTACCTCAAATCAGAAAACAAATGAAGTGCTTTGGTCAGTTAATAAAA  
TGGTTTACCCAGTAAAA

>GBEQ0557 |Acc|CD528623|Ver|CD528623.1 GI:31567245|LeukoN3\_3\_H12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H12\_A025 3', mRNA  
sequence.:Start:1:Stop:746

GGTTCATCCGCTGAGATTGAAATTGATTGCTAAAGAATGGAGAGAAGATGAAAGTCGACCGGTCAGA  
CCTGTCTTTCAGCAAGGACTGGTCTTCTATCTTCTGGTCCATACTGACTTTACTCCCAATGGTGTGGAT  
GAGTATAGTTGCCGTGTACAGCACTCTACTCTCAAAGATCCCCTGATAGTTAAGTGGGATCGAGACCTCT  
AACCAGCATCATGAAGGCTTGAAGATTCCTCATTGGATTGACTAGTTCCAAATTGTGCTTACTCTTTA  
ATACTTACATACTTTTCATGCTTATGCACATAAAATCAGGAAGCTGTACTGATCTTAATACAAATATTAGC  
TTCTTTATAACTCTACTTTGGCCGCTATGTCTCCTTGTGTTGACCTGTGTGGCAGGTAGCTAGAGGGAGA  
TCCTGGCAGCTTAGAAGTGGGTGGGAAAGAATTCACATGTTAAACATGAACATTTTGGTCAGATATGAAC  
TCTTCAGTTTCTTGTGCACACAAACTGGATATCAGATAGTTATGTAGGTTTAGAGTTAATCTTCAGTT  
TGAATACTTTGCTTAGAATTTGAGAAAAATTTTTTGAAGGATAATTTTCAGAAGTATTGGAAATTTGTTA  
TCATGGATGATTTTTTTGGCGAAATTCATATTTACCTCTTACACCTGTTTAAAAAAAAGACATGGTGG  
AGGACATTTGATTTTTCTGTTTCACTAATTAACAATGGTAAAAAC

>GBEQ0558 |Acc|CD528621|Ver|CD528621.1 GI:31567243|LeukoN3\_3\_B11.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B11\_A025 3', mRNA  
sequence.:Start:1:Stop:693

AGGAACAGCCATAATCCCTTGAATGATTGATTAATTATTGACTGTCTTACTCCATTGGAAGCTCGTGT  
TTATAGGAACCTGTAGGGCTCATTGGTTTTACTGAAATCCCATCTAATTATAAATTAGCTGTAGATACCA  
CGTGCTTCTGATGAAGTGAATAGATATCTAGCCTGTGGGAACCATCATGGTTTCTCATCTATCATGT  
AGAAGATTATATATGGATACATTAACATAAGAGTGGGATGTTTTCCCTTGGACTTGAATATTATCCC  
TGTATATTGCATGAATGAGAGATTTCCCATATTTCAACCAGAGTAATAACTTGCTTTAATCTTAAGCAT  
AAGTGAACATGATATAAAAAATATATGCTGAATTACTTGCAAAGAATGCATTTAAAGCTATTTTTAAATGTG  
TTTTAATTGTGAAGACATTACTTATTAAGAAATTTGGTTATTATACTTACTGCTTTAATCTGGTGGTAAAG  
GTATTCTTAAGAATTTGCAAGTACTTTAGATTTTCAAACTGAATGAGAGAGAACATTGTATAACCGCCC  
TGCTGTTCCCTTTAGTGCAATACATAAACTCTGAAATTAAGGCTTATTTTTCAGTGCATTGTTTTAAAGG  
CTACAAATACCTATTTCTTAACTTGCTTAATCCATAATAAGATATGTTACTGTCCGTTTTT

>GBEQ0559 |Acc|CD528619|Ver|CD528619.1 GI:31567241|LeukoN3\_3\_A02.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_A02\_A025 3', mRNA  
sequence.:Start:1:Stop:542

AAATGGAAGTCAAAGGTCGAGATTTAAAGGAAAAGGAAAGGGAAATAAAGCTGCCAGAGTGGGCTGT  
CTAAAGGAAAAGTACAGTTTCAGGGCAAGAAAATAAATTTGATAGTGATGATGAACATGATGAAAATGG  
TGCATCTAGACCAGTAAAAAGAGCAAGAGAGAAACAGACAAAGAAGACCTGCATCAAAGCAACAGAAA  
ACAGAAAATGGTGCCGGAGACCAAGTAGTTTAGTAACAAATTTTTTATTCACTTTAATTAGGTTTTAAGC  
TGCTTTTGTTTTTGGAGGCTTTTAAAAAGAAAAGCGAATTAGGTCCACTTCAATGTCCACCTGTAAGAAA  
GGAAAATTTTTGTTGTTTAACTTGCTTTTTTTTGTATCCAAAGGAGGATTTTTTTTTAATGTATAGTT  
CTGTTTGTGTTATTTTCAAGATGATTCAAATATCGAAAGAAAAATTTCTTCCACTAAATTCCTTTGTAATAT  
GAGAATGTATTAGTACAACTAATAAAATATATATACTATATAAAAGAGCAAA

>GBEQ0560 |Acc|CD528615|Ver|CD528615.1 GI:31567237|LeukoN3\_3\_C01.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C01\_A025 3', mRNA  
sequence.:Start:1:Stop:277

TAAAAACGGTATGTTCTTGGCTCATATATTCTGCTGTGGTTGTGTCCACACTGGGAATATTCCTCTTATA  
TATAGTGAGTGTGTACCCTTGAGAAATTTTGTCTATTATGAAAAATTAATTTTTCTGCCCATATGA  
CTGAGTAAAAATAGAATGGTAACCAAAAGCAGTGTCAAGTAAGAATTTCAACACAGCCACATTTTTTTA  
ATGAACTACTATCAGAAGTAAATTAATTTGTTGTAATAAAGTCCAATTTAATAAAATGTACAGC

>GBEQ0561 |Acc|CD528611|Ver|CD528611.1 GI:31567233|LeukoN3\_3\_C08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C08\_A025 3', mRNA  
sequence.:Start:1:Stop:617

GGCACCAGCCCTGCCCGCTCTGGCGCAGGCCCCAGCCCCCTGCCCGAGCCATGGCATCAGCTTTGGCC  
CAGGCCCCAGCTCCCGTCCCTGTCTAGCCGAGGCCCTTGCTCAGGCCGTGGCCCCGCTGCCCCAGGA  
CCACCAAGCTGGGGAAGTGACACTGACGGAGGCCCTGCTGCAGCTGCAGTTTGATGCTGATGAAGACCT  
GGGGGCCCTGCTCGGCAATAACACTGACCCGGCCGTGTTACGGACCTGGCATCTGTGACAACCTCTGAG  
TTTCAGCAGCTGCTGAACCAGGGTGTCTCTATGGCCCCCACACAGCTGAGCCCATGCTGATGGAGTACC

CTGAGGCTATAACTCGCCTGATGTCAGGGTCCCAGCGGCCCTGACCCAGCTCCCCTGGGGG  
CTCTGGGCTCCCCAACGGTCTCTCTCAGGGGACGAAGACTTCTCCCCCTTTTCTCAAGTGCCTTAATAG  
TAGAGTTTGGAGAGTGGGGGAGGGCAGGCTGGCAGCTCCTCAGTCAAGAGGCTCAGTTTTTACAGAAGA  
TTCAAAGCAGCTGGACTCTTGCTCTTTCTACTGTCAACTAATAAATTCATTGCCAAG  
>GBEQ0562 |Acc|CD528604|Ver|CD528604.1 GI:31567226|LeukoN3\_3\_G12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_G12\_A025 3', mRNA  
sequence.:Start:1:Stop:694  
AAAAAAAAATAGATGCATTGATTAAGTTCCTTGCTTAACACAGCTATGATGCAATCATGTTTC  
TAGGTCGCTTGCCCCAGTGAAATATGCACATGTATGTTATGGAACCGGGATGGCAAGTAAGTTTAAATG  
GCATCCTTTTGCAGAGAGCTCAGACTTTTAATTAACCTTTATAAAATAGATCAGCATTCATTGTCCAAGG  
CTGGTTTTCTTGGGTCTTTGCTGAAAAATCTTAGTAGTTTCCCCCTTTTTTAAACAACCTGTGATCATG  
AATGCCACTATCTCTCAGATATTTGAACTTTTGTGTTAGCTTAGGCACATATTGTGTGAATACATTAAT  
CTAAGAAGAGAGAATCTTCTCTATGCCCTCTATTCCAGTGAATAGCACAAGTATCAGATAAAAGGGTCAAT  
TTTTAAATGTTAAATCTGAAACCTCCTAAGAAGACAGGAAACATTATGGCTAAATCACTTACCCAGA  
AGATGTACATATTGTACTTTAGTTTCACACCACCTTTATTACTAAAAGCAAACACCTTTTACTTTAAATTA  
CTTTATCATATCATTGACATATGCAAGTCTGTGCTCTTTGCCAAAGTCAACGTATAATGAAGATATGGC  
TTTGTATTATTGAGATTCAAACCTTGATGTGATGCTTTAAATAAACTCAGTACTTTTAGAACCAT  
>GBEQ0563 |Acc|CD528601|Ver|CD528601.1 GI:31567223|LeukoN3\_3\_F05.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F05\_A025 3', mRNA  
sequence.:Start:1:Stop:592  
GCATACAGAATCATTCCATACATGTTGAAATGACTGAGGGGTTTCTTTGCTCTCTAGGGGCTTATATAG  
CATTTGGGGAGGGAGCATGTATTCTGTGAGGTTGTTAGGTGTTTGTCCAAGTGCATTTGCTAATGTACC  
CCTGCTGTTTGGTCTCTGGTAATACATATATTTCCCCCTCTCAACTTCCAGCCCTGCCCCGAGGGTGGC  
AGGGGGCTAGGGTAGCAGCATACCAAAGAGATGTGCTGCAGAATTCCAGAGGTGGCCTGGGCGAATGAGA  
CATGGGGCAGTTGGCCTAAGTCTTCAAGGAGTCCGGAGTGGCAAGAGAAAACACATCAACTGGTGTGGA  
ATGGAGGATTTGGGCAAGTCATGGAGACCTGAATAGAGCTGCAGCAGAGATGATGGAATCCAAGGAAA  
CCTCCTCTCTGGTGGATGGAGATTCTTTCAGTGGACACTACCAGCTCTGAGAGCCCTACCCCTGTTTCCT  
GCCACGGTGTGGGTGAGATGTATATATCTTTATTACATCAGAAGGACAATGCTAATATGTCAATCTTGT  
GAGTGTCTTAATAAGAAATATATTCATTTTC  
>GBEQ0564 |Acc|CD528600|Ver|CD528600.1 GI:31567222|LeukoN3\_3\_H09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:697  
AAAAGATGCAGAAGGCATCTTGGAGGACTTGCAGTCTGATAGAGGAGCTGTAGACAAAGACAGTATTCTG  
CAGTGAAGTGGGAATGCACAGTTTTTGTAGTATTGCAATTCCTCTCTCATTTACTCTTGCTTTGTATTCTG  
TCCTCTGTTCCTCCTCCTCTTTTTTAATCATGTTCTTGTCTTAAAGACTTCTTTTCTGTGCCAAATCA  
GTAAGTTTATAGTCTGAAGGACATTTGCTCTTCAAAACAGGCCATCTAAGGCAGCTAATTATGCATTGCA  
TTGGGGTCTCTACTGAGAAAAATCTGTGACTTGAACATAATTTTTTAAATGTGGATTTTTTTTTGAAAA  
CTAATATTTAATATTGCTTCTCCTGCATGGCAAACTGCCTATTCTGCTATTTAAAAACCCTCAATGACT  
TTATTTTCTACTGCCGCTTTTTTTCATGTGCAGCCAAATGAAAATGTTTAAATTAAGTGTGTTGTACAAA  
TGGTACCCCAACACAACTTTTTTTTAAATTAGTAAGACTTTTGTTTAAAGTTTAAAGTTTGCATTTTGACT  
TTTTTTGTAAGGATGTATGTTGTGTGTTAACCTTTTAACTAACGTTACAAACTGTGATGTGTGCGTA  
GAGTATTACGTATGCATGTTTCATGTTTAAAGAATGGCTGTTGATGATAAAATAAAATCAGCTTTCA  
>GBEQ0565 |Acc|CD528599|Ver|CD528599.1 GI:31567221|LeukoN3\_3\_A06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_A06\_A025 3', mRNA  
sequence.:Start:1:Stop:533  
AAGGCGGAGGATGATTACAAGGACTATGGAGTCAACTGTGACAAGATGGCATCAGAAATTGAAGATCATA  
TCTATCAGGAGCTCAAGAGCACAGACATGAAGTACCGGAATCGCGTACGCAGCCGAATCAGCAACCTCAA  
GGACCCAGGAACCCCGCTGAGCGGAACGTGCTCAGCGGGCCATCTCGCTGGGCTCATTTGCCAAG  
ATGACGGCAGAGGAAATGGCCAGTGATGAGCTGAGGGAGTTGAGGAATGCCATGACCCAGGAGGCCATCC  
GTGAGCACCAGATGGCCAAGACAGCGGCCACCACCTGACCTCTTCCAGTGCAGCAAATGCAAGAAGAA  
GAACTGTACCTATAACCAGGTGCAGACACGAAGTGTGATGAGCCCATGACTACCTTCGTCTTATGCAAT  
GAATGTGGCAATCGCTGGAAGTTCTGCTGACAGAACGCCAGCAGGATTCAGTGAACAAGGTGAGGAA  
GAATAAAGAGAAAGCACTAAGCCGTTGTAACCTGGAGAAAAAT  
>GBEQ0566 |Acc|CD528593|Ver|CD528593.1 GI:31567215|LeukoN3\_3\_E07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E07\_A025 3', mRNA  
sequence.:Start:1:Stop:614  
TATATAATATATATATATTTATATTTTTGGGGGTGGGAGAAATCCAAAATAAAATAAATGCTTGTTC

TTTCTAAGCTGCTGATAGTCATTTCCTTATTGTATGTTGTGTCAGATGAGGAAATTGTGTGGTTTGGTACATA  
AAGATGAGTAATATAAACTGAAATCTATAATTTTAAGGGCTTAACCTACGACTTTGATAAGAAGCTGGAA  
CAGTCCACTGAATGGATATAATGAATGCAGTATATATGTATGATTGCTTTTTAAGTGATTCTTTTGTTA  
ACTCATGTAAATCTTAAATCCTTTTGCAGTGTATGTGTCGAACCTTATTGTACATTCAATTAAGGCAAAC  
TTTTATAATTTACCTTTTGTTCATGACCTTGAAATGTTATAGCATGGTATTTTATGCAACTAGTTAG  
ACTTGGGGTTTGACACTGTATTTTTTTCACATTGATTTAATGGTTGAGTGTAACCTTTTTCACCCGGCAGGG  
TTTTTCACGCAGTGCGTACCCATAGATGCATGTACTTGTGTTTTGTGTAATTGTTGAAGTGCAATGATGTA  
TAAAAAAGTGGATTACCCGTTTTTAAAAATAAAACATTGATAAAAGGTGTTGG

>GBEQ0567 |Acc|CD528592|Ver|CD528592.1 GI:31567214|LeukoN3\_3\_F09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_F09\_A025 3', mRNA  
sequence.:Start:1:Stop:622

CAGGGCTTCAGTGTAAAGGGGACTGAGCCATCGAAAGCTCATTGCCAGAAGGATACCATTTTTTGGCTCTC  
CCTCTTCACTACCACTACACAGTTTGACCCAGTGGCCACTGGTTCACAGTACGCCACGTCAGTGCCTATCC  
AAGAGTCCGATTTTTCAGGCGTGCAGAACTTGGAGTGGCATGCTGACCAGAATGGCTTGCTTGTG  
CAGAGGATGCTGCCCCCTGACTTAGCTGCTGCTCCAGCTTCTTGCTTAAGAAGTACTAAAGGGACTTC  
CTTCCCATTAATAACCCCAATAGCAACTCTCCCTAAATTTGTTGATTCTCTGCTAGGCCTGAGAATCTGAA  
TTAACATCTCTTGAAGCCAACTCCGCTCTTGTGCTTTTTTGTGTTGGATAAAGGAGTTTTTCTTTAG  
AAACAGTCCCAAGATGACAAGATATAAAAACTAATTTTAAAGAAAATGCCTAACAGGTTTTTAATACA  
GTAATCACTGTAATTATCACTTTCTTTCTAGTTTCTTGGTTTTTCAGCTCAGGCTGCATTCTCTAACTCA  
TACTGTGAAGAAAGAGGTGTTTTTGTATTCAGAAATATATGAAATCTACATAGTCTTAATTGT

>GBEQ0568 |Acc|CD528586|Ver|CD528586.1 GI:31567208|LeukoN3\_3\_C12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C12\_A025 3', mRNA  
sequence.:Start:1:Stop:693

CCCAGGACCAAAATCACATGGATGAAAGCAGAAGATTCTTCTAAAGTTAGTAGTGGAACACCTATCAAAA  
TTGAAGATCCAAATCAGTTTGTTCCTTTAAACACAAACCCGAATGAGGTACTGGAAGAGAGAAATAAGAT  
TCGAGAACAAAACCGATATGACTTGAAGAACAGCAGGACCACAATCTCAGTTGCTTGCTGGAATTGTTGTG  
GATAAGCCTCCTTCTACCATGCAGTTTGAAGATGACGATCAAGCCCCACCAGCTCCTCCCAACCCCTTCA  
GTCATCTCACAGAAGGAGAACTTGAAGAGTATAAGAAGACAATCGAACGTAAACAGCAAGGCCTGGAAGA  
TGCTGAGCAGGAATTACTCTCAGATGACGCTTCTATCTATTTACAAATTCAGTCTCAAACTCAGTCACCCG  
CAAAATATCCCTGAAATAATTAGAAGAAAACCATGAGCTATTTTCCAAAGAGTTTCATCTCCATGGAAGTGC  
CTGTGATGGTAGTAAATGGCAAGGATGATATGCATGATGTTGAAGATGAGCTTGCTAAACGAGTGAGTAG  
ATTAACATAAGCAGCAGCATAGAAAACATCGAGATTAACATTAAGTCTCCAGAAAAAATTGAAGAAGTCT  
CTGTCACCTGAAGTTTCGCCTTCAAAATCACCATCGAAGAAAAAGAAATTCGCACTCCT

>GBEQ0569 |Acc|CD528585|Ver|CD528585.1 GI:31567207|LeukoN3\_3\_H04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H04\_A025 3', mRNA  
sequence.:Start:1:Stop:625

TGTAATTTGCCAAGCTTGAATCTTTAATGCATTTGCATAAATCTATACCATTTAGAGCTTAAAGCTAC  
AGAAGCATTGTTAGGAATTGCTTGGGCACTGAATTTTAACTTTTGGACATTGTTAACGAGCATGTTTCAT  
CTTTTCTTGTCACTAGTTCAAGAAAAATATGCTTAATGTACATTACTAAAGACTATGTATGTGTTAACCT  
GTTTTACTGCCAAAAGTTTGCTATTTGTCCACAATTTCTTTAAGACCTGTTTCAGAAAAGGATTTGTTTGC  
CTTAACAAATACGTGTTGGGTAAAAACACAGTATAATGAGTGAAATGGTTGCACGCAGGAACAGCCTACAC  
CTGAGTGACTCCAAGAAGAAGGGATGTCCACGCTACGCGTAGATGGCACGTTATGAGGACTTTAATCTTT  
CCTTAAACACAATAATGTTTTCTTTTCTTTTATCCACATGATTTCTAAGTATATTTTTCATGCAGGACA  
GTTTTTCAACCTTGATGTACAGTGACTGTGTAATAATTTTTCTTTTCAGTGGCAACCTATAATCTTTAAAT  
ATGGTAAGCATCTTGTCTGTTTTGAAAGGGATATGACAATAAACCTACCAGATGGAAAATCCTGT

>GBEQ0570 |Acc|CD528583|Ver|CD528583.1 GI:31567205|LeukoN3\_3\_C10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_C10\_A025 3', mRNA  
sequence.:Start:1:Stop:659

TGAAGAAGAGGAATAAGAGTTTCAGAAACCTCCACAACCTGTGGTAAAAAGCCTGGAGAACGCAAGAAGGC  
CCTTCCAGAGAAACACATTTACACCTCAATAGCTACACGAGAGGTGATCGAGGAAGAAGAAATCAAGTGGA  
AAATCAGAGGCCACCTACATGACCATGCACCCAGTTTGGCCGTCTCCAAGGTGAGCACCAGTAACCCAC  
CTGAAAAGAAGTCAGTGGAGAAATGCTGAAAACAGAGCAAGCTTTTGGAGAAGAAAGGCGAGTTCCCTT  
CATCCTTGCCAGTGGCAGACTTTCTGTGCATCCCTAGTGCCTGTACCAAGTTATTGCAGACCCCTCGTCTT  
CCCGTTGTCTTCTTCCCTCATTGCTCGGTCAAAGGGCTGAAGATGGAGGCTCCGGAGCCGGGCAGAA  
ACTGGACAGCTCTGGAAGAACAGGCCGTGCTTGGGGGTGGGGAGCGTGGACTTGCTTCCCTCTGGAGTGGG  
ACCTTGGCCCTAGGGACCTGGCTGAGCTGCTGCAGTGGCAAACACTCCATCGGATCAGAACCTCCAATT  
GCATGGTATTCTTTATGGACGAGTTACTGAGAAGAATTGCAGAAATAAAAAACCAACCAATGATTCTT



TGGCAAGTTATCCCTAAATAAATGTGGTT

>GBEQ0571 |Acc|CD528581|Ver|CD528581.1 GI:31567203|LeukoN3\_3\_D11.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_D11\_A025 3', mRNA sequence.:Start:1:Stop:740

AGACCCCTCGTCGTATTCCAGTTCCTTTAAAAAGAGAGTAGTTATTTCCATGGGAACGTTCTGGGGCTGG  
GACCAGAGGAAGCTTCCTGGGTTGTTTTCCAGTTGTATCATAGTGCCAAACAGGCCTGATTTTTATTT  
AATATTGTTATTATTATTGGATCACTTCCTATTTTCTGCTCAGAGCAGGACTGATTGGATTAAGGAAAGA  
TGCCTGTCAAGTGTGGATAACAACTCCATGCCGGCATGTATGATACGAGATTTCAGTATAATTAACCA  
CATCGTGGCTTATATTCTGTGCCATACTTTTTCTGGATTTGAAATTAGCTCCAATTGATTGATTTGTTTC  
TTGATTTCTATGAAGGATCCATCTTTGTGTATTTATGTATTTTGAGGGGTGAAAATTATTTTGAAAACCTG  
AGTCTGATGCTCTCTAACATACATGTGCACACACACAATGATTCCTTCTTCCTTCAGTGCAGTTGACA  
GAATCCTGGGACTGTCCAGGATAAACGATCCAGGAGGAGGACACTCTTGATAAACTTCTCTTATTTTGT  
TTTTTTTGCCTAACAGTTAGAGGGCTATGTTGTTGGACTTATACATCTAATGAATGATCAGCTATAGAGC  
ATAGTATTTATATGTAAGTGATAAAATGGGTTTGTAACTTTAGTTTAAAAAAGGGAAAGTTTCGTTCTGT  
ATATTTTGTACCTTTTACAGAATAATAAAAGAATTGCAT

>GBEQ0572 |Acc|CD528575|Ver|CD528575.1 GI:31567197|LeukoN3\_3\_B10.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B10\_A025 3', mRNA sequence.:Start:1:Stop:625

CCCTGCCGCGCCCCCGCCGCGCCGCGCCNTGGAGGACGACGAGCTCCCCCGCCGCCCCCGGATTTTGA  
CGAAGCGCCCCCGGACTTCGTGCCTCCCCCGCCGCGTGGGATGCGGGGGCTTCCTTGCCGCGCGCCGCG  
CCGCGCGCGCCCGCCCTCGCCCCNGAAGCCACGAAGCCGTCCCCCGTTGTCGCCAAAAGGCCTCCGGTTC  
CCCCAAGAGGCAGGAGAACCAGCGCCGCGCCAGCGGGGGAGGGGGCGCGCAGCAGGATTTTCATGTCGGA  
TCTGATGAAAGCTCTGCGAGAAAAGAGGGGCAACGTGGCCTAGGGAACGGGCGCGCGCCCTCTAACCTC  
AAGTGCCTCTCCGCGGTTCTGTTTTCTGTCGCGTCTTGTTCATTCTCGGTAAAATATTGAAGTGTTCAGAC  
TAGAAATGATGCAAAACGGCTCACTGTGCTGCAGTACATTATAGCCATTAACCTAGCACCGAATTTAG  
AATATTTGCCATAATGGACATATCTTCTCTATGTATTTCTCTTAATGGAATTTATCTTCTCCCAAGT  
TAATAAAATGATGTATGTTTCTTTTATGATGTTTCAGAAGCATCAAATTAATAAAAGTCAAAAAA

>GBEQ0573 |Acc|CD528482|Ver|CD528482.1 GI:31567104|LeukoN3\_2\_D06.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D06\_A025 3', mRNA sequence.:Start:1:Stop:688

CAAATATGATTAAATATGTTATACTCATTTATATTAATACATATTAATAATTAGCACAATAGAAAATTC  
ACTTTTGAGTATATAATTTGTTAAAGAAATATTCACATGGTAATTTTATGTATAATTTCTTATATTGGT  
AAAATTTCTAACTACTTTTCACTTCAGAAATTTTCTACCTTAAGTTTGGGTAAATGGGGTTGATGGGGC  
TAATTGAATAGAAAAAGGCGTAATGGCCCTAACATTAGATTTCTTTCTCATTTCAGAGGCCTTAATTGAT  
ATTTTATAAATAGAGCTTTTATTTTAACTTTTCTATTGATTTTGGGAAAGTAGCCCTTAATT  
TGATGGCACATTGATTTATATAGTTTCCATCCCAAGTTAGAATTAAAGAAAATAAGCTACACAGTTGAGA  
TTTAGTCGGAGGCAGTTTCATTGAGGCAGCTCTATTATAAGACATTACTTGATAAATAATTATTTTGTAA  
ACAAATAAGTTGAGTTAATTTATCTTGGTCTTCTTACTTGGATATAATTTTAAGATTCTGGTGTTTAA  
GACGTTTACTTTGTTATATAGCAACAGTATTCATCCAGACTTTTTTTTTTTTCAAGCAGAACCTTAAAT  
TTATGTCTGAGAGTATGTACTGCATAGGGGCTATTTTATCAATAAAGACGAGTGATT

>GBEQ0574 |Acc|CD528480|Ver|CD528480.1 GI:31567102|LeukoN3\_2\_A08.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A08\_A025 3', mRNA sequence.:Start:1:Stop:606

CAGGGGCTGCTGGAGGAGTTCGATGGGGAGGAGGACCCGGGCGAAGTCCAGGAGGAGGGAGCGGGGGCCG  
GAGGAGCCGACCCGGGAGGAGCCGAGGCCTCGCCTGTCCCCAGCCGCCCAGCCGCTCGGAGAAAGAAGAC  
GGAGCAGCAGCGCGCGGGAGAGAAGGCTGCACGGACCTGCGGGTGCAGCAAGCCGCGGTACGGGCTGCC  
CGGCTGCGCACACAGGAGCTCTTCAGGCTGCGTGGGATCAAGGTGCAGGTGGCGCGCGGCTGGCCGAGC  
TGGCGCGCGCGCGGAGCAGCGGAGGGCCCGCGGCTGGCTGAGGCGGACCGGCCCCGAGGCTGGGCGG  
CTCAAGTACCAGGCCCCGACATCGACGTGCAGCTCAGCTCGGAGCTGTCAGGGTTCGCTCAGGACCTGA  
AGCCCAGGGCAACATTCTCCGTGACCGGTTCAAGAGCTTCCAGAAGAGGAACATGATCGAGCCTCGGGA  
GCGAGCCAAGTTCAAGTGCAAGTACAAGGTGAAGCTCGTGGAGAAGCGGGCCTTCCGCGAGATCCAGTTA  
TAACCGCTGTGCCATGCTGGAGCCCGCACCCCTCAATAAAGCCCCC

>GBEQ0575 |Acc|CD528477|Ver|CD528477.1 GI:31567099|LeukoN3\_2\_E01.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E01\_A025 3', mRNA sequence.:Start:1:Stop:431

CAGTCAAGTTGGAGAATTGGTTTAAACCTTTAAATGAGAACAGAAATTATAATCAGTCCCTGACCAATTG  
TGCCTAGATATTAAAGTATTTACTTGTACTCTTAAGTGCTTTCTGTTTGGTTAAATATCAGTATGTTAAG

GTTTTTTCCTACAGGTGTATATATTGTTAAAGAGTCATCTTCCTCGCCCTTCTTTGTTTTTTTTTTTAC  
TGGGCCTTTAAAAAACTAAATCCATCCTACTCTTACACAGCATTTCTCAGTGTAGAAATCACGTCTTAAT  
TGTTGAACGTTACTGCAGAAATTTGTGTTGTAAGAAATTTTTATGATGTGGCAGTGCTCTATTCCTAAGG  
AACTAATTATCGTCCAGTTAATGTTATTTAACTCAAAAGTTGATACTGTATTCCAGTTAGGTTTGAATA  
AATATTTTCAT

>GBEQ0576 |Acc|CD528476|Ver|CD528476.1 GI:31567098|LeukoN3\_2\_A11.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A11\_A025 3', mRNA  
sequence.:Start:1:Stop:646

CCTATAACTTCTGCTTTTGCATCTCCTCAGGCAGAAGTGGAGGATGTCTTTTGGACTCTCCTCATAGGTT  
GTCTCTTCATACATGAACCAACCCCAAGTTTGTCTTTGGTGCCAGAAACACTGAGCTTTGTTTGAACAAAG  
GATATCAACACAAACTGTACTGTAAACACAGTTTGTGTTATAATTTGAGGGGCAAAGGAGGAGGATGCATT  
TCGAAAGCCTGATGACTTCAGAGCCAAATTAAGGGGAGTTTTCAGATCAAAAATTGGTTACCATATATTG  
TCAGCGTCTGGTGCAGCCTCTCGTGGCTCCCAAGAATTCCTAAGGTGGGTTAATGGGGTCGTATTGTGAA  
CGCCTCACTACAAGATGACTTGAGTCCAGTGAATCTCATTAGGGTTAAGACTATTTTCAGGGATCCTTAT  
TTTGATTTTTGTTTTCTGCAATTGGATTTTATTTTATCTTATAATTTTCAGTTCATCTAAATTTTGTGTTT  
TGTACATGTAATGTTTGGCTGTACCATTGACTGTTATGGAAGTTTCAGCGTTGTCTGTCTCTACACTGT  
GGTGCACCTTAACCTTGTTGATTTTATACTAAAAATGTAGAATAAAGACTATTTTGAAGATTGAAATAA  
GTGATGAAGTTGCATT

>GBEQ0577 |Acc|CD528475|Ver|CD528475.1 GI:31567097|LeukoN3\_2\_B10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B10\_A025 3', mRNA  
sequence.:Start:1:Stop:518

CCGCTCAGGCCAGCCTGCCCCGAAGCTGACCTTTAACTGAGGGCTGATCTTTAACTGGAAGGCTGCTTT  
CTCCTTTNGCCGCTCTCCCACCCCCACCCCTGTGTTTTTTTACCAAACCTGTCTCTGCCTCTTCCAG  
AGATTCAGTTGGGCTAGAGGCTGAGCACCTTTGGGAACAACATTTAAGGGAATGTGAGCACAAATGCAAA  
GTGCTCTCTCAAAGCATGTTGTGATGTACACATTTTGAATTACCTTTTTTGTGTTATTGATGTGGCAAC  
CATTTGTAACAACTTCCAAATAATTCACAGCTCCGAAGCAGCGGTCTAATCCCTTTCTCCCTTTTGAA  
GGTAACTTTTAGCTTAATGCATATTGCCGTCTCCATAGAGGAAGGAAAGAGGTATGGGCTGCCTTACT  
GAGAGCCAGACAGAGCCCAGAAAAAGACTCCACTATGGGAAACCTCATCGCTCTGTACAAAGTACCAGCC  
AAACCAGAAAGGTATTCCAGGAGGAGTT

>GBEQ0578 |Acc|CD528459|Ver|CD528459.1 GI:31567081|LeukoN3\_2\_H07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H07\_A025 3', mRNA  
sequence.:Start:1:Stop:663

GTTTTTGGGATGCCATCATTTTGGACACCCTAAGAAAGAAATCACTTGAAGTTTAAATTGAAATTTTTCTT  
GAAGCCTTAACCTTTCAAATTAAGAGGTAATTTTGTAAATTAGTTCGAAAATTTAGACATATCAGAATTC  
ATACCTACAGTCATATAAATGGCAAGTTTATTTGCAAAACCTGAAAGGAAATTTTATCATTACCAACA  
ACCTCCCCACCAAAATGAGAAACTAGACAAATCCTGGTGTGTTTTAATTAGGTAAGCAACACTTAATTA  
AGTGGACATTTAAAGGTTCTCTAGTGAATCGTTCTTTTCAAGAAGTTGAAATCCCTGGAGTATAGTG  
ACTAAGAGGACATGATTCGTGGAATGTATAAGATTTTGTTCATGGAACCGAATCAGATGGTTGAAGATT  
GGCGATTTAGGACCTGCTGGAATAAATGAGTGAACGAACCTGTAATCTAACTCTTTGACCTGCATGTTT  
TTTCTTTATCCCAACTTATCTTTACATGTAGGCTCAGACTTCTCAGTCTTTGGGTTACTGGTTCACCAG  
AAGCCAGGAAAAACAGTAACCTTGTAGTAATCAGAATGTTATCCAACGTATATTGTTTACTTTATTGTA  
AATACTGGTAAACAGTGGTCAATAAATAGTTTT

>GBEQ0579 |Acc|CD528455|Ver|CD528455.1 GI:31567077|LeukoN3\_2\_H10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H10\_A025 3', mRNA  
sequence.:Start:1:Stop:655

CAGCTCACCCACGCTGCTGGCCCTGGAGCAGGCAGGGAGGGGAGGCAGGCAGGCACACACAAGCGCCACTG  
CCCAGATTGGTGCATTACAGAGAGGAGAAACACGCTCTCCCTCGAGGGTTCCGGTAGACCTAGGGAAGAC  
CTTATCTGTGCGTGAACACACACAGGCTGTGGGCCCTCAAGGACTTGAAGCATCCACGTGTGGACTCAAG  
TCCTTACCTCTTCCGAGATGTAGCAAAACGCATGGAGTGTGATTGTTCCAGTGACACATCTGAGAGC  
TGGTAGTTAGTAGCATGTTGAACAGGCCTGGGTCTGTGTCTCTTTCTCTTTCTCTTTAGTCTTCTCAT  
AGCATTAATAATCTATTGGGTTCATTATTGGAATTAACCTGGTGTGATATTTCAAATTGTATCTAG  
TGCAGCTGATTTTAAACAATACTACTGTGTTCTGGCAATAGTGTGTTCTGATTAGCAATGACCAATATT  
AACTAAGAAAAGATATGACTTTATTTCTAGTAGATAGAAATAAATAGCTATATCCATGTACTGTAGTT  
TTTCTTCAACATCAATGTCCATTGTAATGTTACTGATCATGCTATTGTTGGGTGGTCTGAATGTTCTGAC  
ATTAACAGTTTTCCATGAAAACGTT

>GBEQ0580 |Acc|CD528446|Ver|CD528446.1 GI:31567068|LeukoN3\_2\_B04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B04\_A025 3', mRNA



sequence.:Start:1:Stop:355

AAGAGTCTTGTTATGAATTATTAGAAAACTTTAGGCCAAAATCAAAAGTATTTCGCAGCAAAAATAAAGGCCTA  
CTCTGCTCTTATTTAAAGTGAAACACTGTATACTTGTTTCTCTCCAAAGTGAAATTAGGTATTTATGATT  
TCAATTCCTTGATAAGTTTCCAAATCACTGATTTATACTGAGGATTTTACTATATTGTCGCACAATTTT  
AAGATAATTTTTGTCTCAATGTCAACTTTTTTCACTGAATAAAAATTTAACTGGGTCAGAAAACCCCTA  
TTTGAGAAAATCCAATCTCTACACGTGCTTGAGTTGTTCTTTTGAGTGCAATAAAGATGGTTGATGCAG  
TCTCC

>GBEQ0581 |Acc|CD528444|Ver|CD528444.1 GI:31567066|LeukoN3\_2\_H01.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H01\_A025 3', mRNA  
sequence.:Start:1:Stop:600

AAGAGAACTTTCTGAATTTGCAGCTAATCTCGGGGAAGAGAAAGATAGATTTAATTTATTCGAAGTTTTT  
ATGGTGTTAATATTTTTTTTTTACCTCGCTAGCTTGCGAATTTTGCCAGCCTCCAGATTTGCACATTTCT  
TATGTTGTTTTTTTCTTTGAGTGGCATTGATCAAGCCAAGCTGAATATTTGCCATGAAATTCCTACTGAA  
TGTGAGAGCTCAGAAGCAACCATAGTTTGTCTGCGTTACAATATGTTTCAGTACCCAGTCCAAGTACAC  
ATATTTTAAAGGTCAAAGTGAATGTTTTTGTAAACATTTAAGCATATTTCAAATGTAAATAGAAGATTGTA  
AAATATATGGTTTTTACCAAATTCAAAAGAACTTTTTAGTTTCATCTTATGACAGTGTAAAATTATAT  
GAATAACGTTTCAGATACCATTTATTTAAATATTTGTGTATGTGTACAAAAGTGTGTGATAAATACTAAT  
CTTTAAAGTTTGTGGAGTTCTTTATTTTGAATATATGTGTTCTTAAAGCAATGGGATGTGAAATTATG  
GAAGTATTTTGTGTTGTATAGAAAATAAAAAATACAGTTAC

>GBEQ0582 |Acc|CD528443|Ver|CD528443.1 GI:31567065|LeukoN3\_2\_B07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B07\_A025 3', mRNA  
sequence.:Start:1:Stop:663

GACGTTTATAAACTGGTAATCAAAAGTATTTTTCTTTTAGGTGAATGGGAAAGTGTACCCCTGTTTTAA  
ATATCTAAGCAATGCCAACAACCTTTTTTGTGTTCTGATTACTGTAGTCATATTTATGGGAAAAGTTTG  
TGTTATAGTCTCTGCTAGTGAAAAAAGTGGGACAAAATTTGCTTTTGAAATAAAATGCCAAATGGCACC  
TAATTTATTTTTTTCTTTTAAATGCCTTAAGTTGCGTCTCATTTTCATAATCATTTGTTTCCAGTGTTTTA  
AAAAAATAAAAAGGATGGAGAGAATGTAATAAGAGCATTATATTAGGTTTCCAAATTTAATTTGAATTC  
AAATTCACCTTAGCAATAAAATCTAATTTTAAACAAAAGTATATAAGTATAAAATGTATAAATGATGGATGA  
AGTTTTATATTGATTTGCAAAATGCAGATTATATTTGATAGGCCATAGTATGTAGATATTCCTTTTAGGA  
ATATTACAGCTATAAATTATATCATAATTGCCAGTCAGAAGCTATTTGGTTGAAAAAAAACATTATTGCA  
ATCTCAAGTTTATGGAATGTTTTTAAATCCACGTCCTCAAGTTTAAACACTGGTTTTCAATGTATTTT  
TAGTGTGTGCTACTTCTTTATAGATAAATATGAT

>GBEQ0583 |Acc|CD528441|Ver|CD528441.1 GI:31567063|LeukoN3\_2\_H09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:694

TAAAGCAAAAAGGAAGCATAAGAAAAAGCATAAAGAGAGGCATAAGATGGGAGAAGAAAGTTATACCACT  
AAGAGTGCTATCAAGAGCGAATGGATGGATTTGAAAAAAGAGTATTTAGCATTGCAAAAAGCCAGCATG  
GCTTCTTTAAAAAAAACAATATCCCAATAAAATTGGAGTCAGAAATGGAACAGACCATGGAGTACCTG  
ATAAGTCTGGAATGAAAAATGAAAAACAGACAGTGAAGCGCCCTGTCCCAGGAGAAGGTTCTTGCAC  
GGGACCGCAGTTTGTGAGCGGCGTCATCGTGAAGATCGTCAGCACGGAGCCTCTGCCTGGCAGGAAGCAA  
GTCAAGGATACTTTGGCCGAGTCTCAGAAGTTGTTTATGTTGATTTGCTGGAAGGAGACACAGAATGCC  
ATGCTAGGTTTTAAACTCTGCGGACGCCAAAAACGTTAATCACAGCTGGATTGAGAGAGTTTTTGGGA  
AATGTGGCAATGTTGTTTATATAAGTATACCACATTATAAGTCTACTGGAGATCCAAAGGGATTTGCCTT  
TGTGGAATTTGAAACAAAAGAACAAGCAGCAAAAGCTATTGAGTTTCTTAAACACCCACCAGAAGAAGCA  
CCAAGAAAACCTGGTGATTTTCTAAGACAGTGAAAAATAAGCCCATTCCTGCCCTTAGAGTTC

>GBEQ0584 |Acc|CD528440|Ver|CD528440.1 GI:31567062|LeukoN3\_2\_B08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_B08\_A025 3', mRNA  
sequence.:Start:1:Stop:572

ACCTACCGCCAAGGTTTTTCATTTGCTTCCCACCTAACCCCGAGCTCAAGCTGGCATCCAACGTCTCTGAAA  
CCAAGAAAGGTGGGCTCAAACTGTGACTCGCAGCTGGCAGGAGTGTGAGTACTGGGGTCAGGGCTG  
GAGGGTAGGGCAGAGGCGAGCTCCAGGCTGCTGGAGCCCCAAGGGCAGGGCTTGTCTCCCTTGGAAACCC  
CTTCTCGACAGATTCTGTATCATCTCTTCTCTCTCTCCCTCCTTTACACCGAGGCTGTTGCTCCCCC  
GTGGCATCTCTGAAATGCCTTGTGTTCTTACCTTTTGAAGTTGGAATCTTCTCTAGCACCAGAGGAAG  
ATCAAGGCCAAGGCAAGTTCAAGGCCAGACTTGACAAACCCAGGCTGAGGCATGCCTCATGAAGACAG  
TGAGCCTCCCAAGCAAGACCTCTGCCCTCATCTGACATACCATGGGCTGGAGGGGCATGGGGGACGCG  
AGGCTAGAGAAGCCCTGGCTTCCATCCACACTGCCTCGCTCCTGGATGCAGCACCAATAAAAAGGAGCA  
AGTGAAGTAAAA

>GBEQ0585 |Acc|CD528439|Ver|CD528439.1 GI:31567061|LeukoN3\_2\_G10.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_G10\_A025 3', mRNA sequence.:Start:1:Stop:623  
AAGAAGAAGGTGACTTATGTAGAATTTGTCAGATGGCAGCTGCATCATCTAACTTGCTGATAGAGCC  
ATGCAAGTGCACAGGAAGTTTGCAGTATGTCCACCAAGAGTGTATGAAAAAGTGGTTACAGGCCAAAATT  
AACTCTGGTTTCTCATTAGAGGCTGTAAACCACCTGTGAACCTCTGTAAAGAAAAGTTGCAGCTTAACCTGG  
AGGATTTTGTATTTATGAACCTACATAGAGCTCATGCAAAATGAACAAGCTGAGTATGAGTTTATCAGCTC  
TGGTCTCTACCTAGTTGTGTTACTGCACCTGTGCGAACAAAGCTTTTCTGATATGATGGGAAATACAAAT  
GAACCAAGCACACGTGTCCGATTTATTAACCTTGCAAGAACTCTTCAGGCACATATGGAAGATCTCGAAA  
CTTCAGAGGATGATTCGGAAGAAGATGGAGACCATAACAGAACATTTGATATTGCCTAACTTCATAAGAG  
ACAACTACTTTTTTCAGAACCTAAGTAGAATAGAAACCATGTAATTTCTCAAATGTAATCAGCAGTTTG  
CCCACACTTAGTTTCTTGGTCTTAATGTAAAACCTTGGCTTGAAATAAAGTGCAGACTGATTG  
>GBEQ0586 |Acc|CD528438|Ver|CD528438.1 GI:31567060|LeukoN3\_2\_D12.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D12\_A025 3', mRNA sequence.:Start:1:Stop:666  
AAGCAGTTGCTGCCACCAAGGCTGTCAATTTATAGGCATGCCCCACTGCCCCCGTCCCGCTGCACCTGA  
GGAATGCGCCACCAGGCTGATGAAGGATCTAGGCTACGGCAAGGGCTACAAGTACAACCCCGGTACAG  
CGAGCCCGTGGCCAGGAGTACCTGCGGAGGAGTTGAGAGGAGTGCAGCTTCTTCAAGCAGAGGCGCTGC  
TGACTCGGAGGCTGTGACAGCACAAGCCGTTTCGTTGTTTTTAGGGAGGGCCAGAAAGAGAGAGGAAGT  
AATTGTGAAGTTGTTTACTTGGTGGAAGTCAAAACAGACCACATTTTGTGCCAGAAATGTAAGAGTTCC  
TTAGGGGGAGGCACAGTCACTTCACTAAATGTGTGACATTGAAATTGTGTTCACTTGCACTCTGTGCAA  
TGGTTATGCTTATGAAAATATCCGGCAGCTTTGTGCAATGATTTAATGTTACAAGGAATTATCTATTTTG  
TCATAGTATTTAAGTCATAATGTCAATTTAGATTTAGTTCTGTAGGATTTTTTTTTCTTAAAAAATGTA  
TATTCTGGGTAGTTCAATTGGTAAAAAATGTAATTGTGATTTAATACTGCATAGTGTTTTGGGTATT  
TTTTTTATATGCAAGGTCTTATGAGCCAATAAAAC  
>GBEQ0587 |Acc|CD528434|Ver|CD528434.1 GI:31567056|LeukoN3\_2\_G11.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_G11\_A025 3', mRNA sequence.:Start:1:Stop:687  
TGGGGCAGCAGTACTTCAAAGGAGAGTCCTTCAATTGTTTGCCTTGAAGCTGTGCTTATCCCCGTGCGGT  
CCATGGGATTGATTATTGGCCTCATCTGTGTGACTGCTTGCTTGAGCGGATGATGCCCCGAATTCCTAC  
CCTCAAGAACCTAGAGGATCTGGTTACTGAATACCATGGGAACCTTTTCGGCCTGGAGTGGTGTGTCTAAG  
GGATTGGCGGAAAGTCTGCGGCCAGACTACAGTGAACGGCTCTGCCACGTCAAGTGAATTTCCCCAAAAG  
GAGGGGCTCTGAGGGAGGGGTCTGGGGGCTCCCCCTGCAGCCAGCATAGCCCCCTACTGGGCTCCCCCATG  
TTACACCTTGAAACTTGAAACCTGAGCCCTTATACCCTGACAGAACCCAGGGTCTGTAGCCCTAAATT  
GTACTAACATCCCTTAGTCTAACAGGCTGGGTCCGATCCTTACCTCACTCCCCTGATTTTGAATTTTGT  
GCCCCCAATAACAGTCCCTTATTCAATATCTCTACTTTGAGGATTTTGGCCCTGGTACATGTTTCATCTC  
CTCCAATCCAGCCCTCCCTCTTTGCTGGATTCTTTCCCACTGTCCGCGCTCCCTCCGTCCCTCCCTCC  
CTCTTTCCGTCTACCTTCAATTGTTCCCTGAATCAATGAGAAATAAAGTTTCTGCTG  
>GBEQ0588 |Acc|CD528430|Ver|CD528430.1 GI:31567052|LeukoN3\_2\_H06.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_H06\_A025 3', mRNA sequence.:Start:1:Stop:610  
CAAAGGGAGAGTGCCGTACCCAGGCATGAACAACCGGGAGGTGCTGGAGCAGGTGGAGCGCGGCTACAGG  
ATGCCCTGTCCGACGAGTACCTCTCTCCACGAGCTCATGATCCACTGCTGGAAAAAGGACCCCG  
AAGAGCGGCCCACCTTCGAGTACCTGCAGGGCTTCCTGGAGGACTACTTCACGGCGACAGAGCCCCAGTA  
CCAGCCTGGTGAAACCTGTAAGACCCGGGTCTGCAGAGAGAGGCTCGTCCAGGAGGCTTCCCCGCCCC  
CTCCCCATTAGCTTCCAATTCCTAGCCAGCTGCTCCAAGCAGAGCAGCCAGAACCGTCCAGGATCAGAT  
TGCATGTGACTCTGAAGCTGACGAACCTTCCATGGCCCTCATTAATGACACTTGTCCCCAAATCCGAACCT  
CCTCTGTGAAGCATACGAGACAGAATCTTGTATTTCTCAGACTTTGGAAAATGCATTGTATCGATGTTA  
TGTAAGGCGCAACCTCTGTTCAAGTGTAAATAGTTACTCCAGTGCCAACGATCCTCCTCGTGTCTTCTCT  
TTTTTTAAATGCAAAATCCTATGTGATTTTAACTCTGTCTTACCTGATC  
>GBEQ0589 |Acc|CD528424|Ver|CD528424.1 GI:31567046|LeukoN3\_2\_E03.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E03\_A025 3', mRNA sequence.:Start:1:Stop:517  
TGAGAATGTTGCCGACCATCATAGCTGACAATGCGGGCTACGACAGTGCGGATCTGGTGGCCAGCTCCG  
AGCTGCCACAGTGAAGGCAACACGACTGCCGACTGGATATGAAGGAAGGTACCATTGGAGACATGGCA  
GAGCTGGGGATCACAGAAAGCTTCCAAGTGAAGCGGCAGGTTCTCTGAGTGCAGGCTGAGGCAGCAGAGG  
TGATTCTCCGTGTGGACAACATCATCAAGGCAGCACCGAGGAAGCGTGTCCCTGATCACCACCCCTGTTA

GGCGTTCCCCTGTGCTGTGGAGCCAGGACCAGTTGAGAGCAAAGCTGTGTGTGAAAGATTTGACCTCTTG  
AAGAATACGTGGAGTCGAAGTTTCATCTGTGGCTGTTATATCCTTAAGTTTGGACATGTAACCTGACCTTC  
TATTTTAACATGGGTCTAATTTATTTGCTGTTTTATTTCCATGAAATTCGGTTGATTTAAAGGTTCACT  
TCTCATGCTGTGCATCAAAATAAAAAAT  
>GBEQ0590 |Acc|CD528330|Ver|CD528330.1 GI:31566952|LeukoN3\_1\_A08.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A08\_A025 3', mRNA  
sequence.:Start:1:Stop:596  
CATCATCCGGGAGGGCACCCTGATGGGCACAGCCATTGGCACCTGCTTCGGCTACTGGCTGGGCGTCTCG  
TCCTTCATTTACTTCCTCGCCTACCTGTGCAATGCCAGATCACCATGCTCCAGATGCTGGCCCTGCTGG  
GCTATGGCCTCTTTGGACACTGCATTGTCTGTTTCATCACCTATAACATCCACCTCCATGCCCTCTTCTA  
CCTCTTCTGGCTGCTGCTGGGTGGGCTGTCAACTCTGCGAATGGTGGCAGTGTGGTGTCAAGGACTGTG  
GGCCCCACACAGCGGCTGCTCCTCTGTGGCACCTGGCGGCCCTGCACATGCTCTTCTGCTCTATCTGC  
ATTTTGCCTATCATAAGGTGGTAGAGGGGATCCTGGACACCCTGGAGGGGCCCAACATTCCACCCATGCA  
GAGGTCCTCCAGAGACATCCCTGTGCGCTCCCTGCTGCTAGGCTTCCCGCCACCGTGCTCAATGCCACA  
GCCAAGGCTGTGCGGGTGACCTGCAGTCACACTGACCCACCTGAGATCCTTGGCCAGCCCCCTTTCCC  
CCAGCTGTGGAGCAGAGGAAGATTAAAGGACAGTAC  
>GBEQ0591 |Acc|CD528329|Ver|CD528329.1 GI:31566951|LeukoN3\_1\_E03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E03\_A025 3', mRNA  
sequence.:Start:1:Stop:530  
GTGCAGGCTCTGGAGCAGTTTGCCACCGTGGTGGGGGCTAAACTGATAAACCAAGAAGGAGATTGTCA  
ATGACCAGTTTCTGCTGCAGCGTCTGGCAGACAGTGCCATTGACCTCTATGCCATGGTGGTGGTTTTGTC  
CAGGGCCTCAAGATCCTTGAGTGAGGCCCCACCCACAGCCAGCATGAGAAAATGTGTGTGACAGCTGG  
TGTATTGAGGCTGCAGCCGGATCCGGGAGAGACATGGCTGCTATGCAGTCTGACCCCCAGCAGCAGGAGC  
TCTTCCGTAACCTCAAAAGTATCTCCAAGGCCTTGGTGGAGCGGGGTGGCGTGGTCACCAGCAACCCCT  
TGGCTTCTGAACACTCGCAGCCAGGCGCTGGCCCGGAATGTGCCTTCTCTCAAGCCAAAGCCCAGGCCCC  
TTTCTTGAGGCCTTGTTCTGCTTGAAGGGGCCCTTGCCCCAGACCGTGCTGCTCTCACAGGGAGC  
AGTTACTGCCTCACAATAAAGTTCTAAGGAGTCAAAAT  
>GBEQ0592 |Acc|CD528326|Ver|CD528326.1 GI:31566948|LeukoN3\_1\_F10.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F10\_A025 3', mRNA  
sequence.:Start:1:Stop:586  
AAACCATTGAGGTCATTACATAAGCTCCTGGACGGCTGGTGGGTCATCAGGAAAGACGACGTACCCGGCTA  
CTTGCCCGTCCATGTACCTGCAGAAGGCGGGCCAGGACGTAGCCCAGGCCAACGCCAGATCAAGAGCCGA  
GGGGCGCGCCCGCCGAGGTGCTCCATCCGCAACGCGCACAGCATCCACCAGCGGTGCGCGGAAGCGCCTCA  
GCCAGGACGCCCTACCGCGCAACAGCGTCCGATTTCTGCAGCAGCGCGCGCCTGGGGCGGGCCGGGCC  
GCAGAGCGCGGGAGCGCGCTGTCAAGGAGCAGCGCGCAGCGCAGAGCGACCGCGGAAGCGCAGCGCG  
GCGGTGCCCCGAGGCCCAGCGCGGACCTCATCCTAAACCGTGCAGCGAGAGCACAAGCGGAAGCTGG  
CGCCCCCGCTGTGAGGCCAGGGCACCCCTCCAGAGGGTGACCTGACCCCTCCGCCCCGTCCGCCCCGT  
CCTTGTGTGCGTTGTATAGAGCCTGGCGTCTGAGCGCCGAGGGCATCCCCGGGCCCCGCCACCTCGC  
TATCCACCGCCCTCAATAAATGTTGC  
>GBEQ0593 |Acc|CD528325|Ver|CD528325.1 GI:31566947|LeukoN3\_1\_H09.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:654  
GAGGCCGCGGGAGGCGATCCGCACAGCCCCACCGGACTCCAGGCTCCTTGAGGAGAAACGCACTGACTCCG  
GGGAGGGGGCTCGGGAGGGCCGGTCTTATTTATTTAATTTACCTGAGTTCCGCTGGGTTCACAGGCAG  
TCACAGTGATGACTTAGCGTCGAGACATTTGCTGGACTCAGCAGTTCCGGACCAATATATAGTGGGTAC  
ATGCAGTCCTTCTGACAAAAGGGGCACAAGAGAAAGGACCTTTGTGAGCCGGTTCTTTTGTCTGCC  
CTCCGTTTTCTGAGGAACCTTTTCATGCTTGACATACCTACCAGTGTTACCATTCGCGCGCATATATG  
TGTGAGAATTTACCTTATTTATTTTGTGGAGGTGGTCTGCCTTCACAAGCGTCAGTGTCTACTCCTAGA  
AGAACCAATACCTCAATTTTTGTGTTTGTGACTGTAATATCCTGTAAATAGATCCTGAACAGGTTTGT  
TTTCAGCACTGATGGAAGCACCAGTGTGGGTTTTTTTTAGTTGCCAACAGTTGTATATTTGCTGATTA  
TTTATGGCCTGAAATAATATTTCTTCTTCTAAGAAGACATTTTGTATACAAGGATAACTTTTTTTATA  
CTACAGAATAAATATGACATTTT  
>GBEQ0594 |Acc|CD528322|Ver|CD528322.1 GI:31566944|LeukoN3\_1\_A11.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A11\_A025 3', mRNA  
sequence.:Start:1:Stop:563  
CTTTGGACTGTGTTACCTGTATAAAGGTAGCAGGAAGACATTTTAAAAAGCTTATTTCTTGTATTAAT  
TTTTAAAAATTCTGAGTTGAAATGCCTTTCAACCATTACCTTTGTGATGATAACTTTTCTCCCTTTTTT

AGCCCAAGATTACAGCAATCAGATGTTTATTGCACACCTATTTCTCTATTATTTGTTGTTGTTCTTGCATG  
GTTCAAACCTACCGGTAATTCAGTAGCTGCCTATCCTTTGCCTTATCTAACAAAAATTTTGCCAGGAAGGT  
GGAAAGGAAGTAAGTGTGCTCTCATTTTGTAACTCTGTGCTGCTGTCCACATCCCATGGAAACATGGGT  
ACAATCAAGTGTGTTGTCAGCCTGACTGTTGCTGGCTTTCATGACTTTAAAAATAAATTGTGATCAATAAT  
AGTACATTTGATTATACATTTACTACTGTGCTCTGATGTACTATTGTTGTACATTTAACCTGGCAATG  
GTTTGTAGTAATCAACTTTAAAAAAAATGTTGACAAGCTCTGGTTGCTAATTTTGTAGAAAATGAGGAT  
ATT

>GBEQ0595 |Acc|CD528318|Ver|CD528318.1 GI:31566940|LeukoN3\_1\_B06.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B06\_A025 3', mRNA  
sequence.:Start:1:Stop:540

AGAGCTCAGAAATACTGCAAGTATGCTGGCAGTGCTTTGCAATATGGAGATGTGAGCACTGCTGTGCAGA  
ATCTACAGAAGGCTCTCAAGTTACTGACTACAGGCAGAGAATGAAGCCTTCGTACAAGACATCCGTGCAT  
TTTTGGCCTAAAGAACTAACAGTGTCTTACATTTCTATCTTCAGCCCATCAGGAGCACAGTTTAAAGGAGG  
ACTTCAGTTCCGCTGACTGTAACAGTGAAATCTGTGCTGCGCTCAGATTCTGTTGAAGCCTTCAGCAG  
CAGCCTCGGCCAGTTTTGCTTGTCCATTTAGTGGATCCAGTAATCTCTGGGTATACAGGGCTGATGTTAG  
CAAGATCCTAAAAATTTATGCCCATTGAACCTGCTTCAAAAAATGAAAAATACAGTTCTATAAAATGTAT  
TGGGAATAAGCTTTGTATCTTAATGTAAGTTAAGGAATGTTTTAATCTATAGTCTGGACAGACAGATCA  
TATGACTTTGCTATAAAATCTAAATTTAACTTTTAATAAAAAGATTGCC

>GBEQ0596 |Acc|CD528306|Ver|CD528306.1 GI:31566928|LeukoN3\_1\_C02.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C02\_A025 3', mRNA  
sequence.:Start:1:Stop:614

CCAGACAAAAAGCCTTACAGTTAATTTTAAATGTTTGCACCTTTGGGGTGCAACTTACAGGGAGGGCCTGA  
AAAGAATGGGAGGGGGCTTTAAGTATTTTTAGTAAAATGTTGCCCTTGTCTTGTGCAGAACATGTAGAAT  
ATGCTCTTTAATTTAGTAAATATTTTTTTAAAGTTAGAGATGCTTGTATTGTAGCTAAAGCAATTTCT  
TAATCATAAATTTCTGAAATCTTGTAAATTTTTTTTTCATACTTATCTGAAGTTGTTTACCAACTTATTT  
TTGTTTGAAGTGTGATTTTCTTTTCTCTCTTCCCAACCTTTCTGCAAAAAAAAAGTGGGTTTCT  
GCTAATGAATTGAGCAGATATCTAATATTTTATATGCCCTTTTGTAGCTGTGTAACCTAATATTTGGATACT  
TGATAATTTGTTTTATTTATGTAATTGATAAAATGGTGATGTGTTAATGTTAGTTCAACCATATATTTA  
TACTGTCTGGGGATGTGTGTTTATAGTTCTGTGGGAGAAATAATTTGTCAGTGTTCACCAGCTTGTAATA  
ATTTAGTGCGAGAGCTTAAACATCTAAATAAATAATGAAATGCATCTATCATCA

>GBEQ0597 |Acc|CD528303|Ver|CD528303.1 GI:31566925|LeukoN3\_1\_A09.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A09\_A025 3', mRNA  
sequence.:Start:1:Stop:637

AGGTAGAGATGGTCTAGTAAAGATCTGGTTGTAGTGTCTTCTCCGTTTAGCCTGTGTTTATCTTCTCTTAT  
GTGTTCCAAGGCGACTTATTGTTTCTGCTCAGTGCATTACAGCTAGAAAGCATTTCATTAGCAAAAGGAGA  
AGCAATCTCAACCTAACAAATCAGAAATGTTTCTTATTATTTTATATTGAGTTGAATATTTGACTCTAAC  
ACTTTTCTACATACAGAACACAAGTATCTTGAAGGTTCTTCATAATTGCATTGTAGAGGAATTTAAGTAT  
GGCATAAGTACTTTCTCAAAGATTGAGCATTTGACTGTAGTATCCATATGTTGGTTAATTTCTTATGAGCC  
CCATGATGGAAAGACAAAGATGAATTTGAGAAAAATTGAAAGAAATTAGATTATCAGGTTCTGTAAATT  
GTTACATGTATCTTGTCTAAGTTTTTGTCTAATTTATATCCACCAATTACATAAAGTAAATTTGGAGG  
AAACACCTGAAGTTGTGCAATATTTTTCAGTGATATTACTTTTTTTATCCTTGTGTTTTCTACTTCAACAT  
GATGTCTATGTCACCAAGTATTATAGTCAGACTTTCTTTTTTCTAGATTGTTAAATTTGGTAAATGAACT  
TTTTTTT

>GBEQ0598 |Acc|CD528292|Ver|CD528292.1 GI:31566914|LeukoN3\_1\_B07.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B07\_A025 3', mRNA  
sequence.:Start:1:Stop:535

GCTGGTGAATAACCAACCATGACAGCATGGATGGAGATCTTCCGAATATTATTGACAGGACTGTTTCTT  
CCTGAGACTCTGCAAAATGATGAGGATGACAGACCAGAATTAGTCTGGTGGAAATGTAAGAAGTGGGCAC  
TGCATATTGTAGCTCGTCTCTTTGAACGATATGGAAGCCCAGGAATGTACAAAAGAGTACTTTGAATT  
TTCTGAATTTCTTTTGAAGAACTATGCAGTGGGAATTCAGCAGGTACTACTAAAAATTTTAGACCAATAC  
AGACAGAAAGAGTATGTTGCACCCCGTGTCTTCAGCAAGCCTTCAACTATCTCAACCAAGGGATTGTCC  
ATTCTGTGACCTGGAAGCAGATGAAACCACACATACAGAATATCTCTGAAGATGTGATTTTTTCGGTGAT  
GTGTTATAAAGACGAAGATGAAGAGCTGTGGCAGGAAGATCCATATGAGTATATACGGATGAAATTTGAT  
ATTTTGAAGATTATGCTTCTCCACACAGCGGCCAGACTCTC

>GBEQ0599 |Acc|CD528291|Ver|CD528291.1 GI:31566913|LeukoN3\_1\_F02.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F02\_A025 3', mRNA  
sequence.:Start:1:Stop:219

CGGAAAAGAAATAGATGTTTGAAGAGTGCTTTATATATTAATAAATTGCTTTATGTTTAAAAATGATCAA  
TGTTTTGATTGTTTTCGAAGAAAGAAAGACAATGGAGTAACATACCCTCAAGTATGTTTAAAAAATATAT  
GAACATTGTGCTCCCTGCCTGCTTGATCAGGAACTTGTGCATTACATTTTTTTTAAATTAGCTTTTTAAT  
GGTTTTATC

>GBEQ0600 |Acc|CD528290|Ver|CD528290.1 GI:31566912|LeukoN3\_1\_C09.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C09\_A025 3', mRNA  
sequence.:Start:1:Stop:645  
TGATAAAATGGTGAGGTTCTGGAGAATTGACGAGGATTATCCTGTGCAAGTCGCACCCTTGAGCAATGGT  
CTTTGCTGTGCCTTTCTACTGATGGCAGTGTTTTAGCTGCTGGGACACATGATGGAAGTGTGTATTTTT  
GGGCAACTCCGAGGCAAGTCCCTAGCCTTCAACATTTATGTCGCATGTCAATCCGGAGAGTGATGCCCAC  
CCAAGAAGTCCAGGAGCTGCCAATTCCCTCCAAAGTTGTGGAGTTTCTCTCCTATCGTATTTAGAGGGTC  
TGCTTCCCTGCTGGGAGGGGCTGACAGCACCCTTTACACAAACCTCAAGCTTTACTGACTTCAAGTATC  
TGTTCTTCAAGGTTTAAAAGATTTATTTAATTTGATACATTCTGTATTGCATTGCTAAATAGTTTGTG  
TTGTACTAAGGACGATTATTTCAAGACCATGTTTTTTGCGCGTTTCTTTTTACATGTATCCTGTGTT  
TCTGTAGGGGATAATATTGGTGACTTGCCAAAGAGAAGCCATACAGCATGTCTGCTTTTGCCTTCTGTTG  
TTATCTCACCTGCAGATACTAAGAATGTATGCATTATGTAAATGCTTGATTATATATTTTGTGAGT  
TTTTTAATTAAGAC

>GBEQ0601 |Acc|CD528288|Ver|CD528288.1 GI:31566910|LeukoN3\_1\_G04.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_G04\_A025 3', mRNA  
sequence.:Start:1:Stop:573  
GAGGTGGTGGCGGTGGTGGAAAGTGGTGGAAATTGGCTATCCATACCCTCGTGGCCCTGTTTTTCCCAGCCG  
AGGTGGTTATTCAAACAGAGGGAACATAACAGAGGTGGAATGCCAACAGAGGGAACATAACAGAAAC  
TTCAGAGGACGAGGAAACAATCGCGGCTACAAAATCAATCTCAGGGCTACAACCAAGTGGCAGCAGGGTC  
AATTTTGGGGTCAGAAGCCATGGAGTCAGCATTATCACCAAGGATATTATTGAATACCCAAATAAAACGA  
ACTGATACATATTTCTCCAAACCTTCCAAAGAGTCGACTGTTTTCTTTAGTAGGCTAACTTTTTTAAAC  
ATTTCCAAAGAGGAAGTGCCTGCGGGTTCCTTTTTTAGAAGCTTTGTGGGTTGATTTTTTTCTTTTCTT  
TTTTGTACATTTTAAAGTGAATCGTAAGAGAACCTCAGCATTGTGCACGATAAGAGA  
ATGTGTCAAGTATTTCAAGGTTCTACATTTTATCTGTAAATGTGACTTTTTTTTTTATCACAACAAAGT  
AAAATGTTGCTTT

>GBEQ0602 |Acc|CD528287|Ver|CD528287.1 GI:31566909|LeukoN3\_1\_H06.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H06\_A025 3', mRNA  
sequence.:Start:1:Stop:641  
CCTGGCGGGCGGCGAGTCAGTACTGGTGTCCAGATGGGCATTCCCATGCCCTGCTTCACCACTGCTCTTTT  
CTTCTATGATGATACAGACATGAAATGCTACCAGCCAACCTAATCCAGGCTCAGCGGGATTACTTTGGG  
CTCACACGTATGAACCTTAGCCAAACCCGAGCAATTTATCCACACTAATTGGACAGGCCATGGCGGCA  
GTGTGTCATCTCTCGTACAATGCCAATCAGACTCCTTGTGTTACCCACCACGATTCATAGACCAGG  
ACATTCCATTTGCCACACAGCACTGCTTACATGGCCCTTTGCCCTATTTTCTGCTCACATCTCTTAAAGT  
GTTGTAAGAGATCCTGAAAAAGTCAACCTGAGTTTATTTGTAAGGTAGTTCTGTGAGAACCGTCATGCC  
CTCTGCCCTTGTCTCTTGGGACTGACCAGGAAGTGATCATGTTCTGTGATGGCGCAAACCAAGCTGCCTGAA  
GCCGGGCTTTCCACACGTCCCTGCGGATGGGGGAGGCAGCAGCTCCTATCACATAGATGGGAAGGGTTTT  
TGTGGAATTTGATCAAACTGGAACCTTTGTATCATGCAGGTGAATTCCTTTTTCTCTACTTAATAAAA  
GCTACATTATA

>GBEQ0603 |Acc|CD528285|Ver|CD528285.1 GI:31566907|LeukoN3\_1\_A03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A03\_A025 3', mRNA  
sequence.:Start:1:Stop:608  
GCCCGGTTCAAAGCAACGTGACCAAGACTATGAAGGTTTTTGAGTACATCTTGGCCAAGCTGCAAGGCG  
AGGCTCCTTCCAAATCCCTTGTGGAGACAGCCAAGGAAGCCAAGGAGAAGGCAAGGGAGACGGCAGGCG  
AGCTACGGAGAAGGCCAAGGACCTCGCCAGCAAGGCCGCCACCAAGAAGCAGCAGCAGCAGCAGTTC  
GTGTAGGCAGCCTGGGCTTAGGGCAGCAGCCACAGACCGCCACCTCAGGCCCTCTGCCCTCTCCCC  
CTCGTACTTTCATGATTAAGTCAACTCCAGTCTCTCTACTGTCTGGGCGGTGGGCTGGGGGTGTGTC  
CTTTTGGGCATCTACGTTGACAGGACGTTACCAACATCTGAGCCGAGTCTGCTTATTTCTCACATTGG  
GCAGCTGAGGACAGAGGCACAGAGAGGTGCAGTGACTTGCCAGGGTCACAGACAGCGTGGGGGTGACAT  
GGTCATAAATGCTAGACTGTACGCTCCACGAGGGCAGGACCTGTGTTTTGTTGTCCGATGTGTCCAGGT  
ACCTGGAACAAGGTCCAGCATATACCAGGCACTCAATAAATATCTGTG

>GBEQ0604 |Acc|CD528281|Ver|CD528281.1 GI:31566903|LeukoN3\_1\_H04.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_H04\_A025 3', mRNA  
sequence.:Start:1:Stop:653

CAGCTTCAGCTAAACGCCACGGAGAGGGACGACAGGGCGAGCTTCATCTGCAACGCCACCCCTCAAGGTCTG  
ACGGGGGGATCTTGTACAGGAATGAGAGTGTCCAGCTGCGTGTCTGTACGGTGCCAAGATTGACCGAGC  
CAAATGTCCCCAGAACTTCAGTGTTGGAAGCAAGCATCGAAGGTCAAGGTGCTTGCCGGAACCCCATTCGTCTG  
CCGACCCCGGAGCTACAGTGTGTGAAGCAAGCATCGAAGGTCAAGGTGCTTGCCGGAACCCCATTCGTCTG  
TCAGATTAACACCATGGTACCTACATGTGCCACGCGAACAACCTCACACGGGAAGGACACTGTGACCGT  
GGTGGTGAACGTTCAAGCTCGGAACCCCGCCGTCGTCCCGGTGCTGGTGGTGTAGCGATCCTTGGCCTG  
ATCACTGTCTCAGCGGCTTACTGTATGTCTTCGTGTTGAAGAAACACTCCGTGAGTGACATCTACTATG  
TGAATCGGGGGAGCACCACCTGCTTGCCCTCAGGTCTAGGCCGGCTGACCAAAGACTGGGGGAGGAGTC  
GTCTTGAGCCTCGGGCCGCGGGATACGTGACAAAGGGGATGGGGGTTTGGCTGTGTCTCCGGGTTTCGT  
ACCAATAAAGCCTTCAAAATCCG

>GBEQ0605 |Acc|CD528280|Ver|CD528280.1 GI:31566902|LeukoN3\_1\_A01.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A01\_A025 3', mRNA  
sequence.:Start:1:Stop:592

TCGAGGAGCCCATGTGAGGCTAGTGAAGCTGGGATTCCCCAGAGCCCTGATGACTCAGACAGCAGCTA  
TGTTTCCCACTCCACTGATAGCCTTATGGGGTCTCCCTGTTTCAACCAGCGCTGCAAGAAGAGGATG  
AGGAAATATAAACGGAAAGAAAGAGATTTCTGTCCAGACCTGTACGACCCAACAGAAAACCATGATA  
TATTTAAATTTGTTCCATAAACAGTGATTTGACTCTTATTCTTAAACACAGTGGATTTTCTGATTTCA  
GTGGAAGTGGATTTAACCAAACAAGTTTGCATTTTACTTTTACATCCATTTTATGTAGTTTTCACACCA  
ACCAAGCCACCTTTACAGACAGATCATGATGCTGGGACGGTAATCAGGAAACCAAGCACTGTCCCTGA  
CCGTTGTCTTTACTGTGTGGCTAGACAAGTTACTTAGCTTCACTAGAGCTGTTTCTCATGCACAACCTGAG  
AGAATCATACCGCTTTGACCTACCTTGACGGGATGTTGTGAAGATTGAGATGTTAATAAACCTCAAACC  
TGTGCCTGAACAGACTCACAAAGTAAATATATG

>GBEQ0606 |Acc|CD528273|Ver|CD528273.1 GI:31566895|LeukoN3\_1\_C03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_C03\_A025 3', mRNA  
sequence.:Start:1:Stop:352

TTGACACCCCTTCCCGCCTTCTGTGGGGCTGGCATCCTGTGCCTGCCGCCATTTCTTCAGCCAGTTG  
GCACAGAGAGACGAGGTGTGGGTGAGTGCCAAGCAGGCTGCGGTGCGCAGGCATTGAGGAAGTTGGCCA  
CCCGCAGGCTCACGGGGCCGAAGGTGGTAGAGCTGTGTCACTGTGTGAGCGAGACACAGGAGTTTGTAGCT  
GGCCGGCCTGGTGGCCAGAGTTTCCCTTCAACTGTGTACAATACGTTTTTTTATCTGCTGCCATATTG  
TAGCTCAATACAAGGGGAATTTGTTTTTCGGTTTTTTTTTGGGTTTTTGGTAATAAACGGGTTTCGGTTCC  
TT

>GBEQ0607 |Acc|CD528265|Ver|CD528265.1 GI:31566887|LeukoN3\_1\_F07.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F07\_A025 3', mRNA  
sequence.:Start:1:Stop:537

ACTGACCACGTGATGCTCTTACCCAGACCAAGAAGCAGGCCCCACCGCATGCACATCCTCCTGGGGCTCA  
TGGGGCTGCAGGTGGGCGAGCTCCACGGCAACCTGTACAGACGCAGCGGCTGGAGGCCCTCCGGCGCTT  
TAAGGATGAACAGATTGACATCCTTGTGGCCACAGATGTGGCAGCCCGTGACTTGACATCGAGGGAGTC  
AAAACGGTAATCAACTTCACAATGCCCAACACCATCAAGCATTATGTCCACCGGGTAGGGCGAACAGCGC  
GTGCCGGCCGGGCTGGGCGCTCGGTCTCTCTGGTGGGAGAAGAGGAGCGGAAGATGCCGAAGGAGATCGT  
GAAGACCGCCAAGGCCCTGTGAAGGCCCGGATACTTCTCAAGATGTCTCATCCTCAAATTCCGGGACAAG  
ATTGAGAAAATGGAGAAAGATGTGTATGCAGTTCTGCAACTGGAAGCTGAGGAAAAAGAGATGCAACAGT  
CAGAAGTCGTCTGGCTTAGTCTTCTTTCTCTATTGTCAAAAAAAT

>GBEQ0608 |Acc|CD528172|Ver|CD528172.1 GI:31566794|LeukoN3\_4\_E01.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E01\_A025 3', mRNA  
sequence.:Start:1:Stop:565

CAAGCCCATGCTCCGACGAGGCAGCAAGTGGGTAGCCAAGACGGGGGTGTTCTAGCCTCGGCCCTTC  
TTCCACGAGTACCTGGTGAGCATCCCCCTGCGCATGTTCCGCCTCTGGGCCTTCACTGGCATGATGGCTC  
AGATCCCGCTGGCTGGATTGTGAGCCGCTTCTTCCGGGGCACTACGGCAATGCAGCTGTGTGGCTGAC  
ACTCATATTGGGCAGCCAGTGGCCGTGCTCATGTATGTCCACGACTACTACGTGCTCAACCATGAGGCC  
CTGACGGCAGGGGCTGAGCTGCTCTGGGGCCAGCCCTCCTCACTGCCGCTCCTCATGTCTGCCTCACT  
GTCCACAGCTAGAGCCTGCCACTGCCTGTGTTCTGGGGAGGGGGCTGGCTGCCACACCTCCTCTCGGC  
CACCGGGAGGTCTCTGCCCCATAGGGGCTCCCTCCTATCGCTCAGGGATGGCGGATGGGGCACAGGC  
CAGTGCCAGCAGGTGCCAGTGCCCTAGGAATCCGTGCTGATCCTGCCCCAGGGTCTGAGGATATCAATAA  
AATGC

>GBEQ0609 |Acc|CD528168|Ver|CD528168.1 GI:31566790|LeukoN3\_4\_H07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H07\_A025 3', mRNA  
sequence.:Start:1:Stop:619



AGGAAGAGAAATGATATTCACTTGTAGCAGAAAAAAATTTGGGCTATCTGCAAAGAATCTGTGACTT  
CTTGGCTAAAGGCTCTTTGTNTTAGGCATTCGATGAAGCGATCGCTGAATTGGATACACTGAATGAAGAG  
TCTTACAAAGACAGCACCCTGATCATGCAGTTGCTTAGGGACAATCTCACTGTAAGTACGGCGGGTTTCA  
GTGACTGCTTATGGAGGAGGGTTTGTAGTCTGTTTCGCTGGTCACCTACTTAATAATTCAGTGTGCCCCA  
AGACTCGAGGGCACTTGTGTACTCTGTAAGTACAGCTAAATTTTAAATTGTTATATTGGTTAAAACGAC  
TGCTGAGGTTTTGACCTTTGAGTCGTCAGTGTCTGCAGTAATACAGGAAGAATTCTCACAGTCGAGTGA  
GAGAAGATGATAGTGCCTGGGCCCCCTCCCTGAGTCAGTTTCACCAGCCCTGCTGTGATTGGAGCTCTGT  
TTCTCTCTTACAGCTGTGGACGTCGGAACAGGGAGATGAAGGAGATGCTGGGGAAGGAGAGAATAA  
TATCTTTCTGCTTCGTGATCTGTTCACTGTCTGTACCCTCCTACATATATCCCT  
>GBEQ0610 |Acc|CD528162|Ver|CD528162.1 GI:31566784|LeukoN3\_4\_H09.b1 A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:682  
TTATGTTTTAAAAAATAAATAAATTTAAGAAAAACATTTTAAATTTATGCACAGTTGCAGCCTGGAAAAAC  
TTAAGGTGGCGCCCTTAGGTATCAATTTTAGGAGCTTTATTTGGTGCATTTAACGCAACTGGTAATTGCA  
AAATCCACTTTGCCCTGTGTAAGTGAATAATATAGACTGTTATCTTGTGGCCCTATGAAATTCTGCACCTT  
GATATTTAGTATATACTCTACCTTCATTACTTCTGGCAAGATGTTCTGCCTTAGCACTCAGTTGCATTCT  
TTTTCTTTCTGTTCAATTGCTTTAATCTGAGGACCATATGAGGGTAGAATATATTTAAAAATTACAAA  
AATTTGTATAGGCAAAACCATTTCCCTTAAGTTGATGGCCAAATGTTAAATGTTATTTTTCATATCATTTA  
TAATCTTGTACAGTCCACTTAACGAAGTTTGGTTAGATTTCACTGAAAATTATCTTCCAGAGTAGTTTT  
TTTCTAGGATGGGGGGGTAACCTTACTACAATTAGAATGTATGGTGCAGAAATTCATGCAAATGAGGC  
GTGCCAGCAGTGTGATAATTTAAACGTATTTAAACGAAAAACAAAAGACGAATGCACAACTTGCTGCTG  
CTTAGATCACTGCAGCTTCTAGGACCCAGTTTCTTTTACTGATTTAAAAACG  
>GBEQ0611 |Acc|CD528159|Ver|CD528159.1 GI:31566781|LeukoN3\_4\_A08.b1 A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A08\_A025 3', mRNA  
sequence.:Start:1:Stop:678  
TGCAAGACATCCCTTTTGTAAACAGATTTGTTTCTTTTAAATGTTTTACCTAAAATTTGACATGCTTACAG  
GACAGTTTTGCCCTTACTTTTATTTAACATTGTAGAAATGTAATTAATAAACAGTGCTCACTACACAATT  
TAGAATAGGCTTTCTCATTTTATATTCTCTTCCAAATTTGATCAGTTAGCAAACTTAATACACCAATTGA  
AATATTTCTACATATGATGAGAATGTTTACAATTTAAATTTAGAACTTGTTTTGGATGTGATTATATGT  
ACGAAATCGTGTAAACCATATGCTCATGCTAAGAACCAGACATAACAGAATTACTGAAATAAATGTGCTGT  
GAGGAATGGAATAATATGGTGCAGATGTCTTGGTCATGATGAATTGTGATTCTTCTTTTAACTCTTTC  
CAAAAACAAATFACCTTCTTTTAAATTTGAAATCAGATTCCTTTACAAATAACAGTTTTTGTATGCAAGCAC  
CATTTCAATTTTATTTATGATAGTATGGCTAATACTATAGTTGAAACAAGGATATGCATTGATACTTTTCT  
TCGTATGTAAATAAAGTTAAACAGTTAAATATAAGGAGTATTTTGGTAGAGTATATACATACCTCACTG  
CCAGTGAAATGCTTTCCTATGGTAATCTCCTTACCAGAAAAATCTCT  
>GBEQ0612 |Acc|CD528158|Ver|CD528158.1 GI:31566780|LeukoN3\_4\_B03.b1 A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B03\_A025 3', mRNA  
sequence.:Start:1:Stop:555  
GTTATAATGTTTCATGTTCTTATCACTTTTGCATGTGAACAGATACTTTAACTTCTAACAAAGGCCAATG  
AACAGAAAGTATTTAGTGTGCTTACTCTCCAACGTGGAAATFACCTTTTCTTATTTTCTAAAAGCGTCAT  
TACATTTTCTTATATATAATATAATTTCTCTTAATGGGAGTAGCACTGCTTTTATTCATCAAAGTGCAT  
TGATAGTGGAGGTATTTTTTTTCTCAGGAGGTCAATTTATTTTAAATTGGAGGATTAAGAGGCTTTGCAGA  
GTCTATTTCTTGATTGGATTTGTTTTAGTTTTGGGTGGGGTATTTTCATATTCATTAGTTTTTCTCTATG  
AAGCAATTTAGATTGATTTTTTTTCTTTGTTAAATCTAACTGTCAGTGTGTTTTCTAGATTGGAAAGTG  
GAAATGAAATACATTATATAATAAATGATTAATAATAATAAAGGTTACATATAGTTTTAAAGCTTCA  
AAGAGTCTTTTACAAAATCAGCTTATATTCTGAAATGTTTATAATAAATTTGTTCTAATTCTGC  
>GBEQ0613 |Acc|CD528152|Ver|CD528152.1 GI:31566774|LeukoN3\_4\_D12.b1 A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_D12\_A025 3', mRNA  
sequence.:Start:1:Stop:653  
TATTTAAGGACTGTGGGTGAAAAGCTTCTACCTGGAATTGAGGTGCTTTGGACAGGTCCCAAAGTTGTTT  
CTAAAGAAATTCAGTAGAGTCCATTGAAGAGGTTTCTAAGATTATTAAGAGAGCTCCAGTAATCTGGGA  
TAATATTCATGCTAATGATTATGATCAGAAGAGACTATTTTGGGCCCATACAAAGGAAGATCCACAGAA  
CTCATCCCACGGTTAAAGGAGTCTTGACTAATCCAAATGTGAATTTGAAGCCAACTATGTTGCTATCC  
ACACCTTGGCCACTTGGTACAAATCAACATGAATGGAGTGAGAAAAGATGTAGTGATGACTGACAGTGA  
AGACAGTACTGTATCTATCCAGATAAAGTTAGAAAATGAAGGCAGTGATGAAGATATTGAAACTGATGTA  
CTCTATAGTCCACAGATGGCTCTAAAGTTAGCTTTAACAGAAATGTTTGCAGGAATTTGGCGTGCCTCATC  
AGTACAGCAGTAGGCAGGTGCGACACAGTGGAGCTAAAGCAAGTGTAGTTGATGGAACACCCCTTAGTTGC

AGCACCCCTCTTTAAATGCTACAACGTAGTTACAACAGTTTACCAGGAGCCCATTATGAGCCAGGGTGCA  
GCCTTGAGTGGTGACCCTACAGC

>GBEQ0614 |Acc|CD528151|Ver|CD528151.1 GI:31566773|LeukoN3\_4\_C03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_C03\_A025 3', mRNA  
sequence.:Start:1:Stop:465

TTTAAATAAATAAATTGAGGCCAAACAGTTAAGACGTTTTATTTTTAGAACAGCAAGTTAACTGTAAATAT  
TTTAATGTTAGTTTGTCTCATCTATGATCTGAGATCATGCTGAAGTGAGAAAAATGTCCCCCAAACCTACAA  
TTTAATGCGTTGGGAAAAAAAACCTAAAAATAGTAATCCAGCTACAATCTTCGGATCACCCCTTGTAAAT  
GTGTTATGGGTCCATTTTTCTTGGGAATACCTTAAACCGAAGCAGTTTCCCCCATTTTGGAGATTTTGTAG  
TTAATTTTAAATTTGGCTATTGTTTGGAAAAGATGGGCTGTCTGTGTAGATATGAAGTATAGTTTTCCTCA  
TAAACAGATGTTTATTTTGTATTAAAAATACCAGTGTACTTGTTTTACACCATTGTATACATGTGGTG  
ATATTAATGCTGAACGTGTAATAATTCAGGAATTAATAATGTGACCCT

>GBEQ0615 |Acc|CD528148|Ver|CD528148.1 GI:31566770|LeukoN3\_4\_F09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F09\_A025 3', mRNA  
sequence.:Start:1:Stop:399

TTCCAGGATGCCGACGGCCTTTGCCCCACCCAGCTTGAGTGGGCCATGAAGCTCTGGTGGCCACACAGCG  
AAGCCATGATTGCCTTCTCATGGGCTACAGTGACAGTGGGGACCCTGCCCTTACTACAACCTCTTCTACCA  
GCTGGCTGAGTACACCTTCCGCCAGTTTCGCGATCCAGAGTTCGGGGAATGGTTTGGCTACCTGAACCCG  
GAGGGGAAGGTGCGCCTCACCATCAAGGGGGTCCCTTCAAAGGCTGCTTCCACGTGCCACGGTGCCTAG  
CCATGTGCGAGGAGATGCTGGGAGCCCTGCTGAGCCGCTTGCCTTGGCCCCGGCCCCGGCGCCCGGTT  
TCCGCCCGCTGTCCCCGCCGCCAAGGAGCGGAATAAAGCTGAGCCCTAC

>GBEQ0616 |Acc|CD528145|Ver|CD528145.1 GI:31566767|LeukoN3\_4\_B04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B04\_A025 3', mRNA  
sequence.:Start:1:Stop:498

GATTTAGAGTACCAGAAGTTTCAGAGTTTGTGTCAAAGCAGTCAAAGACTCTGCTTGTATTATTTTTTTCACA  
CTAGGATTTCTGGCCTTTTATAGATTAATATTGATTGTATAGGGAGCAGAAAGACAATAAAGAATCGAACAT  
TTTCTTTGTATACTTTTTTATGCTAATTTTATTGTTATACATAAACAGTAGTCTTCATTTTTTAAAGTCTT  
TCACATTTTCCACTCTTCTTTTTTAAATGAAGTATTTTCATAGCTACGAAAATATACAAATGTGTATATA  
AGGTATAAAGAAGAAGAACTGTCTGTGCATCCATCATCCAGCTTAGGAAATGAATGTTCCCTGCCCTTTA  
GAAGTCCCCCATGTGCCCTCTCCTCTCAAGTAATTTATTATGAATTTTGTGTTTGTATTCTCTTGT  
TTATTGTAGTTTACAACGTATGTGTGTATCCCTAAATGAAATGTTAAGTTTTGTATGTTTTGAATTTTA  
TATAAATG

>GBEQ0617 |Acc|CD528142|Ver|CD528142.1 GI:31566764|LeukoN3\_4\_B12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B12\_A025 3', mRNA  
sequence.:Start:1:Stop:640

GAGAAAGACTTTCAAATGGAGAAAGATAAGTGCTCAACATGTACAGTGTGCTAAGATATTTATTACATAT  
TTATTACAAGGCGAAAAACCCCAAAACACTTTATGAAAATTAAGTATTTAATGTCCTTTGAACAGTCAC  
CATTTACTTACGTAAAGTGACCTCTGTGTTCAATTTTTATTGCACTTATTATAATCTAGTACTGTACACTA  
AGAGTTAACATGATATGGTCATAAATTATTTTAGTTTGTAAATATTGTTCACTCTTACAGAAATTTATGTC  
AACTTCTAGGTTGCTTAAGTGTTTAAATTTTTAAGGGTTCTAATGCAGTTCATTTTTGTACTGTAT.  
ATGTGTTTGATAGAAGTACTCTTTATTTATAAAAGACCTTATTTTATAGTCTTAGGAGTATGAAAAGAA  
GGCTTCACTATTTGATAATTTTTTTTCTTTGATCCTGGAAAATTGAATACTTAAGACTTGGAACTTT  
AATTCAGATCACTAATTTACATTTTGTATTATTTATCTCAGATTATGAATAAGATGCAATGTTTGGCATG  
TATAAATATACACTGAGCTGTTAATATTTTGTTCAGTACAGTAGCAGTAAATATGAAAATAAAAATC  
AGAAGTGGCC

>GBEQ0618 |Acc|CD528139|Ver|CD528139.1 GI:31566761|LeukoN3\_4\_A03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A03\_A025 3', mRNA  
sequence.:Start:1:Stop:465

AAATAGATTTAAATTAATACCATTGGGGAATTCCAGGGTGAATTTATTAATTACCCAAGCTGCATTTTG  
CCAATGAATATGATGATCTTTTAAATTATGAAGAAAAGAAATAAAGTGAGGACTTAAAACAGTTCATGA  
AAGTGGACCTTTGAAAGCTTGTCAAGAGTTGCACAAATCTAATAGCTATTTTGTGTTTTGTTTGGAGG  
AGATTGCTAAAGTAACCCATCTTGCAGGACGACATTGAAGATTGGTCTTCTGTTGATCTAAGATGATTAT  
TTTGTAAGAAAGACTTTCTAGTGTACAAGGCACAACTGTGTCCAAGTGTATATAGCTGCCAATTAGTTTTCT  
TTGTTTCTTTTGTCTTGTCTATCTGTTTATGACTCAATGTGGATTGTGTTTATACAAATTTTATT  
TGTATGATTTTCATGTTAAACCTCAAATAAATGCTTCCTTATGTGA

>GBEQ0619 |Acc|CD528136|Ver|CD528136.1 GI:31566758|LeukoN3\_4\_E11.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E11\_A025 3', mRNA





CTGTTATTAAAGATAGTTACTATGAATAAGCC  
>GBEQ0624 |Acc|CD528117|Ver|CD528117.1 GI:31566739|LeukoN3\_4\_E04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E04\_A025 3', mRNA  
sequence.:Start:1:Stop:568  
GATTTGTGGCCAAATTTGATGAAAAAGATGAGGTTCTAAAGAAATGGTGGCATGAGGTCAAAGACCCCTCT  
CCCTTCTTTGTAGAATTAAGATAACTTTGATTTTATAGCTTTTGAGCTAAAATAACTTTTGTAAGATTA  
AGCTCATTTAGATTTTTTTTTTTTTTAAAGTATTTTCAAGCAGGATCTGCTGCAGGGGTTTGTGTTATTTGTT  
TATTTGTTTGCTCAGTTTAAATTAAGTCTTCAAGCTTTGAATACTTAAGGCTTTAGAGGGAGAACTCAA  
TCTTCAATTATGTTGGCTTTTTATAAAGCTTGAGTTATGTAAGATTTCAATAAAAGTTTGCTACCAAGAT  
GATTGCCTTATTGAGTAGGTCACATTTAAATTCCTTTATATACTGAAAATCTGCTGTTGTGGAAGCAGT  
ATAAGTTCTCCTTATGTGTAACAAGGCAGGCCTCAGACCAGCAATAAATTACTCAGTTTGGATAATAT  
TTTGTGCTGTTTCATCAAATTTGCCAAAGTTATATCTGTTCCTTTAAACAAGTTAAGTTAAAAATAAAGAT  
TTGTAGTC  
>GBEQ0625 |Acc|CD528116|Ver|CD528116.1 GI:31566738|LeukoN3\_4\_F06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F06\_A025 3', mRNA  
sequence.:Start:1:Stop:680  
TTCTTGGAAGCTGGGTGCGGTCCTCTCATTGGCATATACACTACTCCTTGCTGCAGGGCACTGTTCCACCT  
GGATCCAGTTACAAAGTTTATTTGAAAGTTGAAGGCCTCTCTTAGTTCTACTGGATTCTCAGGGAGCCC  
TCTGTGGCCTTTTGTCTTATTCTGAGTGCTGTTTCCCTTTTACCAGAGGGCAGCACTATGTAACCTTCTG  
TTTTTCCCCATAGCATGTTCTGTTTCGATGGCATTACTGGCAAAGGAAGGACAGGCCACATATTGGGCAGA  
AGTCACCATTCAAGGCTAAGGTGGGCTTCCAGTTGCCTTAATAGAAGTACTCAAGTCTCTTGAGTAGTGA  
GCTGGAAGCCTACAGGAGAAGGTTTCCCTTTTTCATTTGAAAACCTTATGATTAAGAGAACCTTTAAAAA  
ACTGATCTCAGATAAACTCTTGGTGCCCATTTGGCTGCAGTTTGCTGCTTTCCCTTGATGGATGAGACTCTA  
AACTGTTGTAACCTTATGTGCTGTTTTGCCCCAGCTAAGGCCATCCTTGCCCCACAGGGATGGCTTTGAGG  
TCGGAACATAGGACTTTGGCTTCTGTGTAGTGCATCTGTACATACCTATTTCAAGCAACTTTCTTTAAT  
GTTTTTGATTGGTTTGTATCATAGCTCAGTAGGTGATAATAAAGTTAAAA  
>GBEQ0626 |Acc|CD528111|Ver|CD528111.1 GI:31566733|LeukoN3\_4\_A09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A09\_A025 3', mRNA  
sequence.:Start:1:Stop:629  
GCAAGGACGGCCGCTGGACGGAGCTGGCAGGCTGCACAGCCGACTTTCGCAACCGCGAGCATGACACCTT  
CCTGGCTGTGCGCTATTCCCGGGGCGCTCTGACGGTGATGACTGACTTGGAGGACAAGAATGAGTGAAG  
AACTGCGTCGACATCACGGGGGTGCGCCTGCCACCGGCTACTACTTTGGAGCCTCGGCCGGCACC GGTTG  
ACCTGCTCGATAATCATGACATCATCTCCATGAAGCTGTTCCAGCTGATGGTAGAGCACACACCTGACGA  
GGAGAACATCGACTGGACCAAGATCGAGCCAGCGTCAATTTCTTAAAGTCGCCCCAAGACAACGTGGAT  
GACCGACGGGGAACTTCCGAGTGGGCCCCCTGACGGGGTGGCGGGTGTTCCTGTTGCTGCTGTGTGCGC  
TCCTGGGCATCATCTGTGCGCTGTGGTGGGGGCGTGGTGTTCAGAAAGCGGCAGGAGAGGAACAAGCG  
TTTCTACTGAGTGGCCGGCACTGGCTCGGGGAAGGGCCTGACCTTGGGGCCAGCACTAATGTGAACCTT  
TTTTTACTGGGATGTAAAGAAAAACAAGGACGACCTTATTCTTAACCGTTTCAAAGAAATAATTAAG  
>GBEQ0627 |Acc|CD472332|Ver|CD472332.1 GI:31393600|LeukoS6\_5\_B11.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_B11\_A028 3', mRNA  
sequence.:Start:1:Stop:490  
GCCAGCACCTGAAGTCCAGGGCTACGTACAGCGCACGGGTGAAGGCCAGGGCTCAGAACTACAACAGCA  
CCTGGAGTGAGTGGAGCCCCAGCACCGTGGCATAACTATTACGAGCAGCCCTTGGAGCAGCGCTCCC  
GCTTGGTGTGACATCTCCTGCGTTGTCATCTGGCCATCTGCCTGTCTGCTATTTTCAAGCATCATCAAG  
ATTAAGAAAGAAATGGTGGGACCAGATTCCCAACCCAGCGCACAGCCCCCTCGTGGCTATCGTCTCCAGA  
GGGAGTGGGTACAGCCCATGACCCAGCCGAATGGGGCATTCAGACAGCTGACCCGGCACGTTTGGCT  
GCACATGGCTCAGACCTTGGGTGAGTAACGCTTGTGTTGTGTATCTCAAAGATTATTTTATCTCCTGG  
TATTTGTGTTTGTGAGGACGGTGAATGGGGGGTCTGGAGTCTTGTATGAATAAAGATTCTTTCTCTC  
>GBEQ0628 |Acc|CD472327|Ver|CD472327.1 GI:31393595|LeukoS6\_5\_H10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_H10\_A028 3', mRNA  
sequence.:Start:1:Stop:366  
GTACGGGGACTTCGAGGAAGCCTTTGACCATCTGCAGAACAGACTGATCGCCCCAAGAACCCCGAGGAG  
ATCAGGGGGCGGGGACTGCTCAAGTACAGCAACCTTCTCGTGGGGGACTTCAGGGCCACAGACCAGGAAG  
AAATCAAACCCCTGGAGCGTTACATGTGCTCTAGGTTTTTTCATCGACTTCCGGACATCCTTGAACAGCA  
AAGGAAGTTGGAGACCTACCTTCAAACCACTTTTGGCGAAGAGAGAGGAGCAAAGCTGAGGATTCTTTT  
CATCAATAAACCAAGCCAGTAGCTGGAGGATTGAGATCTGATTGGAAGTGGTTCGTGGTGTAGATGCTG  
TGCTATCACGAGGAAT

>GBEQ0629 |Acc|CD472316|Ver|CD472316.1 GI:31393584|LeukoS6\_5\_C11.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C11\_A028 3', mRNA sequence.:Start:1:Stop:461  
TGGCAGAATTTGATGATAGTGGTCATAGTGATGAAGACCAGTGCCAGTTCCAGGTGTCAGTGAACATAT  
GAACGAAGGGGATATAGATTTTGTAGTGTGAAGATGTGAACAGAGAAAGGGATACAGATTTTGTAGTGTGAA  
GACATGAATGAAGAAAGGGATACAGATTTTCGAGGGTGATACCAAAGTGTACAAGTCTGAGTTCGACACAT  
CTCAGGATAAAGGTGATTCTGTTTTATAGTTCTCAGCAGTGATGAAAGCCAGCAGTCCAAAAACAGTGA  
GAATGAAGAGGACACTGTGTGTTTTGTTGAAAACAGTGGTCAAAGAGAGTCAATTAATGAAGACTCAGAA  
AATATGTCATGTGACAATGCATTGTTTGAATTGACACAACCTCCTGGAGTGAGTGCTGATAAAAAATTTTT  
ACTTGGATGAGGAAGACAAGGCAAGCGAGGTTTCCCCTGAG  
>GBEQ0630 |Acc|CD472313|Ver|CD472313.1 GI:31393581|LeukoS6\_5\_C10.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C10\_A028 3', mRNA sequence.:Start:1:Stop:577  
TCGCAGAGTTTTTCATCATGGACAACCTGCGAGGAGCTAATTCCTGAATACCTGAATTTTCATNAGAGGTGTG  
GTGGACTCTGAGGATCTTCTCTAAATATTTCCCGTGAGATGTGCAACAAAGCAAGATTTTGAAAGTTA  
TCAGAAAGAAGTGGTCAAAAAATGCTTAGAACTCTTCACTGAAGTGGCAGAGATAAAGAGAACTACAA  
AAAGTTTTATGAGCAGTTTTCTTAAAAACATTAAGCTTGGAAATCCATGAAGACTCTCAAAACCGCAAGAAG  
CTTTCAGAGCTATTAAGATTTTAAAAATCTGTATGGCATGGCAATAACTACATAAGGGGATAAGATTTCTT  
TGTGCTTCTCAGTGTGAAACTGTGATTCTTTAGGCACTAAAGCAGAGCTAGTTTTTCTTTCTAGTTTGA  
TGTTGGCTTATTTTAACAGATAAGGTAACGTTTGTGTAAGATGTGTGTAACCTGATGTTAACTTGGTGG  
TCTGAAATGTTGAGCTTAATCAGGCAGATTTCCTTATTAGTACACCAAATCTTTTGTCAATTTAGGTGTTCT  
GAGATAGACTGATGTTT  
>GBEQ0631 |Acc|CD472308|Ver|CD472308.1 GI:31393576|LeukoS6\_5\_C04.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C04\_A028 3', mRNA sequence.:Start:1:Stop:143  
CACAAAAGCCTTGTTTACAAGGGAGTGGTGTAAACATTTATACCCTTTTGTCCACTGTGTTTAGTGACAT  
AACTGTTTCAGTAGTTATTAATTTGTGATGTAAAGAAATGTGAGAATATTCAGGTAGTGCTTTCTGAATGT  
TTC  
>GBEQ0632 |Acc|CD472304|Ver|CD472304.1 GI:31393572|LeukoS6\_5\_D11.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_D11\_A028 3', mRNA sequence.:Start:1:Stop:579  
GGGCAATGCATTTCAGTATATTTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAAAAAGTTTTATAGA  
AATTTTAAACCTTTTGAAAAAGAAGTTAAGTTTTATCACCTTTTTTCTCATGAATCTTAAAGTCTAC  
TTTATCTACCTTATGTCCTGGAAAAATACCTGCATTTCCCTTGTATCACATTCAACCAACATCACTATGA  
TTTAATCTACACTCTCTATTAATTTGCTTTAAAGAATAAATTATACTGTTTGTAAAAAATTCAGT  
TTGAGAAGAAAATTGACAGGCAGGGGTGATACCAAAGTCTTCAGGAACCTGACTGTTGTGAATTATAGA  
TATACCCCTTTGTATGACAAAACCCGGGTGAAGTGCGCTGCTCTAATGTTACCATTGATGTGTTTGCAG  
AGCTAGTAGACACCGTGTGTTTAGAAGTGTGATTGCTGTTATTAGAACTTAAGACCCAAATGAAAGCAC  
ATTGTGCTCTCAGGACTTCACACCACTTACCTTTTTTCCCTGTACATCTGTGTATTTCAAATGTTACTC  
TATTAAAGCAGAAGTATAA  
>GBEQ0633 |Acc|CD472295|Ver|CD472295.1 GI:31393563|LeukoS6\_5\_E11.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E11\_A028 3', mRNA sequence.:Start:1:Stop:321  
GTGGTCGGTGTGGTGGCTGGAGGTGCCCGCATTGACAAACCCATCCTCAAGGCTGGCCGTGCCTCCCACA  
AATATAAGGCAAGAGGAAGTGTGGCCGCGTGTGCGGGGTGTGGCCATGAACCCCGTGGAGCATCCCTT  
TGGAGGTGGCAACCACAGCACATCGGCAACCCCTCCCCATCCGCAGAGATCCCCCTGCTGGTTCGCAAA  
TGCGGTTTCATCGCTGCCCCGCCGACCGGGCGTCTCCGGGGAAATTAAGACTGTGCAGGAGAAAGAGAACT  
AGTGTGTTGGGGGCTCAATAAAGTTGGTCCTTCCTCCAAAAA  
>GBEQ0634 |Acc|CD472279|Ver|CD472279.1 GI:31393547|LeukoS6\_5\_A07.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_A07\_A028 3', mRNA sequence.:Start:1:Stop:542  
CAGTAGCTATTAATAACATCAAGTAACATCTGTATCAGGCCCTACATAGAACGTACAGTTGAGTGGGAG  
TAAACAAAATAAAAAGACAAATGTGCGTGTTAATGGCTATGTGAGAAAAATCGGGATAAAAGCCTAAACA  
GGAACAACCTTCATCACAGCGTTGATGCTGGATATACAGATGGTGATGGCAAAGGTTTAGAACACATTTTT  
TCAAAGACTAAATCTAAAACCCAGAGTAAACATCTATGCTCAGAGTTAGCATAAATTTGGAGCTATTCAGG  
AATTGCAGAGAAATGCATTTTACAGAAATCAAGATGTTATTTTGTATACTATATCACTTAGACAACCTG  
TGTTTCATTTGCTGTAATCAGTTTTTAAAGTCAGATGGAAGCAACTGAAGTCTAGAAAAATAGAAA

TGTAATTTTAACTATCCAATAAAGCTGGAGGAGGAAGGGGAGTTTGAATAAGTTCTTTTTGTTTGT  
CAAATTTTCATTAATGTATATAGTGCAAAATGCCATATTAAGAGGGGAATG  
>GBEQ0635 |Acc|CD472278|Ver|CD472278.1 GI:31393546|LeukoS6\_5\_G12.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_G12\_A028 3', mRNA  
sequence.:Start:1:Stop:543  
TCAAACAAATGGTGAGATTATCTGCCAAAATTGTGGCCAAGCTTGGGGAACGATGATGGTGCACAAAGGC  
TTGGATTGGCCTTGTCTCAAAATAAAGAATTTTGTAGTGGTTTCAAAAGTAATTACCAAAAGAAACAAT  
ACAAAAGTGGGTAGAGTTACCTATCACATTTCCCAGTCTTGACTATTGAGAATATTGTGTGTTTGTAGTGA  
TGAGGATTGACATTTGGTTCAAGATTCCCTCAAAATATTACCAACTGAACATTAATATGATTTTGTATTAA  
TGTTTTTATTATACTACAGAACTGCCGTGAGAATTAATAAAGTCATTTCTTTACTCTGTGTTTAACTGTA  
AAGAGGAAGACAGTATATTATGCTTTCAATTATCTGTTTTGGTTGTGGGCGGGGTAAAGGAAATCTAGC  
AATAATACTCGTTACTGTGGAGCACTATAGTATTGTGGGAAGAATACTGGAGTATAAATGAGGATCCAGG  
GTACCAATTTTCAGTCTGTCACTAATTTTGTAGAATAAAGTTAAGCAAGTCCAT  
>GBEQ0636 |Acc|CD472263|Ver|CD472263.1 GI:31393531|LeukoS6\_5\_C09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_C09\_A028 3', mRNA  
sequence.:Start:1:Stop:190  
TGTGTGCCATTAGTCTTTGGGGTGAATATTTGGTGTGAAGAACAACCTTACCCCAACACACTTACCCACAGC  
CACAGTGAGTAGAAGGATGGTGCCTACTGGAACCTGTTTACGCCAAATGATGTTTGGCCCTGTTGTGCTCT  
GTTTAACTCTGGAGTGGGGAAGTAAGCTCTTGCTTGTGCAACTGTTTTT  
>GBEQ0637 |Acc|CD472170|Ver|CD472170.1 GI:31393438|LeukoS6\_1\_A05.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_A05\_A028 3', mRNA  
sequence.:Start:1:Stop:569  
TGTGCACTTGGGTGAAGAATCTGGGAGTGGGAAAACAGTGTGAAGACGTATTAACCCACTGTGAATTGTAT  
GTTGTAGAAAATGCTGTACAGCGTTGGGCAGGACTTGAATTCAGGCGTGTGAAGTGGGTAGTTGATGT  
GTGGTGACATGAGAGAGATGCAGTGCCTTTTCCCATTAATTCCTGATGGAATTGTTACACTAGGTTAACG  
TTTGTAATGTTTTCTAGTTGTAATGTGTATGTCTGGTAAATAGGTATTATATTTTGGCCTTATGATACC  
ATAACAAAATTTGCTCTTTGGAAAATACCTAATGCCGAGCTAACAGTGCATGCTTTGGAAATTCGGAAGAT  
GGTTTTTTTTTAAGAAGCAAATACATTTGGTGGTTCATGTCAAGAAATTGACAGAATGTTTTTCAGAACCTT  
GTTTACAGAACTTGGCAGGTTGGGTGGGGCAGGTGAGGGAGAGACCATTGCATAGCTGTCAAGTGTTCCT  
AGTGACGTGCTTTTAACTGGAGAGGCTAACCTCAAAATATTTTTTTTTTAACCGCATTTTATAATAAATC  
GACACGATA  
>GBEQ0638 |Acc|CD472163|Ver|CD472163.1 GI:31393431|LeukoS6\_1\_C01.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_C01\_A028 3', mRNA  
sequence.:Start:1:Stop:676  
TAGGGAAAACCTGGAAGTGGGAAAAGTGCAACAGCAAACACCATCCTTGGGAAAACGTGTTTGATTCTCG  
AATTTCTGCTCACGCTGTTACCCCGATATGTCAAAAAGCATCCCGGAATGGAAAGGGAGGAACCTTCTT  
GTTGTTGACACCCAGGCTCTTTGACACCAAGGAGAACTGGAGACAATCTGTAGGGAATCAGCCGGT  
GTGTCCTCTTATCCTGCCCTGGGCCTCACGCCATCCTCATGGTTTTGCGGGTGGGCTACCACACAGAGCA  
AGATCAGAGTGCCATCGCATTGATCAAGGCTCTCTTTGGGAAGGCAGCCACGAAGCACATGATCATCTTG  
TTCCTGGAAGATTTATTTGGAGGATGAGAGCCTAAGCGACTTTATAGCAAAGTCGGATGTGAAGCTAA  
GAAACATCATCCAGGAGTGTGGGGACCGCTGCTGCGCCTTCAACAACAAAGCAGACAAAGCTGAGAAGGA  
AGCTCAAGTGCAGGAGCTGGTGGAGCTGATAGAGAATGGTGCAGAAGAACAGAGGGGCGTACTTTTCA  
GACGCCATATACAAGGACACAGAGGACATCTGGAAACGATGGGCAGAGGAGTTGAAGAAAATCTACACTG  
ATCCACTAGAGAATGAAATTAACCTTCTAGAAAAGGAATACGCTGA  
>GBEQ0639 |Acc|CD472156|Ver|CD472156.1 GI:31393424|LeukoS6\_1\_B06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B06\_A028 3', mRNA  
sequence.:Start:1:Stop:638  
TTTAGGGGAAGAGCCCGTGACGCTGTGTAGGCTGGTGTCCAGTTGTCAGGTGTCATCTCGTGTCTGGAT  
GTTCCCTTTGACAGATGATCCAGTCCCTCAAGGCGTTGATTGAAAATGACAGATGCTGTGTACGAAAAGATT  
GTACATTGTGCAAGGACAGCCATGGAATTCATGAACACTTGCACAGCATAGGCACCAAGAAGGTCTGA  
AGAGCGGAAGCTACAGAAAGCAGTGGAGAGCTTTACCTGGAATATCACCATCTAAAGGGACAAGCGGA  
TCTTTTGAAATATGCTAAGAACGAGACTTTGGAGAAGCTTGAACAAATCCACTTTGCTGCTGTTTCATGC  
GGGCTGAATAAACCAGGCACAGAAAATGCCGACGCTCAGAAGCCACGCCGAGCCTGGAAGTCATCCCCG  
AAAAAGCAAACGACGAACTGGAGAATGAGGGAAGCTTTCTAGAAATCATTATGGAGTTTATAACTCTAGG  
ACCAATTGTAGTCAAATGGGACATTTGCTTTGCACCTCACTATTGAAAATAATATTTGGGATTTTAAAGCA  
CAACTGGAATAGCTAATTACAGTCTATTAAACTGTGAATGTATGTAGCAATCCTACGTGTGAAGGCAAA  
TAACTCT

>GBEQ0640 |Acc|CD472142|Ver|CD472142.1 GI:31393410|LeukoS6\_1\_E10.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E10\_A028 3', mRNA sequence.:Start:1:Stop:536  
GAAGGGTGTGGGGCCTGCGGGCCGGAGGCTGAGGCGATTGTGACGGATACCGTTGTCTAGTTTTACACTC  
TAGTGCCATATATTTTAAAGACTTTTCTTTCTTTAAAGACGAGGAAAAATACTGTGTTGACTTCGTGAA  
GAGGAAGATCCGGCTTTTGGTGCTAGTTGTTTGTACCTGACCGTGGCTCACCCATCGTGAGCACTCG  
CCTCACCAACGGGAGATGCAGGAAGTGGGTCCAGATGGACTGAGGCAGATGGAGGAGGCCCTCTTCAC  
GCCGGTGGCCTGGAATGTTCCAAGGGCCAGACGAAGGACGGTGTGCGTATGTTTCGGGACCAGGAGTTCC  
TGCTCAGGACGACACTTGGCACCTGGTCACGCTGGCCGGAGAAGAAAGCCAGTTTCTCCTCGAGGAGTG  
TTCCAGTGCTTTGTCCACAGTGTTGTTGTTTATCACCTTTAGAAACCAAGTCTTGTACAGCATTTAC  
TGCTGAGAAGTGGCTTAATATTAATATCAATAAATGGATGAACCCC  
>GBEQ0641 |Acc|CD472140|Ver|CD472140.1 GI:31393408|LeukoS6\_1\_E03.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E03\_A028 3', mRNA sequence.:Start:1:Stop:536  
CGCCCAAGAAGAAAGGATCACTCCAGCATCCAGTGACAACCTGAACCCCCAAATAAAAGTCAAAGAAGAC  
ACTCAAGAAATGCCCTGTGCTCCCTCAGGCCAGTGCAAGTGATACGAGATGATTCTCTGAACCAAATG  
ATGCAGAAGAGCCCCAGGAGGCATCCAGCACACCTCCACAAAGAAAGGAAAGAAAGAAAGAAATGT  
GTGGTCAATTCCAAAGAAGAGATATCAGAAAAAAGCCTCCAAAAGGGACAGTCTCACCTGGGGATGAA  
ATCCAAGAGAAGTCCAAGTGGTGGATCAGGCAACTCAAAGAAGGACGACTCAACCAGGAAGTCAAAGG  
TCACGACAAGGGTCCAAAAGCCAGGACTGGATGTGCCAAACATCTGGACCAGAGGAGGTGAGTGATGA  
CGCTTCAGAAGTGAATGAAGGAAGGAGACCCAGGAGCCACCTAGCACACACCAGGAATCATGCACGAT  
CCCATGGATAATGGAAGTAAACAGTCTTTGGGAAAATCTCCCGGA  
>GBEQ0642 |Acc|CD472137|Ver|CD472137.1 GI:31393405|LeukoS6\_1\_H09.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_H09\_A028 3', mRNA sequence.:Start:1:Stop:458  
GACCATCCAAGTGCCTCAGCAGTGAACAACCCATCCTACTTGAACAGTGGGCCTCTGGTCTATTATCAGG  
TGGAGCAGAGGCCAGTCTTGGGGGTGAAAGGAGAGCCTAGTACAGAAGAAGTCCCGCCCTCTTTCCCTAA  
GGAGAAGGACCTCAATGTCTTCTCTCTCCCGTTACCTCACTGGTGGCTTGAGCCCCACTAGTGCCCGA  
AGATTGTCAACCTGAGGAGCCTGAGAACGAGACTTCCGCCCTCTTGGTCCCCCTCAAACCTCCCCCTC  
CGCACGACAATGCGGAGGGCTGTGTGGTGGAGAAGACCTCACCGCAGAGTGAGGACCAGCGCCCTGAGG  
ACCTTCCCCTGGAACCTCCCTTTGGTGGTGTGACCCGGGGATGGAGGTTCTGCCTCTTACCCAGTCTCTAT  
TTATTCCTTATTTTATCTAACACATTTCAAACAAAA  
>GBEQ0643 |Acc|CD472115|Ver|CD472115.1 GI:31393383|LeukoS6\_1\_F03.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_F03\_A028 3', mRNA sequence.:Start:1:Stop:624  
ATAAGACAGCTCCTTGCTAAATGTGGCTTGGTTTTGAGCTGGAGGAGAGTACAAGGTGCATCTGGAAAAAC  
TTCAAGCCTTTGGATTCTGTGAGTATAAGGAGCCTGAGTCTACCTCCGTGCACTCAGGTTATTGCATGA  
CCTGCAGATTGGAGAGAAGAAGCTACTAGTTAAAGTTGATGCAAAGACAAAGGCGCAACTGGATGAATGG  
AAAGCAAAGAAGAAAGCTTCTAATGGGAATGCCAGGCCAGAACTGTCACTAATGATGATGAAGAAGCCT  
TAGATGAAGAAACAAAGAGAAGAGATCAGATGATCAAAGGGGCCATTGAAGTTTTAATACGTGAATACTC  
CAGCGAGCTCAATGCCCCCTCACAGGAGTCAGACTCTCACCCAGGAAGAAGAAGGAGAAGAAGGAG  
GACATTTCCGAGATTTCCAGTGGCCCCATTGATCCCTTATCCACTCATCTAAGGAGGATATAAATG  
CTATAGAAATGGAAGAAGACAAAAGAGACCTGATATCCCGAGAGATCAGCAAATTCAGAGACACACAA  
GGTAGTATTCTTGTATTATTCACTTAATACCAATCTAGACTTTTTACAGAATCCAGAGCAAAACA  
>GBEQ0644 |Acc|CD472107|Ver|CD472107.1 GI:31393375|LeukoS6\_1\_B09.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B09\_A028 3', mRNA sequence.:Start:1:Stop:642  
CGATGACCATGATCCTGTGGATAAGATTGTGTTGCAAAAATACCATAGCATCAACGGTCATAATGCAGAA  
GTAAGAAAGGCTTTGTCTAGACAAGAAATGCAAGAAGTCCAAAGTTCTAGAAGTGAAGAGGAGGCAACT  
TTGGTTTTGGAGATTCTCGTGGTGGTGGTGGAGGACCTGGATATGGCAACCAGGGTGGGGGCTACGGAGG  
TGTTATGACAATTGAGGAGGAAATTATGGAAGTGGAAATTATAATGATTTTGGAAATTATAACCCAG  
CAACCTTCTAATTATGGTCCAATGAAGAGTGGAACTTTGGTGGTAGCAGGAACATGGGGGGACCATATG  
GTGGAGGAACTATGGTCCAGGAGGCAGTGGAGGAAGTGGGGGTTATGGAGGGAGAAGCCGATATTGAGC  
TTCTTCTTATTTGCCATGGGCTTCACTGTATAAATAGGAGAGGATGAGAGCCAGAGGTAACAGAACAGC  
TTCAGGTTATCGAAATAACAATGTTAAGGAACTTATCTCAGTCATGCATAAATATGCAGTGATATGGCA  
GAAGACACCAGAGCAGATGCAGAGAGCCATTTTGTGAATGGATTGGATTATTTAATAACATTACCTTACT  
GTGGAGGAAGGA

>GBEQ0645 |Acc|CD472099|Ver|CD472099.1 GI:31393367|LeukoS6\_1\_E07.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E07\_A028 3', mRNA sequence.:Start:1:Stop:609  
TCCCATTTGGGACCTTCTTTGCCCTTAAATTCCTGTTTCCCCGTCCACCACAGTCCCTCAGGTCTATTTAT  
GAACTAGCAAGAGGGTAAATAAGGAGTCTTTTAGGGTAGATTTTCCGTGGAGGATACTAAGCGCCATGTT  
GCCATATTCTGTCCCTTATCTGGAAATCCTTAACAGAACTGAGGTTTCTTTTCTATCAAGGATCCAAAA  
GGAAAAACAAAAACCAATCAAACCGTCAGTAAAGGGTCATGCACCAATAAAAAATAAGTTTTCCAGATG  
GAAATAAAATCTAATTCGACAATAAAAGTAGAGATTATGGAATGGTCCAGTAAGAATGAGATTTTTTAAAG  
TATGTTTTCAGTTCTGTATCATGGTTGGGAGACAGGGTGGGAGGGTTGTGGAGGAAAGGCCACAGAGAAGC  
AGAGGTGATTCACTGCTCCTGTAGGTCTGAGGCGGATGGTTCCTCCCTCCCAAGGTCACTCGAGATGGGT  
ATGAGTCAGTTCTTATCAGCCTTGGAAATTTACCTCCAGCTTACAACCTGCCCTGGGAGTTGGAAAACACC  
TTGTCTGCTTTTCATTTTAGAATGTCAAACTAATTTTTTAAATAAAGGTT  
>GBEQ0646 |Acc|CD472098|Ver|CD472098.1 GI:31393366|LeukoS6\_1\_F09.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_F09\_A028 3', mRNA sequence.:Start:1:Stop:613  
GAGACCAGTTTCTCATCAAGAATGATTATTCCTTCTTCAAGATCAGTTACCTCACATTCTCCTTCTG  
CTGACGATATTTATGACTGCAAGGTGGAGCACTGGGGCCTGGACGAACCACTTCTGAAACACTGGGAACC  
TGAAATTCCAACTCCTATGTCTAGAGCTGACAGAGACTGTGGTCTGTGCCCTGGGGTTGGCCGTAGGCCTT  
GTGGGCATCGTGGTGGGCACCTTCCCTCATCATCCGTGGCCTGCGCTCAGGTGGTATCTCCAGACACCAAG  
GGGCCTTGTAAGCAACACCTTAGAAGGGAAGGTACATTTCCCATCTACAAGAGCAGAAGAGTGGATGTGC  
TAGATGACTTAGCACTATTTTCTGGTCCAGTTTCATCATATTTCTTCTTTCTTCAACATTCTCCTCTCTCA  
CCTCTTTTCTGGGACTTAAGGTGCTGTATCCCTGAGAGCTCACATAACCTTCGGAATTCTCCCCGACT  
GCCTGATTTTTTTTCTCTTCTCAATGTTATCTACTATGGGATCCCTGGGATATTCATCCAGTTACC  
TAATCCCTACTTACCCTGATCTAACATCTCCATGGAAGAAATAAATTTCCCTT  
>GBEQ0647 |Acc|CD472014|Ver|CD472014.1 GI:31393282|LeukoS6\_3\_H06.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_H06\_A028 3', mRNA sequence.:Start:1:Stop:597  
AGGTCTCAAAAAAAGAGCTGAACATTCTTTCCCTACTTGTTTTTTTGTTCCCTTTAAACTCTCCTAAAG  
TAAGCTTGCGCGGGAGTGTTTTGGAGTTGGAGACGGGTGAGGAGTTCGGAAGGGTGGTTGCTGTAAGGGT  
GTTTGGCCGGGACCCACCTTCTGGCTTGTCTTTGCCCTTCGGTGCTCTTGGTCAGCGTCTGGTTCAGC  
TGTTTGGAGACGTCGCGGGGAGCTGGTGTATTTTCAAGATTACCAGCCCCGCCCTCAGCCTTTCAACAGCA  
AAGACGACAAATGACACTAGCCAGTTACTTGGTCTTCCGGAGTATCCGGATTGGGCTGAAAAGTTATTCA  
AAAGTCCCACCCCGAAGAAGAGCGCTAAGAAGACCCCGAAGAAGGCGAAGAAGTCGCGGGCTCTCTCAGT  
GCTTCTAAGCTTCTTTGGAAGATAGGGTTCCAAGAGTCAGCATGCTCCTTACCAAACAGCACCAACA  
TTCAATGTTTCTCCTGAGGTACCAACTGCATGGTATTAGTGTGCTTGTGTGCTTAATTTAATTATAGAT  
GAAGCAGTATTTAAGTCCAACATATTAATAAACTTG  
>GBEQ0648 |Acc|CD472012|Ver|CD472012.1 GI:31393280|LeukoS6\_3\_D12.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_D12\_A028 3', mRNA sequence.:Start:1:Stop:548  
CGACTCCTACACAATTTATTTGACGTTTTATTTTGGTTTTCCCCACCCCTCAATCTGTGCGGGAGCCCC  
TGCCCTTACACCTGCTCCCTTGGCCAGGAGTGAGTGAGCCATGGCCTTGGTGAAGCTGCCCTCTTCTTCT  
CCCCTCGCACTACAGCCCTGGTGGGGGAGAGGGGGTGGGTGCTGCTTGTGGTTTAGTCTTTTTTTTTTT  
TTTTTTTTTTTTTTAAATTCAATCTGGAATCAGAAAGCTGTGGATTCTAGCAAATGGTCTTGTGCCCTT  
CCCCGACGCATCCTTGGTCTGGTCTCTTGTTCCTCATGGCCCTTAACCCCAAGTACCACCCACAGACT  
GGGGACAGCCCCCTCCCCTGCCTATGTCTCTCCCAAGATCCCTATTGATGGGGAGGGAAGAGGAGGAGA  
GGGGAGGGGACCTGCCCTCTCAGGCATCTGGGAGGGCCCTGCCCTATGGGCTTACCCCTTCTCTGC  
GGGCTCTCTCCCGACACATTTGTTAAATCAAACCTGAATAAACTACAAGTTTAAT  
>GBEQ0649 |Acc|CD472006|Ver|CD472006.1 GI:31393274|LeukoS6\_3\_A06.b1 A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_A06\_A028 3', mRNA sequence.:Start:1:Stop:604  
GAAAGTCCAACATCTCTGGAGCGCAACAAGGCGCGGACCTGGCCCTGGCCATCCGGGACAGTGAGCGGCA  
GGGCAAGGCCAGGTGGAGATCGTCACTGATGGAGAGGAGCCTGCCGAGATGATCCAGGTCTGGGCCCC  
AAGCCTGCTCTGAAGGAGGGCAACCCGAGGAAGACCTCACAGCTGACAAGACAAATGCCAGGCCGCGG  
CCCTGTATAAGGTCTCTGATGCCACTGGGCAGATGCACCTGACCAAGGTGGCCGACTCCAGCCCTTTGC  
CGTGAGCTGCTGCTGTCTGACGACTGCTTTGTGCTGGACAACGGGCTCTGTGGCAAGATCTACATCTGG  
AAGGGGCGAAAAGCTAATGAGAAGGAGCGGCAGGCGGCCCTCCACGTGGCTGAGGACTTCATCTCCCGCA  
TGCAGTACGCCCCAACACTCAGGTGGAGATTCTGCCCGAGGCGGAGAGTCCCATCTTCAAGCAATT



CTTCAAGAACTGGAAATGAGGGTGGGTGTCGTCTGCCTAACCTGCTTGCTCCTCCTCCGGCTGCCTGGTC  
AGTGCCAAGGAGCACCCGCGGATGTCAATAAAGGAGACAAGTGC  
>GBEQ0650 |Acc|CD472004|Ver|CD472004.1 GI:31393272|LeukoS6\_3\_G10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_G10\_A028 3', mRNA  
sequence..Start:1:Stop:689  
GTGGGAGTGAACGGAATGGGAGGGATGTCTAGCATGTCCAGTATGAGTGGTGGATGGGGAATGTAATTGA  
TCCTGATCACTGACTCTTGGTCAACATTTTATAAAGAAAAAACTTAAGTTTAAACAGTTTTGCAGTACA  
AGCTTGTGATTTATGCTTACTCTAAGTGGAAATCAGGATTGTTTTAAAGACTTAAGGTTGAGTACTTTC  
GAGCACATTCACTCATCTAGGATGTAACAACCTAGGTTGAGTAACTGTAAGTGTAAACGATTTTCAGCT  
TTTCTCAAGTTAGTTCTCTTGTAGGTTGTCTTAAAGCAGTAAGTGTATTTAGGTTAAAGCAGTTGAATTA  
TGTTAAATGTTGCTCTTATACCACATTACATTGAACACTGTTTGGATGCATGTTGAAAGACATGCTTTTT  
TGTAAGAACTCAATATAGGAGCTATGCTAAAATGAAAGTGAACATTTGGCATGTTTGTTAATTCTAGT  
TTCATTTAATAACCTCTGAGGCACGTAAGTTTAAAGCTTTTTTTTTTGTAAATGGGGAAAAATTTGAGATGC  
AACACCAATACTTAGGATTTTTGGTCTGGTGTGTTGTATGAAATCTGAGGCCCTTGATTTAAATTCATT  
GTATTGTGATTTCTTTTAGGTGTATTGCGCTAAGTGAACCTTGTCATAAATCTTCCT  
>GBEQ0651 |Acc|CD471998|Ver|CD471998.1 GI:31393266|LeukoS6\_3\_D04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_D04\_A028 3', mRNA  
sequence..Start:1:Stop:578  
ACATATGCACAGTGACCCACACAGACCTGCCTTTCCCGNTGAAGCAGGCCATCTCCAGGCCCGACGCAGT  
TGCCAAGCACCCGCCCTCCGTCTACGTGCTGCCACCCACCCGGGAGCAGCTGAGCCTGCGGGAGTCGCCC  
TCAGTCACTTGCCTGGTGAAGGGCTTCTACCCCGGACGTGTTCTGTCAGTGGCTGCAGAGGGGACGC  
CCGTGTCCTCCGACAAAGTATGTGACCAGCGCCCCGATGCCTGAACCCAGGCCCCAGGCTTGTAATTCGT  
CCACAGCATCTTGACCGTGAGCGAGGAGGACTGGAGCTCTGGGAGACATAACCTGCGTCTGGGGCCAT  
GAGGCCCTGCCCCAGTGGTGACCGAGAGGACCGTGGACAAGTCCACTGGTAAACCCACCTGTACAACG  
TGTCCTTGGTCATGTCTGACATGGCCAGCACCTGACTGACCTGGTCCACCTGCGCAGGGGTACCTGG  
AGTCTCTGGGGGACCCATCGCCCTGTGTGTGCATGCAGACTAACCATGTCAATGGGGTGAGGTGTT  
GCATTTTATAAAAAATTAG  
>GBEQ0652 |Acc|CD471993|Ver|CD471993.1 GI:31393261|LeukoS6\_3\_C09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C09\_A028 3', mRNA  
sequence..Start:1:Stop:554  
GCCACGTGGAGCACCCAGCCTCCAGAGCCCCATCACAGTGGAGTGGCAGGCGCAGTCTGAATCTGCCCA  
GAGCAAGATGCTGAGTGGCGTCGGGGGCTTCATGCTGGGGCTGATCTTCTTGGGCTGGGCCTTATCATC  
CATCACAGGAGCCAGAAAGGACCTCGTGGGCCTCCACCAGCAGGGCTCTTGGCTGACACCTGAGGATAC  
TTTGACTGGGATTTGTTTTCTGTTCTCTGTAATGCCTGCTTGTCTTGTCTCAGAAATCCCAGCTGCCTGT  
GTCAGCTTATCCCCCTCTCAGATCAGAGTCTTACAGTGACTCTGTTGCAGTCTCCAGGCCACCTCCTGTG  
ACCCTTACCTTGAGGATCTGATTGTGATACTGCTTCTGCTGACTGACCCAGAGCTCTGCCTGTGCAAGT  
CTGACAGCATTACTTGGCTCTCAAGGGGTTTTCTGTGTCCATTCTCCCCCACAGACTGTACAAG  
AGAAGCACATTGAAGCCATTACCTGACTATAGAGCCTTTATCATAAATAAACATGATTAGATA  
>GBEQ0653 |Acc|CD471980|Ver|CD471980.1 GI:31393248|LeukoS6\_3\_C08.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C08\_A028 3', mRNA  
sequence..Start:1:Stop:600  
GCTGGAGGATAAGCAGCGGCTGGCCCAGGAGGAGAGCGAGGCCAAGCGCCTGGCCATCATGATGATG  
AAAAAGCGGGAGAAAGTACCTTTACAACAAGATCATGTTTGGCAAGAGGCGCAAAATCCGCGAGGCCAACA  
AACTGGCAGAGAAGCGGAAAGCCCACGATGAGGCTGTGAAGTCTGAGAAGAAGAAGGCCAAGAAGGCAAG  
CCGGTGTGAGTGACGCGACGCTCTGATGGGCAAGGCCGGCTCCTGGCGCTGGACTTGGCATGGGCAGG  
CCAGAGGACCTAGGCCTGGTGACAGACAAGTCTTTTTCTGTTCCATGCCCTCCTCCTCCTGCTGGCC  
CTGGCCTCCTTTACACTTTGGCTGGGCCCTTGGGCAGCCCCAGCTTCCCTTCCATGGAGGTCCCTGCTG  
GTGGCTGGGCGGAGGAGAGGCCTTTTTGACCAGCCCCCTGTGCGACTGCTCCATTACCCCTGGCTTTCCG  
CAGCCCCCAACATACTCATTACACGCTAGTTGGACCCCTGATTTTCCAGTGCCGTGATGGGGTGAGGA  
TGGGGAAGCATTTGCTATTAAACGGCTGGAGTTTTGACG  
>GBEQ0654 |Acc|CD471977|Ver|CD471977.1 GI:31393245|LeukoS6\_3\_H03.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_H03\_A028 3', mRNA  
sequence..Start:1:Stop:704  
GAGGTGTAGTGGACGTGTGTACAGAAGCTTTCAATCTTTATAGTGTTAGTGTAAATGCTATACTATTGGAA  
AAATAGCAGTTTTTTCTATTTTATAAGTTGTATGCAGAACTTAAGATTTGTAATGTTTCATTTATAAAC  
TGCCTTCTTCAACACATGCTTACCTGTTAATAGTGTGTTCTTGGAGTATAGTAGTATGTCTTCCAGAATT  
TCACTATATGCTCACAGTAAGTAGTTCTAGCTTGTGAAATGTTAAATTCCTGTTGGTTTCTTTTGAT

TCTGTGGGGCATATAGCAAGCGTGAAGGACATTGTGATCATTTCTTACAGGGTGAAAATTTAGAAAGATC  
GTGTATGAGAGCCTAAACAGTTATTTTATTCATTGTCATCTTTGAGTAAGACTTTTTTTTTTCTTTAAAC  
AAATGCTACTTCCAGTTAATGCATTTAGCCCTACGGAATTTTCAGGGACCAGAAAACCTTAAAGAAAAAG  
TTCTGCATCTTACAATTGTAAGCAATTAATATCGGCTTGGGATTGTTCTGTAGTATTCATTGCTTAAAA  
ACTATTGTAAGTAACAGTTGGCAAGATCTCCAAGCAGAAAATTCATGTTAAACCTTCGCTTGAAAGAA  
TTTGTGTGTAATGTTAATGGAAAACACATTTAAACAGAATAAAATTTAAGGTGGCCAGAACGAAAGCC  
ACAA

>GBEQ0655 |Acc|CD471972|Ver|CD471972.1 GI:31393240|LeukoS6\_3\_A10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_A10\_A028 3', mRNA  
sequence.:Start:1:Stop:572

TGCTTTTGCAGGGACCCAGAGCACGGGCAATTCCAAGGCAGCCAGGTGGTGCCTATGGGACTGCTCAG  
CCCCACCTCACTATGGACCCACACAGCCCGCTACAGTCCTAGTCAGCAGCTCAGGGCACCTTCAGCGT  
TTCTGTCAGTGCAGTACCTGTTTCAGCCACAGCCACAGCCCTATGCCGTGCACAGCCACTTTCAGCCAC  
CCAGACAGGGTTCCTCCAGCCTGGTGGTGCCTTGTCTTGCAAAAGCAGATGGAACATGCTAACACGACAG  
ACTGGCTTCTCTGACTCATCCTCCCTGCCGTCCCATGCACCCCAAGCTTTGCATCCAGCTCCAGGACTCC  
TTGCCCTCCCCCAGCTCCCTGTGCAGATGCAACCAGCAGGAAAGTCGGGCTTTGCAGCTACCAGCCAACC  
TGGCCCTCGGCTCCCTTCATCCAGCAGCCAGAAATCCGCGCTTTTACCACAAGTGACCACGAGATTTT  
ATTTTCAGCCTCACCCCACTCCCTGCATGGGTGAGGGGCCCTGGTGTGTCCAGTCTAGGCCAATAAA  
ATCTATCTGCCC

>GBEQ0656 |Acc|CD471938|Ver|CD471938.1 GI:31393206|LeukoS6\_3\_E01.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_E01\_A028 3', mRNA  
sequence.:Start:1:Stop:600

AAAATTAAGTATGACTGGTATCAAACAGAATCTCAAGTAATCATTCCTATGATCAAGAATGTTTCAGA  
AGAATGATGTAAATGTGGAATTTTTCAGAAAAGAGTTATCTGCTTCAGTGAACTTCCTTCTGGAGAGGA  
TTACAATTTGAAGCTGAGACTTCTTCATCCTGTAATACCAGAACAGAGCACGTTTAAAGTACTTTCAACA  
AAGATTGAAATTTAAATGAAAAAGCCAGAGGCTTGAAGATGGGAAAAGCTAGAGGGGCAAGGAGATCTGC  
CTAAGCCAAAACAGTTCATAGCAGATGTAAGAAGCCTATATCCATCGTCATCTCATTATACAAGAAATTG  
GGATAAATTGGTTGGTGAGATCAAAGAAGAAGAAAAGAATGAGAAGTTGGAGGGAGATGCAGCTTTAAAC  
AAATTATTTTCAGCAGATCTATTTCAGATGGTTCTGATGAAGTGAACCGTGCCATGAACAAATCATTTATGG  
AGTCTGGTGGTACAGTTTTCAGTACCAATTGGTCTGATGTAGGTAAAAGGAAAGTTGAAATCAACCCCC  
TGATGATATGGAATGGAAAAGTACTAAATAAATTAACCT

>GBEQ0657 |Acc|CD471838|Ver|CD471838.1 GI:31393106|LeukoS6\_2\_F05.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_F05\_A028 3', mRNA  
sequence.:Start:1:Stop:593

CGTTCAGCATGTTATGGCTGTAGGCATTAGCATTCTCATCAGGCCAGTGTGCTGTCTGCTATTGCACTTA  
GGGTACATGCCACACCCCTCCACTTAAAAAATAATTGTTTAAATTTTGTGTAGTTGTTGTTACCCA  
AAATCTTATCGTGAATCAACCATCTCTTCTTCCCTTAGCTCCATTACCATCTCAGAAGTAGTGAAGGAGC  
CGAGGAAGGCTGAGGTACAGAGGGTCGCCCAGAGGATGACGGCTTCGGTCTTTTCTTACCTCCATCCC  
CGGAGGCCCTGAGAAGAGAGCTGCTCCCCAGCCCCACCGGAAGCGATCGCCTTCCAGCTCCAGCAGCGAG  
GACAGCGACGAGGAGTGGCAACGGTGCCAGGAGGCAGCTGTGTAGCCTCTGACATTCTCCAGGAGTCTG  
CCATCCACAGCCCTGTGAGAGTGGAGACGGAGAAAAGAAGAAAAGGAAGCTGAAAAAGAAAGCCAA  
GAAGGAGGCCACTGCGCCTCGGCCACAGCCGCCACCACCACAAGCAAGGCCGCCGTCGGAAGCGGGAA  
AAGGAGTCGGCCGAGCTCAATGGAGACCAGGCA

>GBEQ0658 |Acc|CD471836|Ver|CD471836.1 GI:31393104|LeukoS6\_2\_H09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H09\_A028 3', mRNA  
sequence.:Start:1:Stop:604

AAAAGATAGAGCGAGACAGAGAACTGCACCTTGCATTAAAAACCAAGTGACAGACGAAATCTCAGTAAAC  
GTCTTGGACAGTACTGAAATCTGGTGGTTAAACGGGTAAACCAACATACTGTATTTGAGAAATGGCAC  
AAAAACGGGCAGTCATCCTTAAGGGCTAGGCCTAGCCAACTACTAACCTGCATTGCAGAAATGCCGTGT  
ATACCTCACGTACTGTGTACTTTGTACATATATTTTACCTTTTTTATATATGTCCGACACTTTCTGTTGT  
TTAGGCTATGAGGCTTGTGTTTGTGTTGTCTGTCTGTCTGAATAACCTGCGTGTCTAAAACCAAGTGAAT  
GTGAATGATTATTGGCAATATTACCTAACAGAATCATGGGACTCGGAGGAGAAGGAGGACAGAGGCCTCT  
GTCTTACTAACGCTCTCGTGGTTGCTCGACTGTTGTATCTGTGATACATTACCCGGCTAAGGACTCGGGG  
CTGGCTGGGGCTTTCTGCCGGAAAGCTGGAACACTAGACCTTCTCTGTACATGTGTATATATGTGAACA  
GTGAGACGGCGCTTTTGTGACTTGTAGAGAAATTTTAATAAACCCT

>GBEQ0659 |Acc|CD471832|Ver|CD471832.1 GI:31393100|LeukoS6\_2\_C06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_C06\_A028 3', mRNA



sequence.:Start:1:Stop:628

AAAACCAAGTTGGTGGTGACAAGAACGGTGGTACCCGAGTGGTTAACTTCGCAAAATGCCTAGATATTAT  
CCTACTGAAGATGTGCCTCGAAAGCTTTTGAGTCACGGCAAAAAACCTTCAGTCAGCATGTGAGGAAAC  
TGCGAGCCAGCATCACGCCTGGGACCATTCTGATCATCTCACTGGGCGCCACAGAGGCAAGAGGGTGGT  
TTTCCTGAAGCAGCTGGGCAGTGGCTTGCTGCTTGTCACTGGACCCCTGGTCCCTCAATAGAGTTCTCTG  
CGTAGAACACACCAGAAATTTGTATCGCCACCTCCACCAAAATTGATATCAGTGGTGTGAAAATCCCAA  
AACACCTCACTGACGCTTACTTCAAGAAGAAGCAGCTGCGTAAGCCCAGACACCAGGAAGGCGAGATCTT  
CGACACAGAGAAGGAGAAATACGAGGTTACAGAGCAGCGCAAAGTTGATCAGAAAGCTGTGGACTCACAA  
ATTCTGCCAAAGATCAAAGCCGTTCTCAGCTCCAGGGCTACCTCCGGTCCGTGTTTGTCTCACAAATG  
GAGTTTATCCTCACAAATTGGTGTCTAAATTTCTTGCAAGAACCTGATTAAATAACTGATCCGTTT

>GBEQ0660 |Acc|CD471819|Ver|CD471819.1 GI:31393087|LeukoS6\_2\_E09.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_E09\_A028 3', mRNA  
sequence.:Start:1:Stop:576

ATGCAGAATTTAAAGATAAGGACTTTGCAATTGATATTATTAAAGCACTCACGATTATTGGAGAGCACT  
GGTGACGAAGAAAATCGATGGAAAAGGAATCAGTTGCATAAATACCACGGTGTCTGAGAGCCCTTCAAG  
TGTGATCCTGATGCTGCCAAAGCCATTGTGGATGCTTTACCACCGCCATGTGAATCTGCCTGCACAGTAC  
CAACAGATGTGGATAAGTGGTTCATCACCAGAAAACTAAGGATATGTCTTGGAATACAAGCTTACATT  
GCTGCATCCTATTCTGCTGCAAGTATTAGATGCAAAAGTGGTAGCTGTTCAAAGCTTTAAATTATAGAAC  
TAACATAAGTAAGGCAAAATCTGCTGTGACCAATCCAATATATTCATATGTATATTCAGTAATTTATGTT  
ACCCATCTAAAAGCATTTTTTCATATCTCCACTAAGATAACTTGTAGTACATGCTTAAATATCAAAGCAGT  
TGTTGTAATTTGGAAGTTATTTGTGAATAAATGTGCAAGATAAGTAGATATTGGATGTATATGTTTACCA  
TGTCTCAGGAAATAAA

>GBEQ0661 |Acc|CD471812|Ver|CD471812.1 GI:31393080|LeukoS6\_2\_H07.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H07\_A028 3', mRNA  
sequence.:Start:1:Stop:627

GGAGGGAATTAAGATGGTATCAAGAACAGAAGGAATGTGCCAGAATGGCTCCCTAGAAGAACAACCTCGA  
CCTTTGGAGGTGACTCAACATCAGTCCCAGGGGAAGAACATATGACTCAGAATGGGTAACTGGAAGTT  
ATCCAGGCGCAGGGTTGAAGAAGCGTAAGATGAAAATTGAGAGACAGTAGGAGGAAGGAGATACCGTGGT  
TCTGTCTAGAACATGGTGGACCTACGTGCTAGAAAATCCCTCAGAACTGAGAAGCCGGGTAACCTCTAG  
TTACACAGAACTGTGAATAAAGGTTTTGAACTGATTAAACATGCTATAAGCTTCAAGGCCAACTGAC  
ATTTATGCTGCGTATGTTCTACAGTGGGTGATTGAGCTGCTGAATTCTCTTTCACTTGGATGACTCTT  
TGTAATAAAGTATGTGTTGAAAATCTCTCTTGCTATCATTGACACAAAGTTTTATGGTGTGTTTTCGTCTG  
TTGAATTGTTTTTGGCTTGAAAGAGAAGAAGAAGAGAACAATGTATTTAACTTAAGCTATTGCTCTTATA  
ACTGGGAAGTTAGAGTGTATTTGTAATTAATATCTCGGTGTCGATAATAAATGTGAGTTTGTAT

>GBEQ0662 |Acc|CD471810|Ver|CD471810.1 GI:31393078|LeukoS6\_2\_B02.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B02\_A028 3', mRNA  
sequence.:Start:1:Stop:665

AGAACAAGATGATGACCTATATAATCCAGAGAGTGAACAAGATAAAAAATGAGAAAAAGGGATCAAAAAGA  
AAAAGTGATCGAATGGAATCTACTGACACCAAGCGACAAAAGCCTTCTGTTCAATCAAGACAGTTGCTTT  
CTAAGCCATTGAGCTCATCAGTTAGCAATAACAAAAGGATAGTTAGTACAAAAGGAAAGTCCGTCACAGA  
ATATAAAAATGAGGACTATCAAAGATCTGAAAGAAAACAAACGCTCTAGAAGCTGATCGGAAGATCCGTCTG  
TCAAGCAGCGCTCCAGAGAACCCTTATAAGAGTCAACCTGAAAAAACTTGTCTCCGGAAGGGATCCCTG  
AAAGGAGGGCCAAATCTCTACACCAGATGCTTCTGAGAGAATTGGGCTTGAAGTGATAGACGTGCAAG  
CAGATCCAGCCAATCTTCTAAGGAAGAAGTGAACCTCTGAAGAATATGGCTCTGACCGTGAGACTGGCAGC  
AGTGGTTCTTCTGATGAGCAAGGCAACAACACGGAGAATGAGGAGGAAGGGGTGGAGGATGTGGAGGAAG  
ATGAAGAGGTAGAGGAAGATGCAGAAGATAATCCCGTATTCTACATTGCTACTGTTTTGTATAAAATAA  
ATTGGTAAAGATTGACACTTTAGGAATAGGAAGT

>GBEQ0663 |Acc|CD471805|Ver|CD471805.1 GI:31393073|LeukoS6\_2\_B09.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B09\_A028 3', mRNA  
sequence.:Start:1:Stop:573

CAGGATTTATTGAATAACAGAACTGGCTGCCAGGCATTGCCAGATAACCCCTGGAAGGTGATTCTAATC  
AGGTGCTCTACAAAACCTGGGACTGTGTCTTCTTCTGATAAGCTGCTAGACAGATTGCTCGCCAGCAGGTC  
CAGTCACCAGAGGTCTCAGGGCCACCACACCTTCCTTATCTACATAATCCATCATCAGGACAAAGTTTT  
CAGCGCTTTTCCCCAAACAGACCCAAAACTCAGGGACCTTCCTTTACCCCGGAACAACCTAGCTCCTCTAC  
CGGACCAAAAATTTCTATCAGGAGAACCTCTACGGACAAACCGAGTGCTTCTGCTATTCCAAGCCAACG  
GGGGCACAGCACACCAGCCAAGGAGAGCGCCAACTCTGCCGGTCTACCAAGGATGAAAATTAACCATGG  
GTCGCAGACTGCGGAAATATATTTAATCTATATTTTCACTGTCAAAGGATGAGATTACTCTGTTTTGTAA

GAACAAAGACTAATTTAGTAAATTGCATTCTATAAGCCATTACAGTTTTATAACTCAAAATTCTGTATT  
CCAAATAAAGATA  
>GBEQ0664 |Acc|CD471803|Ver|CD471803.1 GI:31393071|LeukoS6\_2\_F02.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_F02\_A028 3', mRNA  
sequence.:Start:1:Stop:542  
GGAGAGGTATTGGTGAACGTTAAGGAGCACTCCCGGCAGATCAATGACATCCAGTTATCCAGGGACATGA  
CCATGTTTGTCACTGCCTCCAAGGACAACACAGCCAAGCTTTTTGACTTTACAACCCTTGAACACCAGAA  
GACCTTCCGGACAGAACGTCCTGTCAACTCAGCTGCCCTCTTTCCCAACTATGACCATGTGGTGCTGGGT  
GGTGGCCAGGAAGCCATGGATGTAACCCACCTCCCCCAGGATTGGCAAGTTTGAGGCCAGGTTTTTCC  
ACTTGCCCTTTGAAGAAGAGTTTGGGAAGAGTCAAGGGCCACTTCGGGCCCTATAAACAGTGTTGCCTTCCA  
TCCTGATGGCAAGAGCTACAGCAGTGGCGGAGAAGATGGTTATGTCCGCATCCACTACTTCGACCCCCAG  
TACTTTGAATTTGAGTTTGAGGCTTAAGAAGCTGGATCTCCATTTGGGCCCGGGCTCCCGGAAAGTTTTG  
GACTATGAGAAGTAAATCAGTTTGGGAATAAATTGTTACTGGTCAGATGTTT  
>GBEQ0665 |Acc|CD471793|Ver|CD471793.1 GI:31393061|LeukoS6\_2\_A06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A06\_A028 3', mRNA  
sequence.:Start:1:Stop:606  
CGCCAAAGCAGAAATGTGCGCACTTAACCGCTGTACCACCCGGCCCGCCGTCAAATATCTTAATCCCAGA  
GTCTCAATTAGGGAAGTTGTAAAGTTGTATTTGGGATAAAATCGCTAAACTAGCTTCCTGTCTCAGGGG  
CCCAGTCCGAGTCTGCGCAGAGCAAGATGCTGAGTGGAGTCGGGGGCTTCGTGCTGGGGCTGCTCTTCT  
TGGGGCAGGGCTGTTTCATCCACTGCAGGAACCAGAAAGGACACACAGGACTTCAGCCAACAGGACTCCTG  
AACTGAAGTGTACATGATGACACTCAAAGAAGAACTTTCTGTCCCAGCTTCTCAGCATGAAAAGGTTTCC  
TGCTTGCCCTTATTCTTTGACCAAGAGCGTACTTCTCAGGATTGTTGGTTGGTCTGCCTGGTTCAGTG  
ACCCGGCAAACAATGTATCCCTATGGCTTCTCAGCCCCCTGCCCTGGCCTGGAAGTCCCCAGTATTGA  
TTGCACTACCTTGTCTGCATTCTTTTCCCTCCCATTTGATTCAACCTTATGGCCTGCTATGCACCTG  
AACTCACCTCTGCCACATTTCTTTATAAAGTTTTCTCAAATAAA  
>GBEQ0666 |Acc|CD471792|Ver|CD471792.1 GI:31393060|LeukoS6\_2\_B08.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B08\_A028 3', mRNA  
sequence.:Start:1:Stop:557  
GGCCAAAGGAGAAAGCTCCGTCCATCTTCATCGATGAGCTGGATGCCATTGGCACCAAGCGCTTTGAC  
AGTGAGAAGGCTGGGGAGGTGTCAGAGGACGATGCTGGAGCTTCTGAACCAGCTGGATGGGTTCC  
AGCCCAACACCCAAGTAAAGGTAATTGCAGCCACTAACAGAGTGGATATCCTGGACCCCGCCCTGCTCCG  
CTCAGGCCGCTGGACCGCAAGATTGAGTTCGCCGATGCCAACGAGGAGGCCCGGGCCAGAAATCATGCAG  
ATCCACTCGCGCAAGATGAACGTGAGTCTGATGTGAACATGAGGAGCTGGCCCGCTGCACGGATGACT  
TCAACCGGGGCCAGATGCAAGGCCGTGTGTGTGGAGCGGCATGATCGCGCTGCGCAGGGGCCACCGGA  
GCTCACCCACGAGGACTACATGGAGGGCATCCTGGAGGTGCAGGCCAAGAAGAAGGCCAACCTGCAGTAC  
TACGCTAGGGGCTCACCGGCCAGCCTGCCCGGACTCTGGCTGGTGAAGTCTGTAATAAAGAT  
>GBEQ0667 |Acc|CD471772|Ver|CD471772.1 GI:31393040|LeukoS6\_2\_C01.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_C01\_A028 3', mRNA  
sequence.:Start:1:Stop:636  
TCTTAAACAGTAGGTGCTTAATATTTTTTGATTTGATTAATGCCATTTGAATTTTCGTGGGTTCTACTT  
AAAAAATAAATTTAGGACCCCTAAATCCATTGTCATCTAATTACCTTGGACTTTTCCAAGGTATAATAT  
GGGGTTTTATGCAAAATTTCAAGCTACCATGCAACTTTTTTTAACTGTAATAAGGAGGAGGAATCGTTCC  
CAACCTTCTTTATATGTTGTGCTTTGTGGTACAGAAATGCCAGACTTTTTTAAAGATAGTATGACTTTGA  
GTCTTGGCTTGACTATACAACTTGGAGCTTCATGGCATGTCAATTTGCCGTATTCATAGGAGAGCTAT  
TCCATGTATAACAGCTCAGAGTTGCAATACCACATGTGAATGATATGGTAACTTTAAGAAACGTCTGTA  
TTGTATTTGAAGACTGTTTGGCATAAATCTGAAGTTTGAACCTTAATGTATTTCAATTTGGTATGCTAAAA  
AAGTACTGAATTAATGTAATGATCTTTTTTTTTTACGATGTTATCTCAGTTCAGAATTTAACTGAAAATAT  
AAACCCAAATGATTTCTATATAGTAAATTGAAGTGTAAAGGTAACGTGTGTGTGGTTCGTAATACACAG  
ATAAAA  
>GBEQ0668 |Acc|CD471765|Ver|CD471765.1 GI:31393033|LeukoS6\_2\_B06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_B06\_A028 3', mRNA  
sequence.:Start:1:Stop:570  
TGAAAAGTTAAAGAAGTTTTCAACGTGTTATCTACAAATACAGATGGCAAGACTGAGTTTATTTCAACA  
ATGGAAGGATACAAAGTATCCAGTGATGGTGTCCAGTGGCATCCAGAGAAGGGACCTTATGAGTGGAAGA  
TAGAGAAAGGCATTTCTCACTCGCCTAATGCTGTGAAAGCTGCATTTTACTTAGCAGAGTTCTTTGCTGC  
TGAAGCTCGGAAAAACAACCATCATTTTGAATCTGATGTTGAAGAGGATAAAGCGCTGATTATCAGTTC  
CGTCCAGTTTATACTGGAATATTTCTATGTTTCAGCAAGCTTATATATTTGACTGAAAGCCTTCAATGT

ATTACCAGAGGAATTTTGAATAATTCCGTGATTAACTGTTCTAATAACTTGCCCTCTCATGGCGATAACA  
GAAAGCCGCAGAGATTCCTTTTCTGTGATGTTACTGGCTCTGATCTTCATTCGTTACATTTGACTATATA  
ACATTTGGTAATTAACCAATGAGACAGGTAAATAATCATAGTGTGTTTTGTGGAAAAGCTTTGTTTATTC  
TGAAGATTAG

>GBEQ0669 |Acc|CD471764|Ver|CD471764.1 GI:31393032|LeukoS6\_2\_H10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H10\_A028 3', mRNA  
sequence.:Start:1:Stop:611  
TAAATGAGCAAGTTTTCTTTGTTTAGCTTTAGTTTTAGTAAACATTAAAGTATGATAAACACCCCCAAATA  
TGTTTTAAGTAACATCTGCTCAAGTGTCTCTCTGGATAAGATCTGTCATTCATTCGTTGACATTTTGC  
AGTGACACAAGACTATTTATAACAGCTCCATTCATAGCTTTAAACAACCCCTTTTATTTTACCTATCTTG  
GTCATAAGTTGGCATTCTTTCACATTCCACATAATATAGAGGGCTACATTTTGGGATTTTCTTTCTTA  
ATTACCCAGAATTATCCCCCAGATTATAAAAATGGCTTTTAATGGCTTAAACATTTTTAAGCCTCTATT  
TTAGCAGATCAATGCAGGATCTATTTCTTTTATAAGCTATAGGTCTAAAAATGATTGTGGGACCATATG  
TTCTCTAATGTTGGTGACTTATGTTATTAACCTTTTTTAAAGGTTCACTATAAAAGCTGAAATACGTT  
CTTAGCTTTTAATCTCCCTGACTCTATCAGAACCCTTTTAAGGAAAAAATATATACCATGCAAAGGAGG  
CATTTTTTTGTATTTCATTTTGGACTCCTGTCAATAAAATAGAAGTTTGACT

>GBEQ0670 |Acc|CD471760|Ver|CD471760.1 GI:31393028|LeukoS6\_2\_D02.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_D02\_A028 3', mRNA  
sequence.:Start:1:Stop:645  
ACTGCCTGCAGCCGCTTCCATCACTTCAGCATCCTCTACTGGCTGGGCACTGGTTCCTTCATTGAGCACC  
TCCAGGCCCGGCTGCGGGAGGGCAGCATGAGGTGAGGGACATGGCGGCGAGGCCAGCAGGAGGGAGGTCT  
CTGCCTGCTGTCTTCTCATGGCCTTTCTTCTCTGCTCTAGCCGGGAGCACAGGGGCAGAAGCACCCAGC  
TGTGGAGAGCCTTGGTGTGGAGGAGCTGAGTCCCGCCCTGCGCAGCACCAGCTTCTCCTGTGTTTTAC  
GGATCCTGAGCAAACGTGCCAGCGTCACGTTGTCTGGCCAGCTCTGGGCTGGGCTGAGGACAGTCATG  
TCCCCGACTCAAGAAGCCCCACCTTCCAGCGGGTCCCCTCTTCCCTACCATCCTGACAGGTGAACCTCTGA  
AGCCTGGTTGAAACGCCACCTCTTCATCAAGGTCTACGCTCTCAGGCTGTGTTCTGCATCGACTTAATGT  
TGTGTTTGCCTTCTTGTGTTTCTCTAATGAGACTGTCCCAGGGAAGGGATGCAGGCAGAGGCTGACTTC  
TGATCCACGGCTGTATCACTGTCTATACCCAGCAAGGCCACAATGGGCACTCATAAATGATTTTCAAGGA  
ATAGGAATAGGAAT

>GBEQ0671 |Acc|CD471754|Ver|CD471754.1 GI:31393022|LeukoS6\_2\_A03.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A03\_A028 3', mRNA  
sequence.:Start:1:Stop:650  
TATTGGCAATGCCGCCAGGCATGGGCTTGAGGCTGTTTTTCTGGCAATGCTGGGTCTCCAAGGAAACAAG  
CGAGTCTTGGATCTGGAGACAGGGTTTGGGGCCTTCTACACCAACTATTCCCCTAAAGTCCCTTCCAACCC  
TGGATTTCCACACTTGGCTGTCTGAGGAGCTGAGTCCCGCCCTGCGCAGCACCAGCTTCTCCTGTGTTTTCAC  
CCACTGGGTGGCAGACGCAGCTGTATCTGTGAGAAAGCACCTTGTAACAGACAGAGCCCTGCTTCCTGTT  
GACCACTACAATATATACCTTTTATTACAAAGAAAATTTTTGAGAAAAAGATCATGGATGAAGAGTCTA  
AGATGTAATAAAGAATGACAGCAAAAATAAAAGTATATATGGGGTAATTAAATAAATATTGACGATAAAC  
AATAATAACAATGTCTTATGAGGTTAAAAATTATAACATTAGCAATAGATAAAAAGCAGGGAACATATCATA  
GTTAGTGTCTAAATTCCTTGTGTCTATTTGAGAAAAGGGCAAAGCTATTAACCTCTAGACTTTGATTTGTA  
AGTATGCATGTTGACATTTCCAGGGTAGCCATTACAAGACAGCAGAAGAATGTATTACTTCCAGGTTAAT  
AGAGGAAGAAATACAGAATT

>GBEQ0672 |Acc|CD471658|Ver|CD471658.1 GI:31392926|LeukoS6\_4\_B12.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_B12\_A028 3', mRNA  
sequence.:Start:1:Stop:560  
GAGCTGGAGAAGACGCTGGAGGCAGAGCGTGTGCGGCTGGGGGAGCTACGGAAGCAGCACTATGTGCTAG  
CCGGGCTGGTGGGGACGCTGGCGAAGAGGAGCCTGGCCGGGCCAGCCCTGCCCGCAGCGGGACCTC  
CAAGAAGCCACCCCTGGCCCAGAAGCCCAGCGTGGCCCCAGGCAGGACCACCAGCTCGACAAAAAGGAT  
GGCATCTACCCGGCTCAACTTGTGAACACTAGGCCCCCCAAGGGGTCCAGCAAGGAGGCTGGTGGGCAGG  
CCTGGGCCTCACATGGCTTCCCTGACTTGGCCGAGGAGCCTCCAAGGGGTCCAGTCGCCGGCCGATGGCA  
CCAGCCCCCAGCAGGCTGCCCAAGCCCCCTGCCAGGCCCGGATCAGTGTCCAGAGGCCACAGCC  
CTTGCTGAGCCCATGGGATCTGGGCTGACCAGGGTGGTTCTCCTGGACATGCGTCTATTTATCTGCAATA  
GGAAGTGTGAGAACAGCCAGGACCCAGCAGGCTGAGCCACAACCTTTCAGGAAATACACGGAACATCTC

>GBEQ0673 |Acc|CD471657|Ver|CD471657.1 GI:31392925|LeukoS6\_4\_A03.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A03\_A028 3', mRNA  
sequence.:Start:1:Stop:571  
CGGTCCAGGTACTGCAGCCCCCTCAAGCCTGGCTGCCCTGCACACAGCCCTGTGTGCTGGAGCTGTTTCAG

GACTCACCCCGACTCACCAGAGCCCCCTGCTCACACTGCCAGAAGCCAGGAGGGACGAGTACATGGAAGTC  
TCCCTCTCACCCACTCCGGCTCAGGGCCTGAAAGATGCTGGTCCCTCCACCCCGCCTTCAGACTCCCTG  
TCACTTTTTCTCTGGGTCTCTCCCTCTTGCCCTCAGTTTCCCTCCTGTCACATGCTGATGTTGGACTTAG  
CAGGTTCTGAGGCAGCAGCTGACCTATCCCCACATGTTCTGCTGACCTCTCTCCACATGTCTGCTCCTC  
CCCGAAGGCAGCTTTCCCGGTCTAACAAGCCCCAGACCCCAAGGACTTCTGGACCTGGAGAGCCTAGG  
AGGAGGACTGACAGGCCCCAGGACCACCCAGGCTCAGGGCGCATTAGGGTGGCCACACCGGGCCCC  
AAACCAACTGCTCCTCATGGAGGCCAGCCCCCTAGCCCCAGTGCTGGCCTACTGGGGAGGCCTGAACAAT  
AAACATTGATG

>GBEQ0674 |Acc|CD471653|Ver|CD471653.1 GI:31392921|LeukoS6\_4\_E10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_E10\_A028 3', mRNA  
sequence.:Start:1:Stop:435

TTGAGATTTCCCTGGGCTCCTGCCCTGCTCCACACACTTTTTTGGCCTAAGGGCTTTTTTTTTCAGGATT  
TTTGATTTTACCGCCCCAACCCCTGGGTTTCAGCCACACTGGGCGCTGGAGCTGGGGTGCACACGGGGCC  
TGCTCACCTTGCCACACATTTTACAGCCGGCCAGGACTTTACCCAGCTTCCACACACTGACCTGGCTT  
TCCCCCTTTTCTGCTACCCAGAGCTGGATGCAGACTTGACATGGACCTGCCCCCTGGAGTATCACACGT  
GTTGCAGCAGCATCAGACTAAGTGTGGTGTGCTGTGGAGCCAGGACCGGAAACCAACTGCCTTTTCAG  
AAAGGGAAGGCAAAGGCTTGGGCTGATAGGAAAGCCCTTTTACAAATGACGCCAATAAAGCTGCCCTGGA  
AGGGGTATAGGTGGG

>GBEQ0675 |Acc|CD471649|Ver|CD471649.1 GI:31392917|LeukoS6\_4\_F05.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F05\_A028 3', mRNA  
sequence.:Start:1:Stop:647

GTCCAGTATTGCCATGACCCATATATTGACCTAATGGAGATGGGAAGAGCAACAGTAACCTCCAGAGTGTC  
AGAGAATAGTTAACATTCAAAAACTTGTTCACACGAGCAGAGAAGATGTGCCATATAAAATACAAAG  
CCTCTTGTCAACAGCCGTGACCACTTTAGAATGAACAGTTTCATTGCATGCTGAAGCGACATTGTTG  
GTCAAGAAACAGTTTCTGGCATAGCGCTATTTGTAGTTACTTTTGTCTTCTCTGAGAGACTGCAGATAA  
TAAGATGTAAACATTAAACCCCTCGTGAATACAATTTAACTTCCATTAGCTATAGCTTTACTCAGCATGA  
CTGTAGATAAGGATAGCAGCAAAACAATCATTTGGAGCTTAATGAACATTTTAAAAATAAGTACCAAGGCC  
TCCCCCTCTACTTGTGAGTTTGAATCGTTTTGTTTATTTTCAGGGATACCGTTTAATTTAATTGTATGAT  
TTGTCTGCACTCAGTTTATTTCCCTTCTCAATCTCAGCCTCATGTTGTTCTTTGTTGTGAGAACCTGGTG  
AGTTGTTTTGAACAGAACGTTTTTTTTTTCCCTCCTGTAAGACGATGTTACTGCACAAGAGCATTGCAGT  
GTTTTTCATAATAAACT

>GBEQ0676 |Acc|CD471648|Ver|CD471648.1 GI:31392916|LeukoS6\_4\_G07.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G07\_A028 3', mRNA  
sequence.:Start:1:Stop:607

TGCTGGCCCGGTATAAGCTGCGGAGAACCAGCTGCCAGGATCCAGGCCGGAGACCCCGTGGCGCGCTA  
CTTCGGGATAAAGCGAGGGCAGGTGGTGAAGATCATCCGGCCCAGCGAGACGGCGGGCAGGTACATCACC  
TACCGGCTGGTGCAGTAGCCACCGCCCGCCGAGCGCTGGGAGACGGACACGCCCTGACCACTGACC  
CGGACGTGGGCGAGGGGGCCGCTGCCCTGTGGGACCGCTCTCCTGAGGGCCTTGCCGCTGCTCCTCTG  
GACCCCATGGCGGAGTTGCCTTTCCTGAGCTGAGGTCTTGTGGCCTCGCCTGGACGCTGAGCCACCTCG  
GATTCCGTGTGACGAGCGTCCGGAGGGGACAGGATGCCAAGGGCATGGTGGCAAACAGTCCCAGTCTCCTT  
CCCCCGCTTTGAGCGCCCCGAGTGGGCCCTGGCTCCCATCTTTGGTCAGCCCTGCCGTCGCCGTGTCCC  
CTCAAGGCGGCCCTGCCACGTCTGTGTGAGCCTTGAGGGCAGCGGGGGATTAAACCTCATCTGGGT  
TTTCAGTTAGGATTGATTGCTGCGTGTTTTAAAAAATTAAACGTATT

>GBEQ0677 |Acc|CD471644|Ver|CD471644.1 GI:31392912|LeukoS6\_4\_C06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C06\_A028 3', mRNA  
sequence.:Start:1:Stop:602

TGTGGCTCATGAAGAAATTGACCTTCGAACCCCCAAGGGAAACAAAAGAATGCTGGCTTCACTCCACAA  
GAGCGCCAAGGCTTTGGGGAATTGCTGCAGGCTGTGCCACTGGCTGACAGTTTCCGGCACCTCTACCCCA  
ATACAGCCTATGCCTACACCTTTTGGACCTACATGATGAATGCACGCTCCAAAAATGTGGGGTGGCGCCT  
TGATTACTTTTTGTTGCTCACTCTCTGTTACCTGCATTGTGTGATAGCAAGATCCGTTTCAAGGCCCTG  
GGCAGTGACCACTGTCCCATACCTTATACCTAGCACTGTGACACCTCCCCACATCAATTCGAGCCTGG  
GAAATAAGCCCCCAGACTAGCAAAGTCTTGCCCCCTCCCAAACCTTCTTAAATCTGCACTGTATTT  
CCTTTCTGAAAATCCTTTAACGAGGCTCCTAGTGACAGACTTAGGTTTCTTTAAGCCTGAGGTGTTGGG  
GTTTTTTTCAGTGAGTTCTCTCTCCCGCTTGCTCTCTTTTCTTTTTTTTACATTAAACAAAAGCTAC  
TGATGACCTTGAACGTGTCATGTGAAAATAAAGAGCCATAGT

>GBEQ0678 |Acc|CD471642|Ver|CD471642.1 GI:31392910|LeukoS6\_4\_A09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A09\_A028 3', mRNA

sequence.:Start:1:Stop:513

CAGTCATTTGCAGGTAGATGGAGGAAAGTGAAATTCGTTATTTTACGTGGAAGAAAGCTGTGATGAAGTC  
AATGGGTTGGGTTACAACCTCAGTTTTCCGTATCCCGTAAATAATACCAACTCATGGATTCCAAAGATGCG  
ACCTCTTTATTTAATGAGAGAATCCAGTGGTGTCTTTAAATGTGATGACACTATTCATAGACTTTTGATC  
TTATTTATAAGCCACTTGCTGCATGACCCCTCAAGTAGACCCGTGGCTTGAAATAAAGAAAATGCAGCAG  
AAAGAATGTTATAGAAACATTTGGTGTGTTTTTTAATCATCAACAGTTAAGATTGGACCAGCCCCCTTTGG  
GGGTGACCCCTTTTTTGCCATCACTTCCTGCCCATTTCCCTTTAAGATTTAAGAATTCAGATCCTGTCCA  
TTGGAATCTTTTCGTGCAACAAATTCAGACGCTCGTGGGCCAGGATGTCATTTTTTGCCTACACACACTT  
GATTAAAGGTTTTTTACTAACTG

>GBEQ0679 |Acc|CD471632|Ver|CD471632.1 GI:31392900|LeukoS6\_4\_D07.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D07\_A028 3', mRNA  
sequence.:Start:1:Stop:650

AGATGTCCAGTATCCACGAGAGAAGAACAGTGGCTACCAGCGTTACAGTGATTATGATGGGAATGACTG  
ATTATGCTGGGTACTGAAGAACTCGTGTACACACGGAACCGGTCTATACAGGACTGCATTAAGACAGTA  
GTAGATTTTACTAAGTCTATATGAAATAGGCACAGGTCTTGTGGTAAGAAACATAACCTTGTAGTTCTCC  
AGTAAACAGGCTTGTATGATTATGATGGGTGATTTTCAGATATATAAGCAGATAAGCACAGATTATTGT  
CTTTTAAATTTAAGAGTATATAAACATTTCTGGACAATTTACAAAATCCAATAAAATTACATATAAATG  
AATCAAAACACAATTCAGTTTCATAGCATCAGGATTTGAAATACTTAAGCATGAAATGATTTCTTACATCA  
TGATCCCCAGAATTTGTTGCCAGTAGTTTTATTCCTAAGCTAAGATGTAAGGCACCATCTGCCTTTAAA  
AAAGAAAACATTGGGGCTATTGATTTCTAGTTTCTCTCATGGTTAAAGCTCATTTAAATTTATTTAGTG  
AGTCTAGTAATTTCTTCACTTGTAGCAGTATCTTGCCTGCCTCATTTCTCTCTGTTAACTTTCTCAGG  
ATTTCTCAATAAAGAGGCAAA

>GBEQ0680 |Acc|CD471629|Ver|CD471629.1 GI:31392897|LeukoS6\_4\_F10.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F10\_A028 3', mRNA  
sequence.:Start:1:Stop:674

GAAAAAATTTGGCATTTCATCCAGCAGCTGCCATGGATGGATTTTGGGAGAGCATGGCGACTCAAGCGTGG  
CCGTGTGGAGTGGAGTGAATGTGGCAGGTGTTTCTCTCCAGGAAGTGAATCCAGAGATGGGAACGGACAA  
TGACAGTGAAAATTGGAAGGAAGTGCATAAGATGGTGGTTGAAAGTGCTATGAAGTCATCAAGCTAAAG  
GGATACACCAACTGGGCTATTGGATTAAGTGTGGCTGATCTCATTGAATCCATGTTGAAAAATCTATCCA  
GGATTACCCAGTGTCAACAATGGTGAAGGGGATGTATGGCATTGAGAATGAAGTCTTCTGAGCCTTCC  
ATGTATCCTGAATGCTCGGGGATTAACCAAGTGTATCAACCAGAAGCTGAAGGATGAGGAGGTTGCTCAA  
CTCAAGAAAAGCGCAGATACCTGTGGGACATCCAGAAGGACCTGAAAGACCTGTGACTACAGGCTTGTA  
GGCTGTAGATAATTAGGAACATAATGTGATTAAGCATGAGCCTTTAGTTTTCATCCAGGTCCATGCATC  
ACAGTGTGCTTTTATCTTCTGTATATGCCAATCTGGGCTCACAGAATCAAAGCCCATGCTTGGTTTTAAT  
GCTTGAATATGAGCCCTTGAACAAATAAAATCAACTGTGGTAG

>GBEQ0681 |Acc|CD471623|Ver|CD471623.1 GI:31392891|LeukoS6\_4\_C04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C04\_A028 3', mRNA  
sequence.:Start:1:Stop:562

GGTGGGATAGGTCTGGAGCCTGGCTCTGTGGTCATTACCCGGCAGGCAGTGGATGCCTGCTTCAAGCCAG  
AGTTCGAGCAGGTGGTCTGGGGAAGCGAGTTATTCGGAGCACGGACCTCGATGAGCAGCTCGTGCAGGA  
CCCGACACAGTGTCTGCAGACCTGAGTGAATTCACCACGGTCTGGGAAACACCATGTGCACGCTGGAC  
TTCTATGAAGGGCAAGGCCGCTGGACGGCGCTCTCTGCTTCTACACGGAGAAGGACAAGCAGGAGTATT  
TGAAGGCGGCCTACGCAGCTGGCATCCCGAACATTGAGATGGAGTCTCAGTCTTTGCTGCCATGTGCAG  
CGCGTGTGGCCTCCGAGCGGCTGTGGTGTGTGCTACTCTCCTCGACCGCTGAAAGGGGACCAGATCAGC  
AGCCCTCACGAGGTGCTCGCCGAGTACCAGCAGCGGCTCAGCGGCTCGTGGGCCACTTCATCAAGAAAT  
GCCTCTCGGCGCCTGACGTCCCTGAGCCTCAAAGGGGAGCGTTGTAATTGGTGCAAATAAAATCATGTC  
AG

>GBEQ0682 |Acc|CD471620|Ver|CD471620.1 GI:31392888|LeukoS6\_4\_B09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_B09\_A028 3', mRNA  
sequence.:Start:1:Stop:581

TCTTCCACCCGAGAGCCAGGAGGTGGACTGGGAGGTGGAGCTGGCCGTGGTCATTGGAAAGAAAGGCAA  
GCACATCAAGGCCACAGATGCCATGGCTCATGTGGCCGGCTTCACTGTGGCACATGACGTGAGTGTCTCGT  
GACTGGCAAAATGAAACGCAATGGAAAGCAGTGGCTCCTAGGAAAAACCTTTGACACCTTCTGTCCCCTGG  
GCCCTGCCCTTGGTGACCAAGGACGGTGTAGCAGACCCACACAACCTTAAAGATCTGCTGCCGAGTGAACGG  
GGAGGTGGTCCAGAGCAGCAACACCAACCAGATGGTGTTTAAGACAGAAGAGCTGATAGCCTGGGTCTCC  
CAAAGGGCGATGAAGTCCAGTGTGAGATTGAAGAACTAGGCGTCATCATCAACAAGGTGGTGTGATGGCT  
CCTGCCACAGGCCCTAGACTTAAGACTGGAGATGGGTGCATCCATTTCCACTCAGCCAGCACGGGAAGA

GGCCCACTGCCAGCCATGGCCCCCTCAAGCCTCTTCTTCCAGGTAGAGGGAGAGGAGATGGAGCTCTCCTC  
CTGAATAAACTCAGGCCAAAG  
>GBEQ0683 |Acc|CD471615|Ver|CD471615.1 GI:31392883|LeukoS6\_4\_D12.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D12\_A028 3', mRNA  
sequence.:Start:1:Stop:620  
TGCCAGAGTGCATACCTGATTTCACACCAAGCCCCCTATGACACTGACTCCCTCAAATCAAGAAAGGAGAC  
ATCATAGACATTATCTGCAAAACGCCAATGGGGATGTGGACAGGAATGTGAACAATAAGGTGGGAAACT  
TCAAATTTATTTATGTGGATGTCATCTCGGAAGAGGAAGCAGCCCCCAAGAAAATAAAGGCACATCGAAG  
AAGTGAAAGGGAAAAATCCAAGACTCTGCAGGAGTTCCTAGAGAGGATTCAGCTTCAGGTTAGCACACCT  
GTGACCTGTTTCGATGTTGGTATAATATGGATGGAATAATTGAGGAGAATGGATCAGTGTGTTGTCTACTGT  
TGCTAAAAAATACATGACTTACAGCAAAGGAAAATCTGTTTTCTAAGGACAGTTCTTATTTCTCCTTTAT  
TACTTTTATTATGCAAGGACAGATCTTGATATAACATCCCTTGGACTAACTCTAGTGGTACTTAGCAGTG  
ACAGTAGAGATTAACATTGAGAAAGTGCAGTGAAAAATGAAAAATACCTAGGAGAATAAAATCCCCAGAG  
AAAAGGTGTAATGGGAACGATAAAGAGAGTATGAAAGGTCAAGGTAAAAATCCAGAGAA  
>GBEQ0684 |Acc|CD471603|Ver|CD471603.1 GI:31392871|LeukoS6\_4\_H05.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_H05\_A028 3', mRNA  
sequence.:Start:1:Stop:626  
GAAGAAAATGGGGCTGAGCATGTTATCACTGAAGAGGAATTAAGAAAACATGAGATGAAAACTTCTTT  
AAGGATGTGCCCGCCGCGCTTGCTCTCAACTGCGTCGGTGGGAAAAGCTCCACAGAGCTGCTGCGAC  
ATTTAGCGCCCCGAGGAACCATGGTGACCTACGGGGGGATGGCCAAGCAGCCTGTCATAGCCTCTGTGAG  
CCTGTTCATTTTTAAGGATGTCAAACCTGCGGGGCTTTTGGTTGTCCCACTGGAAGAAGGACCACAGTCCA  
GAGCAGTTCAGGGGCTGATCCTCACGCTGTGCGATCTCATCCGCAAGGCCAGCTCATGGCCCCCATCT  
GCTCTGAGCTCCCGCTGCAGGACTACCAGCGTGCTTGGAAAACCTGCGATGCAGCCCTTCGTGTCTTCCAA  
GCAGATTCTCACCATGGGATAAGGCCAGAGGAGCCAGAGCCAAGTGGGTGTGAGATGGATCAGCAGGACT  
GGTTTCGGGCCCCCTCAGTCAGGGCCCTCAGCCTTCCCCAGGCTGCTCCTCTCCTCACTGTCACTTCCAAC  
CAGAAGAACTGTGAAGCCAGCCAAGGCTTTTCCAGGGCCAGCCTCAGGGTATCTAATAAAGTCTG  
>GBEQ0685 |Acc|CD471600|Ver|CD471600.1 GI:31392868|LeukoS6\_4\_D04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_D04\_A028 3', mRNA  
sequence.:Start:1:Stop:571  
AATGTTTGGTGAAGTTAAATGGGACAGATCCAGAAGATGTTATCAGAAATGCTTTTGCTTGTTCGAT  
GAAGAAGCAACCTGGCACTATTTCAGGAGGATTACCTGAGGGAGCTGCTGACAACAATGGGAGATCGGTTTA  
CTGACGAGGAAGTGGATGAGCTGTACAGAGAAGCGCCTATTGACAAGAAGGGAAATTTCAATTGCATTGA  
GTTACGCGCATCCTTAAACATGGAGCAAAAGACAAAGATGACTGAAAGAACTTCAAATTCAGCCCAAAC  
GTTACTTGTGCTCTCTTTGGGTATTTCTGAGACTTCTCTTATAGCCTATTGCATGCCCTTAGCTTTACA  
GCTTTTGCTTTGTTGTTTATTTCTTATTTCTCAGCCTTTTGGGACGTCATCTCTATAATCAGACTGGAA  
ATGGGACTTTTTGTCAATTTTCAGAATAGAAAATAGGGTAATTTAACTTACCAGCCCCCCCCCCCCAAAT  
AACTGCAGTCTGCACAGAGTCAATATATTTTTTCAGAGAAAGTTATTCACTCAATTTTTTCTGAACCATA  
ATTAAACTTTA  
>GBEQ0686 |Acc|CD471598|Ver|CD471598.1 GI:31392866|LeukoS6\_4\_F08.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F08\_A028 3', mRNA  
sequence.:Start:1:Stop:590  
CCTGGCAGAAGCAGCCCTCCAAGTTTGCCACCCTGCTGAGGACCCTGCAGAGAGGCGGAAGAGGCAGCA  
GCAGAAGGGCGTCGTCCTTCTGGGCACCATGCTAACTGACCTGATCATGCTGGACACTGCCATGGAG  
GATTACGTAAATGGCAATGAGATCAACCACGAGAAAAAGAAAAGGAGCACAAAGTGATGATGGAGATCG  
TGCAGTCCAGGAGGCTGCAGAGAATTACAACCTAGAGCCCCAGGAGCGATTGAGGGCCTGGTTCTGGGA  
CATGGAGCAGCTCAGTGAGGACGAGAGCTACAGCCTGTCTGCTGAGCTGGAGCCCCGGTGTAGTTGGCC  
AGCAAATCTCTCCAGGCCAGAGAGCATGGCCATCATGAAGCTGAGGAGGGAGTGAGCGTCCGGTTGTCTG  
TATGACCTCTTCTTAGCAGCAGGGACCCAGCTGGGGCACTGAGGGTGCAAGGGCCCCACCGCTGCCAC  
CCCTGCTGAGGCCAATTTCCATCTCTGTAGGGGTGAGAATCACTGCTTGTAAATAGTTTCATGCCAGATT  
TGCAAACCTGTGTATTAAAGTCTCTGTTTCTC  
>GBEQ0687 |Acc|CD471597|Ver|CD471597.1 GI:31392865|LeukoS6\_4\_A05.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_A05\_A028 3', mRNA  
sequence.:Start:1:Stop:583  
GCCGTGTACTTGGGAAAAGGGCCGCGATGATCTTTCTGGCTCCACTCAATGTCTAAGGATACCTTGCTCTC  
TTTGCTTGATCCCATAACTATTTCCCTCATCTACTTACTGCAACAAATCTCTCCTTAGTTGATGAGA  
TTGTGTTTATTTCCCTGTAAACCTACCTATCCTGAATGGTCTTGTCAATTGTGAGCCTTTAAATCTCTC  
CTTTCTGTGCTCTTTAAATAATGATGGGGCTAAGTTATACCCAAAGCTCACCTACAGACTATTTCTCT



CAGTACCTTGCGAGAAAACACCAAAACAAAATACCGTTTTTTTAAAAGGTGATTTTTTTTTTCTTTTGAAT  
GTAAGCTCCTCAAGAGCAGGGACAATGTTTTCTGTATGTTCTATTGTGCCTAGTACACTGTAAATGCTCA  
ATAAATATTGATGATGGGAGGCAGTGTGATGATAAGGGTGAGAAATTGAAATCCCAAATACTGTT  
TTGTTGATTGTTTTATTATGACCTCAGATTAAATTGAGAAATACTAGCCCTTTGGGACAATTGTCCCAAA  
TATTACATTCAAATAAAAGTGCA

>GBEQ0688 |Acc|CD471596|Ver|CD471596.1 GI:31392864|LeukoS6\_4\_C09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_C09\_A028 3', mRNA  
sequence.:Start:1:Stop:483

GCAAGAAGGAGGAAATGCACTACAAGGCTGTCCACAACACGGCGGTGATCTTCCTACAGAACGACCTGG  
CTTTGCCAAGTGGGGGGCCGACGCTGAGCGGCTGCAGGAGCTAAGCACCGCCTACCGGCAGTCAGGCCGT  
GGCCATGGCTCCAGCTCTTCTCCTCCTCCTCCTCAGAGGCCAAGGACCGGGACTCAGGCCGTGAGCAGG  
GCCCTAGCCGCGAGCCTCACCCCACTTAACACATCCTGCGGGGAGGAGGCCCCAGGGTGCTGGTATGG  
ACTGCTGGGACTCAGGCCCTTTGGGGCTGAGCAGACCCAGGATCCTCCCTGGGGTGGCAGCAGGACT  
CAGGCTGCCAATGACATAGGAAGATGATGGCTCTGCCAGGGCTCCCCCTCCCTGCCCAATCCCCCAGCTT  
CCCACGTCAGATTCTCTCAAAGTCCCCTGTAAATAGGCCCATGCCTTCCATTCCCTTCCCTCC

>GBEQ0689 |Acc|CD471594|Ver|CD471594.1 GI:31392862|LeukoS6\_4\_G02.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G02\_A028 3', mRNA  
sequence.:Start:1:Stop:567

AATTAGAGGCAGAGGAAGAGCCAGAGGAGTTTTTGCTGGGACAAATACTGGTCCAAACAACCTCAAATACT  
ACTTTTCAAAGAGACCGAAGGAAGAGGAATGGGATCCAGAATATACCCCAAAGAGCAAGAAGTACTTCT  
TGCATGATGACAGAGATGATGGTGTGGATTATTGGGCCAAAAGAGGAAGAGGTGCTGGTACTTTTCAACG  
TGGCAGAGGGCGCTTTAACTTCAAAAAATCAGGTAGCAGTCCAAATGGACTCATGACAAATACCAAGGG  
GACGGGATTGTTGAAGATGAAGAAGAGACCATGGAAAATAATGAAGAAAAGAGGACAGACGCAAGAAG  
AAAAGGAATAGTAAATCTGAAGTGAAGTGAACAGAGAGCAGAACTTACACCTACCGTTTTTTTACCTG  
ATTTTTGTTTTCAAATAAGAATGTAAAGATTTTACTTAAATTTTACTGTTTGAAGTAGTCTATAGAAAT  
TTTTTTTTAAGTCTTCAAATATCTTGAAAAAATAGTAGACTGTATGTTGAAAATCGTACTGAAATAAAGT  
AGAAAAAT

>GBEQ0690 |Acc|CD471593|Ver|CD471593.1 GI:31392861|LeukoS6\_4\_H04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_H04\_A028 3', mRNA  
sequence.:Start:1:Stop:595

GGGAAGCCAAAGGAGACCTGCAGAAGCTGCCCGAGGAGATCCAAAGAGACATCCTGCTGGAGAAGGAGAA  
GGTGGCCCGGGACAGCTGCGTGACAGGGCGGTGTTCAAGGGGGCTACCGCGGGTGGACTTCTTGCCCCC  
ATCGGGCGGATTGCGGGGACCGGCCGACCCCTCCATCCGCGAGAAGAGAGAAAAGATCAAAGAGATGA  
TGAACATGCTTGGGAATAATTATAAACGTTACGCTTGGGGCTTAAATGAACTGAAACCTATATCAAAGA  
AGGCCATTCGAGCAGTTTGTGTTGTTAGTATCAAAGGAGCAACAATAGTAGATGCCCTGGATACGCTTTTT  
ATTATGCAATGAAAGATGAATTTGAAGAGGCAAAAGAAATGGGTTAAACAAAATCTGGATTTTAAATGTGG  
TAAGTTAAACAAAAGTTGCCAATGCAGTTCTTAAATCTCGGTTAACATGATAAATTTTTTGTGGGGCAG  
ATAATTGCACTGTACCTTGCAGAAACAATTAATGCAATTTTAAATAGTATCATACCATGTTCTTCACTT  
GCCTTCCCTTACTACGCAATACATGTCTTTTTTT

>GBEQ0691 |Acc|CD471587|Ver|CD471587.1 GI:31392855|LeukoS6\_4\_G09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G09\_A028 3', mRNA  
sequence.:Start:1:Stop:512

TCCCCCGTTTCCCCCTGGTGGGATGCCCCATCCAGGGATGTCTCAGATGCAGTGGCTCCCCATGGCCCT  
CATGGCTTAGGACACCCGCACGCTGGGCCCCCAGGTTTTGGGGGGCAGCCACCACCCCGACCCCTG  
GAATGCCTCATCCTGGACCTCCTCACTGATGCCCCCTCATGGATACACTGGCCCTCCACGACCCCCACC  
CTATGGCTACCGAGGAGGACCCCTCCCTCCACCCAGACCCATTCCCCGGCCTCCAGTTCCCCCTCGTGGC  
CCGCTTGGAGGCCCTCTCCCTCAGTAATTTCTCATTCTTTTCTCCTCTTATATCTTCCAGTATCTTT  
TCAGTTTGGACCAATCTGCTGTAGCTTTTTGGGGCTAAAGCACTACTCCTTTTCAAGCCTTTTTTTTTTA  
AGTGTAATTTTTTTCACAGGGGGTTTTATTGTTTTCTATATTGGTCTTAAGTGTTTGCAAATGCCCAGA  
GAAATAAACTAACTCCTT

>GBEQ0692 |Acc|CD471581|Ver|CD471581.1 GI:31392849|LeukoS6\_4\_G01.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_G01\_A028 3', mRNA  
sequence.:Start:1:Stop:506

GAAAAGGGTGCTATAACACGAGACTCAAGGATGATGGCGGCTGCACCATATGGTACAATGAGATGCAGTT  
GCTGTCTGAGATAGAAGAACACCTGAAGTGTACCATTTCTCAGGTGCGAGCCAGATATAAAGGTACCCGTG  
GATGAATTTGATGGGAAAGTTACCTATGGTCAAAAAAGGGCCATTGGAGGTGGAACTATAAAGGCCATG  
TGGATATTTTGGCACCTACAGTTCAAGAGTTGGCTGCCCTTGAAAAGGAGGCACAGACATCTTCTGCA

TCTTGGCTACCTTCCTAACAGCTGTTTCAAGACCTTCTGATTTTAAACAACACTGAATAAGATTTGAATAA  
TAAAAGTCTGTAGTCTTAAACCTCTAAAAATATTGTACTGCTTCCAAGCAGCAGTATTTATAGTAACCTTA  
AGCTATTAATGCTAACTCTTGCATGTCAAGAAACATTAGTCGTAGGAATTCTTCATAAAATGGCAACTTG  
ATGAAAATAAACCTGA  
>GBEQ0693 |Acc|CD471514|Ver|CD471514.1 GI:31392782|LeukoS5\_6\_H02.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H02\_A027 3', mRNA  
sequence.:Start:1:Stop:469  
GCTTCGTGAGGCAGAGGAGGAGGAGTCAGACCACAACCTGAGGGCGGGTGGGGCCGGGACTTGGAGCCCC  
ATGGACACTTGGATGGCCAGCCAGCCGCTGGACTGCAGGGGGGGTGGCAGCAGTGGCGGCAGCAGTGG  
GTCCCTGTAGTGCACGTGTTTGTAGCTAATAAAGTGGCTGAAGAGGCAGGATGGCTTGGGGCTGCCTGGG  
GCCCCCCTCCAGGATGCTGCCAGGTGCCCTCTCCTCCCCCCCCCTAGGGGAACAGAGATATTGACCCCT  
TAAAGTCAATTTGGGGCCAGCCCTGTGGCATAGTGGTAAGTTTAGCACATTCCGCTTGGTGACCCAGG  
TTCATGGGTTTCAGATCCTGGGCACGGACCTACACTATGTATCAGGCATGCTGTGGCGGCAACTCACATAC  
AAGTAGAGGAAGATTGGCACAGATGTTAGCTCTGGGCTAATCTTCCTC  
>GBEQ0694 |Acc|CD471512|Ver|CD471512.1 GI:31392780|LeukoS5\_6\_C03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_C03\_A027 3', mRNA  
sequence.:Start:1:Stop:556  
AGTGGAGGAAGTGGGGGTTATGGAGGGAGAAGCCGATATTGAGCTTCTTCTTCTATTTGCCATGGGCTTCAC  
TGTATAAATAGGAGAGGATGAGAGCCAGAGGTAACAGAACAGCTTCAGGTTATCGAAATAACAATGTTA  
AGGAAACTTATCTCAGTCATGCATAAATATGCAGTGATATGGCAGAAGACACCAGAGCAGATGCAGAGAG  
CCATTTTGTGAATGGATTGGATTATTTAATAACATTACCTTACTGTGGAGGAAGGATTGTAAAAA  
AAATGCCCTTTGAGACAGTCTTCTAGCTTTTAAATTGTTGTTTCTTCTAGTGGTCTTTGTAAGAGTGTAG  
AATNCCACCTCCATGGAGGGAGACTGCAGGGACCCAGAAGACATAGGAGCTGCCTCCAGAGGACACTC  
AGCTAATGACCCCCAGCCAGCCTGGACTCCTAACATGGACCACCAGGAGCTTCTGGGACTTTTGGGGAGT  
CACCTGATTCTGCATCAAGATAACTGATATCCCCACATTTTGGAAATAAAGCAACAGACTTCTC  
>GBEQ0695 |Acc|CD471506|Ver|CD471506.1 GI:31392774|LeukoS5\_6\_E03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E03\_A027 3', mRNA  
sequence.:Start:1:Stop:196  
GAGTGTAGAAGCATTCCTTCTTTGATAATGTTAAATTTGTAAGTTTCAGGTGACATGTGAAACCTTTTTT  
AAGATTTTTCTCAAAGTTTGAAGAGCTATTAGCCAGGATCATGGTGTAAATAAGACATAACGTTTTTCTC  
TTAAAAAATTTAAGTGGCTGTGTAGAGTTAAGAAGCTGTTGTACATTTATGATTT  
>GBEQ0696 |Acc|CD471505|Ver|CD471505.1 GI:31392773|LeukoS5\_6\_F05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F05\_A027 3', mRNA  
sequence.:Start:1:Stop:465  
ACACGAGCCTGTATCGCGACACCGGAAGCTCACCATGACGGACTTTGTGCTTACTCTTGTGGCACTTT  
TTTGTGGTTGGTGAGCACTTCAGCCTGGGCGAAAGCTCTTACAGATATTAAATAGCTACCGGTCCCAAT  
ATTGTCCGAGAACTTGGACCTTGTAAATCAAAGAGTGACGTGTCATTTTGGCTCTGTGACTAGTATGGGAT  
CCCTAAATGTATCTGTGATCTTCGGCTTCTGAATATGATACTTTGGGGAGGAAATGCGTGGTTTGTGTA  
CAAGGAGACAGCTTACACAGTCCATCAAATACCTTCTGCTTCCCATGGCCAAGGAGGTGTTCCCCCTCCT  
TCCGGGATCTAATGAAAGGGAAAAGTACACTGTATGAAATACGGGGCTCTACTATGACCTGTTGCCAACA  
TCTTGAGAAGCATTTATGGTTTTCTAATAAAAGTAATGGCCTTTTC  
>GBEQ0697 |Acc|CD471498|Ver|CD471498.1 GI:31392766|LeukoS5\_6\_H05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H05\_A027 3', mRNA  
sequence.:Start:1:Stop:513  
ACCTTTTCAGATTTTCCATCTCTAGAAAATGGCATGGGAACAAATGATGAAGATGAATTAAGCCTTGGCCT  
GCCTGCTGAGCTCAAGAGAAAAAGGAACAGTTGGACAGCAGTCTCAGACCGAGCAAAGAGAGGCAGTCC  
ACAGTGGGCTACCCCTTCTCTGAGCAGTGACCAACCTTTCACTTGATGAGCAACCTGGCTGGGGATG  
TCATCACAGCTGCTGTGACGGCTGCTATCAAAGACCAGCTGGGGGGCGCACAGCAAGCACTTTCCAGGC  
TGCACCCGGCCAGGAGAAGACACAGATACTGAGGAAGGTGATGACTTTGAACTCCTTGACCAGTCAGAG  
CTCGATCAAATTTGAGAGTGAATTGGGACTTTCACAAGACCAGGAAGCAGAAGCACAGCAAAATAAGAAGC  
CTGAGGCTTCTCTAATCTCCTCGGAGGCCATTAGCCTGGGGATCAACTTGTACAACAGAGCACAGA  
TAACTACCAAAAAATTTCAAAC  
>GBEQ0698 |Acc|CD471494|Ver|CD471494.1 GI:31392762|LeukoS5\_6\_H01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:576  
ACATCATAAATTTGACCTGCTCATCTACCCAAGGTTACCCAGAACCTAAGAAGATGTATTTTTCAGTACA  
AACTGAGAATTCACGACTAAATATGATGCTGTCTATGAATAAATCTCAAATAATATCACAGAACTGTAC



AACGTTTCTATCAGCATGTCTTATTTCATTCATCCTGAAACAAACAATGTGAGCATCTCCTGTGTTCTGC  
AGCCTGAGCCAACGGAGACACTGATTCTCTCTCCACCTTACAAATATAGGTACAAAGCCACGTGAGAAAGC  
CCGGCATGAACAAGACCACATCCGCTGGATTACAGCTCTACTTCTAATATTGATCGTTGTGTGCGGGATG  
GTGTTGCTTTTAAACACGAAGGAAATGGAAGAAGAAGCAGCCTGGCCCCCTCTCATGAGTGTGAAACCATCA  
GAGTGGAGGAGAAAGAGAGTGAACAGACTGAGGAAAGAGTAGAAAATCCTGAAATATCCGCTGAAGTTCA  
GTGTGGTGGTAATATTTGAAGACGACTTCAGGCGACTAAAGTACTGCGCATTTTTAATTAAAGAGTAA  
ATTCGTATGACTATCC

>GBEQ0699 |Acc|CD471487|Ver|CD471487.1 GI:31392755|LeukoS5\_6\_A12.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A12\_A027 3', mRNA  
sequence.:Start:1:Stop:551  
GAGCTGAAACTCCTTGGACATTTTCCATGGTCTCACTAATTACGCCGAAGTCCGCTCTGGATCTTATGGG  
GAAGGACACTTTGACCTTTTTTTCATCTCTCCTTTTTATATATTTTGCATTGCATGTCTAACATGCAT  
GCCTATATACCTTATATATTAGGGTAGCCCATTTATAAATTAAAGAGTACATTTACATGGTCTCGCTAAC  
GACACTGAACCTTCTGTCTGGATCTTATAGGGAAGAACATTTCTTTTTCTTTTCATCTCTCCTTTTTAT  
ATTTCTTACTTTGTATGTATGACATACATGCCTATATATTTTCTATACTGAGGGTAGCCCATTTATAAAT  
TAAGAGCACATTGTATTCAGCAAGTTATAATGGGGCTGGTCTTAAGTGGACCACTATATGTATAAATATT  
TTGGAGAAAACACTGTATACATTTTGGGCAACGGTTATGCATATTATTTACAAGGAGAAACTTTTTCTTA  
AAGAGCCAACATTTAAATTTAAGTAAATGTTCTATGTCAATAAAAGANAAATGTACTTTG

>GBEQ0700 |Acc|CD471485|Ver|CD471485.1 GI:31392753|LeukoS5\_6\_G06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_G06\_A027 3', mRNA  
sequence.:Start:1:Stop:582  
AATCCTTTGATAGACTCGTTATTCCAGGAGCGGCAAGACGTTATTGCAAGGATTGCTCAACACTTGGAGC  
ATATTGATCCGGCGGCATCGCACATGCCCCGGCAGTCATTCAAAATGCATGACTCCAGTTCGCTTCCCTTC  
TAAAGTGTTTAGGAGTTTCGTATGAAGCAAAAATTTGTTGAAGAAGAACAAGGATTATGCCTCTGTTTCC  
ATTTTTAATGGGAAATTTTCTTGTAGAGATAGCAGTGAAGGGAAAAACTTAATACCTAATAAATCTTT  
TTAGTCTTTTTAAATGCAGTAGTAAAGCCAAGTCCTTTTTGAAACCTCAAACAAGACATTTGTATCAGGA  
CAATCCTGGTGAAATCATCCAAAGTACATGTCAAGAGACACAGAGCAAAGCCACTAGTTTACTGACTCCC  
TCAAATATGCTCATTTGCAAAGAAAATAACTTAGATTTGACAATCAGATTGGAAAATACACTTTCCGAGT  
GTCAATTTAAGGAGCAAGAAATAAGCAATGGAATTGATAAACAGTATTTCATATTGCAACGGTATTGACAA  
ACAGATTTGTGCAATAAATGT

>GBEQ0701 |Acc|CD471478|Ver|CD471478.1 GI:31392746|LeukoS5\_6\_D07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_D07\_A027 3', mRNA  
sequence.:Start:1:Stop:594  
AGAAGTGTTTGGCAACATATTGACTGCATGGGCATTGACAGGCAGCATATTCCTGATACATATCTATGTG  
AACGTTGTCAGCCTAGGAGTTTGGATAAAGAGAGAGCAGTGCTACTACAACGCCGAAAAAGGGAAAAATAT  
GTCAGATGGTGATACTAGCGCAACCAGAGTGGTGATGAGGTTCTGTGGAATTATATACTGCGTTTCAG  
CATACCCCAACATCGATTACTTTAACTGCTTCAAGAGTTTCCAAGGTTAATGATAAAGAAGGAAAAA  
GTGGCGAGAAAGAACAAAGCATTGCAAAATGTAAGAAAGCCTTTCGTGAAGGTTCTAGGAAATCATCAAG  
AGTTAAGGGTTCAGCTCCAGAGATTGATCCTTCATCTGATGGTGCAAATTTTGGATGGGAGACAAAAATC  
AAAGCATGGATGGATCGATATGAAGAAGCAAATAATAACCAATACAGTGAGGGTGTTCAAAGGGAGGCAC  
AAAGACTAGCTCTGAGATTAGGCAATGGAAATGACAAAAAGAGATAAATAAATCAGATTTGAATACCAA  
CAATTTGCTCTTCAAACCTCCTGTAGAGAGCTAT

>GBEQ0702 |Acc|CD471477|Ver|CD471477.1 GI:31392745|LeukoS5\_6\_E09.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E09\_A027 3', mRNA  
sequence.:Start:1:Stop:480  
AGGAGTCCATACACATCCCAGTGAGCAGATATAGTTGCTTATTTATAGCATGTTTCTTTTTGAAAAAT  
TAGTGGTGGACACATTTGGATCACATTTATACAGTTATGAAAATAAAGATTTGATTTTGGTCATTTCTCA  
GATTTTTGGCTCTGAATGACTTAAGCTGAAGTAATTGGCTCCTTTAAGAAATGTTGCACCATCATTCACC  
CTGAGGATTCTTGGACCCTGTTAGATATTGTTAGGTGCTGAGGTTGTAATGAGGTCTTTAGCAGAATGTA  
AACTTAACTTATTTGTAATTACTTTATTCAGCTGTTAAGAAATATAGTACTTAGAGGTTTTATGTCTCG  
TCCCTCACATTTGGCATTGTTGGTAGGTTACATTCTTCCCATGCCAAGGTGAACGTGATAATTAATGCCAGTG  
CAACCCCTTTATTTTACAAACAGTAAAAAATGACTTGAGTGTCTATAAATAAATTTGAG

>GBEQ0703 |Acc|CD471474|Ver|CD471474.1 GI:31392742|LeukoS5\_6\_F07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F07\_A027 3', mRNA  
sequence.:Start:1:Stop:513  
CTGGCCGATGCGGGCCGCGTGTGGCTGGCAAGGCCTTTGGGTCCGGGCTGGTGGGGCACCGGCTGTTCC  
TGGCCCGCCAGGTGCTCATCGCGTGGCTTCTGAGCAGCAGCGTGAACCCCGTGTGTACGCGTGGCG

CGGCGGCGGCCTGCTGCGCTCAGCGGGCGTGGGCTTCGTGCGCAAGATGCTGGAGGGCACCGGCTCCGAG  
ATGTCACGACGCGCCGTGGGGGCACCCTGAACCTGACTGTAAAGGGCGCCCCACCTCCCCGAGCCTG  
CACCTCCGAGAGCCTCACTCTTTCCACCAACCCTTCGAATGAAGCGAACCAAGTGGGCTGGGGGTA  
TGGTGATGGCGAATGCCCCCTTGCCAGCCTGACCCAATTTCTGTACCCAGGAGGAGAACTCATGTTGG  
GGGTGGAGCGGAAGAAGGGGGGGGGGAGGGCCGAGTAAGGGCGGAGTGAGAGCCTGGCTCCCGAGGCAG  
CTTTACAATTAACCTGAGCCTG

>GBEQ0704 |Acc|CD471464|Ver|CD471464.1 GI:31392732|LeukoS5\_6\_H10.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_H10\_A027 3', mRNA  
sequence.:Start:1:Stop:512  
TCAGCATGTGCGGCCTCATGCTCAAGCTGAAGTGGTGGCTTGGGTCGCGTCTACTGCTCCTTCATCAG  
CTTTGCCAACTCGCGGAGCTCTGAGGACACTAAGCAGATGATGAGTAGCTTCATGCTGTCCATCTCTGCC  
GTGGTGATGTGCTATCTGCAGAACCTCAGCCCATGACGCCCCCTGGTGATGTGAGCCTTGAGGGGTTA  
CATCTGGACCCCTCCATCCAACCTCCCCCAGGCTGGCCCTTGGCTGCTCAGCCTCCTGCCCTCGGCTG  
CTGTCTGGGCTTCCCTGGGGAAGGCAGCCTCAGGCCCCGAGCTGGCTGGAGGGAGCCTGGCCCTTTCCC  
TGGGACCCCACTTCCACTGGGGCAGAGAGGGGATACCCTAGGCCACCCCTCCTGCCTTCTCTCCACC  
CTGCCTGCTGCTGGAGGCGATGCTGTCCATGTTTCTAGACGTATCCACTCATTTTCTTGTGAAACCAGT  
TAATAATAAAGTTTTGCAATTTG

>GBEQ0705 |Acc|CD471461|Ver|CD471461.1 GI:31392729|LeukoS5\_6\_B02.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_B02\_A027 3', mRNA  
sequence.:Start:1:Stop:462  
TGTGGTGGCTGGAGCTGTGATCTGGAGGAAGAAGCGCCAGGTGAAAAAGAGGGATTTACGTGCAGGCT  
GCAACAGTGACAGTGCCAGGGATCTGATGCGTCTCTCCACAGAAAGTGTGAGACGGTGGCCCTGTGG  
GAGACCAAGTGATGCAAGATTTGTTACGCTCCTACTTTGTGACTTCAGATCCCCTCTCTTCTTTCTG  
TAGCTGGCATCTGAATGTGTCTGTGTTCCCTATTAGCATAATGAGAGGAGGTGGGGAAATTGACCCACCCC  
TGCTTCCACGACCCCTCCCTGTCTTAACCTTCTGTGCACTCAGTAGTGATCATTTGCTTCCTTGCTG  
AAAATATGGATCCAGATATGAATTTTTTCTAATTTCTTCTTAAGGGATTGATGTGTTAATTAAAGAAG  
AAGATTCCCTAAAGTTTGAGAGTGGAATAAATGGAAGCTCTG

>GBEQ0706 |Acc|CD471456|Ver|CD471456.1 GI:31392724|LeukoS5\_6\_E04.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E04\_A027 3', mRNA  
sequence.:Start:1:Stop:465  
TAAATGTTTGTCTTTTCTCAACTGTTACCTATTATGGGAACCCCTGGAGTATCCCACCCAGCTACCTAATC  
CCTCAGTGACCCTGAACATAATGTCCATGGAAGCAATAAATCCCCCTTTATGAAGCCTTTATTGAATTT  
TTTTCTGTCTTTCTCTGAGGGCTGACCAGAACCATGGCACCCTACGCTTCATTTATTCTCATTTCCAG  
ATCATGTTTAGTCTGGGAAATTAAGCAACACAGGAGCAACCAAGTATAGACTGATAATATTTTATATCT  
TAGCTGAGGTAGCATTTCTCTCTCTTTGTTCCACCCCTGGTCACTGCCACTCCCCTCCCCCAATT  
CAGACTTCAATGAAGTAATATATACCCTCTGCATTTGGTGTAGTTTGTGTAAGAGACATACAAAATC  
CAAGAAAGAAATCTGTCTCATTTTAATGTAACCTTTTAAAGTTA

>GBEQ0707 |Acc|CD471454|Ver|CD471454.1 GI:31392722|LeukoS5\_6\_A07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A07\_A027 3', mRNA  
sequence.:Start:1:Stop:555  
GATAATTATGTCTGTGTAGTTTGAATTTTATGATTAACCTTTGAGCCAAAATATAATTGGACAGA  
TGGTCTCATTATTTTATTTATCGTGCCCCATTGCAACTTTATGGCTCAGTAAAATATGCTTTTTTTTACA  
AATGTAAATTTTTAAATTTAAGCATTGTAAAGTTATAGCAAAAGTTGCAAAATCTGTTAATACACAGAAT  
GTGTATGGATTATTTATGTTATGAAAATAAAACACTTAAATAAATGATCTTTTAGTATTTCAAGTTCCA  
ACTCCAGTAATTAGCATTAACCTTTTTCTTCCCAAAGCAATGCCTCATTTCTCGGCTGTGCAGGTGATGCC  
ATGACATATCTGATAACCAGAAAAATCACTGTGCTGAACCTTAATTTATGTTTAGCTTCCACATATTTTT  
CTAATGTTTTGCTTTTTTAAATGGTATCACTGTGTTAAATGCCATTTCTGTTTTGAGATTGTGGCTCTTTAT  
TGTGCTGCTTCTGGATCTGCTGTATCTGTGTTCTTTTTTAAGTACAAAAGGGGGGAATAAAGGG  
TGTGCTGCTTCTGGATCTGCTGTATCTGTGTTCTTTTTTAAGTACAAAAGGGGGGAATAAAGGG

>GBEQ0708 |Acc|CD471449|Ver|CD471449.1 GI:31392717|LeukoS5\_6\_A03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A03\_A027 3', mRNA  
sequence.:Start:1:Stop:581  
TCCTCCCCATCCGACACCGGCATCAGGGCAAAGGAAAGATGTCAGGGGTTGCAGACCCACAGCCCAAGGA  
CGGAGCCTGCAGATCAGCTCCAGCCAGCTGTAGACGCCAGGAAGAGACCTCTATGCTGCCGTGAAG  
GACACACAGCCTGAGGAGGGGGTGCAGCTGCACCATCAGCAGGGCACTCATGATGAAGACAACAAGAGAG  
TAAAGTATGCCAGGCTGATATCTGAAGCCCCCAGGACGTGACCTACGCCAGTTGAACCACTTGAC  
CCTCAGACGGGAGATGACATCCCCTTCTCCAGTCAGAGGAGCCCCCAGCAGAGCCCATGTTTTCTTT  
CTCCCCCATCCGGCACCCCGATATATTATATATAAAGTCTTGAAATTTGGTGTGCTTGGGGGGGGCAC

CACCGCTGCCCTGGGGTCTTTTTTATTTTCTGAAATCACTCTTGGGACTGCCGTCTCGCTGCTGG  
GGGCATATGCCCCAGCCCCTGCACCACCCTGCTGCTGCCCTGGGCAGGGGGAAGGGGGGCGACGGTGCCT  
GTAATTATTAAACATGAATTC  
>GBEQ0709 |Acc|CD471375|Ver|CD471375.1 GI:31392643|LeukoS5\_5\_B11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B11\_A027 3', mRNA  
sequence.:Start:1:Stop:563  
AGGTGATCCTGGGGTCTTCCCTTNGTAGTCATGGCTGCTGCTACACCATCATTATTACACTCT  
CATTCAAGCCAAGAAGTCATCCAAGCACAAGGCCCTGAGGGTGACCATCACTGTCTTACTGTCTTCATC  
TTATCTCAGTTCCTTATAACTGTGTTCTGTTGGTGCAGACCATTGACGCCTATGCCATGTTTCATTTCCA  
GTTGTGCCATTTCCACCAACATTGACATCTGCTTCCAGGTCACTCAAACATTGCCTTTTTCCACAGTTG  
CCTGAACCTGTTCTATGTTTTTGTGGGTGAGAGATTCCGCCGGGATCTTGTGAAAACCTGAAGAAC  
TTTGGTTGCATCAGCCAGGCTCAGTGGGTTTCGTTTACAAGGAGAGAGGGAAGCTTGAAGCTGTCTTCTA  
TGTTGCTGGAGACAACCTCGGAGCTCTCTCCCTCTGAGGGTGTCCATGAGGTGGGTGGTCTTTCGG  
AAGTAATTAGAAATACGATACAGCTTCCCACCTGACAGGACAAAGGGAACCAAGAAGGAAAAGGAA  
GTG  
>GBEQ0710 |Acc|CD471360|Ver|CD471360.1 GI:31392628|LeukoS5\_5\_A05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A05\_A027 3', mRNA  
sequence.:Start:1:Stop:518  
CCAGCCCCCAACCTGCCCTTGGGGTGCCACCTCCAGCCCAGGCTTCAAGATGCTGCTGAGGGAGGGC  
TGGGAGCCTGGAATGGGGCTGGGACCCCGGGGCGAAGGCCGACCAATCCCATCCCCACTGTCTCAAGA  
GGGACCAAGAAGGATTAGGGTACAGATCCGTGCCCGAGCCCCGAGTCACACACTTCTGGCTCGGGATAC  
CCGGCTGTGGCTGGGAGAGAGAGAGCCCTCGGGTGATCAGCTGACTCGGAGGGAGGAGAGAGGAGGCAG  
GAGGAGAAGGACAGGGCTGGGAGCGGATCTGAGGACATACATGAACCTTGAGTTCTGACCTTAGCAAG  
ATCTGACCCTGGGCTGCTGCCAAAGTCTGAACCTTGTGCCCTGACCTGGGCACCTTGGCTTCTACTTCT  
ACAGTCTGCCCAAGTCTAGACCCTTAGGTTTTCTGTCAGTGGGCTCTGCCTTTGGGAGAGAGGGACTGAG  
AGTTGAGAAATAAATCAACCTTCTCCTT  
>GBEQ0711 |Acc|CD471359|Ver|CD471359.1 GI:31392627|LeukoS5\_5\_B07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_B07\_A027 3', mRNA  
sequence.:Start:1:Stop:533  
GATCAATCAAAAAGTTTTTCCAGGCAGAGGTCCAAATCTGTACAGATGCTGCCACCCCAACGTCTTGCC  
TCTGCTGGGCTTCTGCACCGGAGGACAGTTTCACAGCTTGGTCCACCCCTACATGGCAATGGTTCTCTAC  
AGGACAGACTCCAGCACCAGGTAAAGGGCTGGGTACGGTCAGAGAACAGGGCCAGGCAGCACCAGTTA  
GAGAATCAAGGGTGAAGGATTATAGGAGCCAGAGGGAGAGGCCATCCAGAGAGGCTCTTAAGGAGA  
GAAGTCAGGCCAGGATAGTTACGATCTGGCTAAACATCTTCAGGTAAGAAACCTATGGGGGGCCAGCGTGG  
CAGCTGAGTGGTTAAGTTCCTGCTCCATTTCCGCGGCCCTGGGTTTTACCGATTGGGATCCTGGATGC  
GGTCATGGCACCCTCATCAGGCCATGGTGAGGTGGCGTCCCACATAGCACAGCCAGGACCTACAACCTAG  
AATATACAATTATGTACTGGGGGCTTTGGGAGAGAAGAAAG  
>GBEQ0712 |Acc|CD471357|Ver|CD471357.1 GI:31392625|LeukoS5\_5\_H11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_H11\_A027 3', mRNA  
sequence.:Start:1:Stop:486  
TAAAGAAATAAGTCTATGAAAGACAATTTCCATTAAGAGACCCTTGGCAGAAAACCTTCAGAATTCTCT  
GTTTTGCATGATCCTGTACATTCAAGTGCTCAAATTTTAAATCTCTGGGCTGCATTGTTTCAGTCCAGA  
GCCTTCATACAGATCAAACTACACAGGAACCTGAAAAGATCCCATTCTTTGCCACCAATATCGTGTT  
TGAAGACAAACAGTTGAAATTAGAACTGAGAGCTGTTTACATCAGGAGCCTTTGGAAAAGGATTGTGT  
ACATGTTGCTACATCTCCAGAAATTATACGTTTTCTGGGTATTTCTAAATTTTAGGAGTAAGCTTAAGTA  
CTGAAAACATTTTCTACAAGAAATTTATAGTATTCTGTGTTGACATATTTATTTATATATTACATTAC  
TATACTTTAGGAAATTTTAGTATTTGCCAACGTCAAAAATAAAGAACTCACTTTTAAGAAATCC  
>GBEQ0713 |Acc|CD471351|Ver|CD471351.1 GI:31392619|LeukoS5\_5\_D07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D07\_A027 3', mRNA  
sequence.:Start:1:Stop:501  
GTGAGAGGTTATGTGACTTGCCCGAGGTCTCCGGCCTGGAGATGTGAGAGGTGGGATTGAGCCTGGGT  
CCGCTGACTGAGAGCCCTGTGTGAGCCCCAGGCGACCCTGTGACTCGGACCCCTTCTCTGCACCACC  
CTGGGGAAGTGGGGAGCCAGGGGAGAGGGGGAGCTCCAAGGGGAGGCCCTGGGGGTTGCCGCTAAATA  
GCCAAATCCTGCTGTGCTGCCAGGCCGAGGCCCTGCCAAGGCGGTCTGTGGGCCGTGGGAGTCTCCA  
CGGCCCTCGGGGATGCACAGGCTGCTAGGACAGCCGCGCTCAGCCAGGGCTCATTTCTGTTCCCTGGGG  
ACGTTTGGTCACGTCTGGAACACTTGTGACGGAAAAATACGTGTGTATATACATCCACACTTAGATA  
TGTTCAATTATCAATTTTACTGCTACAAAGGATGTTTAGTACACAACCTTACAAATAAAAAATACATAATAC

GTTTTATTGTG

>GBEQ0714 |Acc|CD471350|Ver|CD471350.1 GI:31392618|LeukoS5\_5\_D10.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D10\_A027 3', mRNA sequence.:Start:1:Stop:557

CTGAGAAACGTAAGACTATTTTTTTCAGTGTATATCTACTCAGATATTGTGTATTTTTTGATGTGCACTGT  
TAAGCAAGTTCTGAACCTTTGGGAAAAAAGCATTTATGATCCTTGAAATAAGTCAGAGGTTAACTTAT  
TTAAAGGGGGATGTACATATAGTCTGAACTAGGATGCATGCAATTGTGTTGGAAATGTCTTGGTGCCCT  
TGTGTGATGTAGACAATGTTACAGGGTCCGCATGTAAATGGGTTGCCTTACTATGGAAAAAAAATCAC  
TCCCTGGGTTTATTATGGCTGTATATTTCTGCCTATTAATATTTGGAATTTTTTTTAGAAAGTATATTTT  
TGTATGCTCTGTTTTGTGACTTAAAAGTGTACCTTTGTAGTCGACTTGCAGATAAGAATGTAAATAATG  
TTACTGGAGCTGACTTGTGTTGGTTATTAGCTCTTAATAGTTGTGGAAATATAAATGATTTATCTAATGC  
GAAACCACTAACTGAAGTTCAGATAATGGATCGTTTATGACTATAGTGTAATAAATACCTTTTCAAC

>GBEQ0715 |Acc|CD471347|Ver|CD471347.1 GI:31392615|LeukoS5\_5\_A08.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A08\_A027 3', mRNA sequence.:Start:1:Stop:539

CTCCAAGCCCCCTAGGCCAGAGATTTCAGTTGCAGAAACGCAAGCATCGCTCTTTTACCAGCTTTCCACC  
TTGACCTGCTCTCCCTGAAGCTACAAGCTGCTCAGCTGACCCCCACAGGAGCCTTTGGGCCAAGTTTCTC  
TTGTCCCAGTGACCACTTCCATCTTGCTGCCCTCTCATCATCGGCCTGATCCTCCTCGGCCTCTTCGCCCTG  
GTCTCTATTACCTTCTGTGTCATCCGGAGACGCCCACCCACCTACCAGCCACTCTGAGCGTTTATCCCAA  
CTCCCAGGGCACCAGGGGGTGCCTCATTTCTCACTACTCGGCCGACTCAGAGACCAAATTATCTTCCTT  
CCCTCTCTGTCTGAAGAACAAAAGTAGAGAGAATGCAATCAGCAGGGATGAGGGGAGAGATGTTTATTA  
AATGCAGCAGGTTGCCCCCTCCCCATCCCCAGTAGGAGAATGGTAAAACCTATTCAAATCTTTGTCCCT  
GATTTCCCTTGTCTTCTGCCAGAATTTAAAGCCGTGAGTTTTTTGTCT

>GBEQ0716 |Acc|CD471341|Ver|CD471341.1 GI:31392609|LeukoS5\_5\_C08.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_C08\_A027 3', mRNA sequence.:Start:1:Stop:602

TAAGATGGGAGCCGCCCTCAGCTCATCATCCCCATTGTGGGCATCCTTGCTGGCCTGGTTCTCCTTGG  
AGCTGGAGCTGTGATGTGGAGGAAGAAGTGTCTCAGGTGAAAAAGAAGGAGCTCTGCTCAGGCTACTGTT  
AACGACAGTGCCCAGGGCTCTGACGCATCCCTCATGGATCCCAAAGTCTGAGACAACCTGCTTGTGGGGG  
ATGGAGTGGTGCAAGATTAAATTCACATCTCCCTTGTGACACAAGAATCCTTGACTTCTCTTCTGCAAC  
TGGCATCTGAATGTGTCTGTGTTCCCTATCAGCATAAGGTGAGGAGCAGAGGAGATTAGCCCACTGCCGGT  
CCACCATGACTCCCTCCCCACACTGATCTGTGTTCTTTTTCTGATCGACTTTCTCTTCCAGCAGAAGT  
GAGACTGGCCTGTCTCCATCCTTGTCTTAACTTCATGTTGCAATGAGTAGTAATGACTTGCTTCCTTATT  
GAAAATATGAATCCAGATATGAATTTTTTCTATTCTTGTCTAAGGGATTGATGTTTGAATTAAAGGAG  
AAATTTCTTAAAGTTTGGGAGAGGAAATAAATGGAAGCACTG

>GBEQ0717 |Acc|CD471335|Ver|CD471335.1 GI:31392603|LeukoS5\_5\_C04.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_C04\_A027 3', mRNA sequence.:Start:1:Stop:560

GCCTAGAAAAGGAACCTTGCTCCATTATTTGAAGAATTGAGACAAGTTGTGGAAGTTTCTTAATCTGCCAG  
CAGTTTCGATGTATACCCTGTCTTCATTATAACAGACACAATAGCAATCCAGCCATCTGTAGACCACAAC  
AGTGCTTTTATCCGTGTAAGTCAAGAAAGGGTCCCTTTTCCACCTTACACTAAAGAACGAACCTATAGAT  
ATAATGTCTGGACAGATTATCTTTTCTGTGTAGGGCCTTTTCTTATTTAGTGAGATCTGGGGATACCAC  
AGAAATGGTTTCAGTCTCTCACAGCTCCCATGGAGCTAGTCCAGTCACCAAATACAGAGGAGATTCTGTCC  
GTGCGTCAGAATCAAAATGTTACCTTGATCCACTTGAACCACTAAGTGCTCCCTCTTGTACAATACACCC  
AGGCCTGCAGAATGTGGCAAACCTTTTATTGTGAATAAATGAGGACATATTTTCTTCATATTGTT  
TTATTTCTTTGCTTTGAGTGTAAGGAAGATAAAATGGCTTAGTAAAAGTAATAAAATCAGTACAATCACT

>GBEQ0718 |Acc|CD471332|Ver|CD471332.1 GI:31392600|LeukoS5\_5\_F06.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_F06\_A027 3', mRNA sequence.:Start:1:Stop:527

CTGCACGGAAAGACTCGGCATTTTTCTGATATAGAAAAGGCTATCTTTAGTATCCTGTTGTCATAATGTG  
TCAGAATCTATGCATTAGAGTTGATGTGTTTTGTACTAGTGTACAGCATAAAATCATATAACAAGTACT  
TGAGGATTCAGGCTCTCTCTGTAGGATATCATAGCTCTATATTGGATAAAAGCCACTGTGCTTGTGTTT  
TGATTTGGAAGTTCTTTAGTGTCTGTTGTTTGGAAAGCCATTGATGTCTGCCACTGAAATTCACATCCATA  
GAAGTATGTTTACTTCCATGGAAGTTTGTCTTAAAGTGACACTATGCACGCAGAGTTCAATTTCTAGTTCT  
TGATAGAAGTGCACCTTAATTCTAAGTGTATTCTTGACTTTGTAAGGGCTGTGCTGTAAAGAGAAATGTT  
TCTGTCTTACTGATAAAATCTACATATGCTTTAGAATTTTCTAAGACAGTCCTATGGATCCTGTAAATGT  
GAATTTTGATGTAATAACTGCTAATAAAATATATTTG

>GBEQ0719 |Acc|CD471328|Ver|CD471328.1 GI:31392596|LeukoS5\_5\_A10.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_A10\_A027 3', mRNA sequence.:Start:1:Stop:523  
AGAGCCAGGCAGCTTGACCCCAAAGGCTCAGATCTTTGTCCAAAAGCCCAATTTGGGGCAAAAATGGATT  
GTTTTTCTTTTTCTTCTGTTTTATTTTATGATGTTTTTGGAAATGAGAGAAGCTGTTTTATTTCTTCACT  
TGAAACAAGAGGTAGGGGGAAAAATTCCAAACAGAACCATCTTTCTGCCTTATTAGCTTTTTGTCAGAA  
AGAATAGCAACAGTTGGTGATAATGGCCCTCAGACAAAGTTGGAAAATAGAGTCCAAACTTTATGGCCA  
AGACCATTTTTTAAAGTCTAAACCTATAGTTTCCACTGTTGAGTACTGTTACGTGCTGTTACTCTTTTA  
AATGTTTGCACTTGATACTTTGTATTGTTTTAAAGAACTTGCCGTTAAGCCATTTCTTTAAAAAGTCCT  
ATGTAATACTAAAGGACTACAACAATTTTAAAACTCTATGGGATTTCTTCTTCAGTGGTTGGTTTGCTG  
TGGCTTTTCATTCAATAAATATTTATTTAGGCT

>GBEQ0720 |Acc|CD471326|Ver|CD471326.1 GI:31392594|LeukoS5\_5\_G04.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_G04\_A027 3', mRNA sequence.:Start:1:Stop:540  
AAAAAAAAGTATGAGGCAGTTAGCAGTACCAATCAAGTTATTAAGTGACTCTAACCAGTGCCACTTTTC  
TCTGTTATCTTTGAAAAATCTTGCTTTTTTAGCATTTTCAAGATTGTAACATCCTGCAGTTCTGTTTC  
TGAGAGGTTTACTGATTTATCTTCTACTCAACAAACAAGTACTGATTGCCACATTTCTGAAGAAGAT  
CTCCGGATCTGGACTACTGTGGAAGAACTCTCAGTGAGGTATCCGTAACCTTGAGAGATGGTGAATGAAT  
ACCAGAAAATTTGTTCTTCTGAAAGGATTAGAGCCCATCAGTGCCATATCATTTTAGCATGGTTAAATCTCT  
ATTGGCCCATGGTTTACAACCTGACTGCCAAACCTCAAGATGAATATAGTAAAATTGAGATTGCTAAGTTA  
ATGGCAGAAAAGTATCGAGGAGCCACCTGTGTTGACAAACCAATAGACTTGTACAAAGATATACCAGAAC  
TTAAAAGCCTTGTTAAAAATCTGAGAAGTGAAAAGTTAAAAGTCGCAGTG

>GBEQ0721 |Acc|CD471317|Ver|CD471317.1 GI:31392585|LeukoS5\_5\_D05.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_5\_D05\_A027 3', mRNA sequence.:Start:1:Stop:603  
AAAAAAGAGGTGTGCCTCAGATTAATGAGGAAATGCTCTTTCATGGTACCAGCAGTGAATTTGTGGAAGC  
AATTTGCATTCATAACTTTGATTGGAGAATAAATGGTATACATGGTGCTCTCTTTGGAAAAGGAACCTAT  
TTTGCTAGAGATGCTGCTTACTCCAGTCGCTTCTGCAAAGATGACATAAGGCATGGAAACACATTTCCAGA  
TCCATGGTGTGAGCTTGCAGCAGCGGCATCTATATAGAACATATAAATCTATGTTCTTGCTCGAGTGCT  
AATTGGAGATTACATAAACGGAGACTCCAAATACATGAGACCTCCTTCCAAAGATGGGAGCTATGTGAAT  
TTGTATGACAGCTGTGTGGACGACACCTGGAACCCAAAGATCTTTGTGGTGTGTTGATGCCAACCAGATCT  
ATCCTGAGTACTTAATAGACTTTTATTGATTTCACTTCCAAATATCCGTGATCAAGGAAGTTTTCTTCTT  
TTTTGCAGGAAGATTTGCTCTCTGTGTCATCTAGCCACTTAATGTTAATTGTCTGATACTTTTGAACAGA  
TATGAAAAAAGTGGCCTCCATATAAAAAGACATACTAATCTT

>GBEQ0722 |Acc|CD471235|Ver|CD471235.1 GI:31392503|LeukoS5\_1\_E08.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E08\_A027 3', mRNA sequence.:Start:1:Stop:593  
AGGCCACACAGGTAGGGCCTGACCTAGGAGAGGCCTGGAAGTTGAGTCTCCTTACAGTCTGAGCATTTA  
ATGGGCACGCCTTGCAACAGGAGCAGGAGATGCCAGTCATTGCAATGGCATTATGTCCAGTGTTAGGC  
TGGGCTCCAGCTTCTAGCTTTCCCTTCTGTGCCCTGAGGCCAGTGGTGAGTATTCATGGGCCTCTTACCA  
TTCCCACCTGTGTTCCCTCACCCATGCTGTCTTGTGATGAACCCAGTTTCTCCAGAGGTAGAATCTGA  
CCAAGCATGAGAGAGGTTGCTCTCGGGACCAAGTGGCTTGGAATCCGCCACCCCATGCCATAAATCCG  
TGTGTGTGTTCACTTCTAGCTGCTGGGGGCTGTCCCTGCTTGGGGAGTTGGGACAGTCTGCTCTCTGGG  
TATCTTTGGCCAGGCTACTGCCCTCTGCAGCTTGGACCCCTTCTTGCCTGCCATTTCTGCTTGACTTC  
GTCCCCAGGGACAGTTGCCACCTCCCACTGCAATGCTTTTTTTTTTTTATTTGTGTTTTTCCATTTGG  
GGCCAAAAGTTCACTGAACTGTAAAGCTTCAAT

>GBEQ0723 |Acc|CD471232|Ver|CD471232.1 GI:31392500|LeukoS5\_1\_H06.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H06\_A027 3', mRNA sequence.:Start:1:Stop:610  
TAGAGAAAATTTGGAGCCAGTCTGTAAAAAAGCGATTTTTATATAAATTATTCATCAGGGTTGAGTCAAGT  
GGCAGAGTCTGGCTTAAAGAAAATATCTTAGTTCTTTGTCTATAATGTGTCTTCTCTCACTTTAGGCAAC  
AGAAGCAGCAGTACACTAACCAGCTTGCCAAAGAAACAGACAAGTACATTAAAGAGTTTGGATCCCTGCC  
CACCACCCCACTGAACAGGTATCGAGCTGTGAGACACACTGTTGGTGCCGTGAGTGTGAGAGAAAGCAG  
ATGTGCTGCAGGATCTCTGGACTGTTAGGCCAGAAAGGAACTTAGGGGGATAAACTCTTATTTGAGATTG  
GTTACAGAAACCAAAACTATGCTTAATTGCCAGGTAGTATCCGGTGGTTTCAGTAAAGCAAAGATTATG  
TCCATGCAAAATGCCCTGACCCCTACTGAAGTCAGTGCTGAGAAAGCGCTTCTGCGTGATTGCTTCTCTGA  
CCTTCTAGGACTGACCTCACACAGGCGCCCGCAGTTCAAGATGTGAGGGTCCCTAGGGGCGCATATTTTC

TTTCCTTGCTTACTAAGCAGAAGTTACTACTTAGGTAAGAGCATAAGGTT  
>GBEQ0724 |Acc|CD471224|Ver|CD471224.1 GI:31392492|LeukoS5\_1\_B08.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B08\_A027 3', mRNA sequence.:Start:1:Stop:577  
CCAAGGGCTGGAGCCTGGTAGAGATAGGGGTGCGAGATGCTGTGGACTGGCTCAGCTTGTCTTGGACTCT  
TAAATTCGCCAGTATAAGCATGTGGACTGAGAGGCAGTTTTGTTTCCTTCCTACGTCATGGCCCTTAGGG  
AGTGGGGCCTTAGCTCTTCCTCGGCAGAAAACAGGTCGGGGGAAGACGGACTGTGGTGGAAACCAGCCCC  
AAGTACAGTGGGGAGATGGCCATTGTCACCTCTGAGGTCCTGCCTGTTAGGTCTGGACACAATCATTGGA  
ATTCTTGGAGTATGGTTCAATGCACACATCTTGTACGAAAGCTACTGGACTTCATCCCTTTGTATCCA  
ACTGCATCCAGGCCTGAGACTGCTGACCCCTTGACACCAGGAGCCATTTATTTAGTGCAGAGTGCCCATTT  
GTATCTTGAGCGAAGAAGCTAGGCCTGGGGGTGGGGTGGGGGAAGGGATGGGAGCCAATACTGAGTGC  
CTGCAGCATCTACTATGTCTTCACTATTTCAGACCCTGTAAGTATTTAAAGAACTGATTTTAAAT  
GCAAATTAAGGGCAA  
>GBEQ0725 |Acc|CD471211|Ver|CD471211.1 GI:31392479|LeukoS5\_1\_H04.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H04\_A027 3', mRNA sequence.:Start:1:Stop:654  
AAAAGAAAAGGCCACTGAGCACTGTCCAGTCGTCCGACCGCTGCTCGCTCCATCCTGGCACCATGAAC  
CGCAGTTTCCAGACCTTTGTCTAGTGGCGCCACACTGGTGTCCCCCGACCTATGAGATGCTCAAGGAGG  
AGCATGAGGTGTCCGTGCTGGGGGACCGCAGAGCTCAGCTCCCGTGACGACCACCGTGATCAACATCCA  
CAGCGAGACGTCTGTGCCCCGACCACATCGTCTGGTCCCTGTTCAACACGCTCTTCATGAAGTGGTGTGC  
CTGGGCTTCGTGGCCTTCGCCCTACTCCGTGAAGTCTAGGGACCGGAAGATGGTGGGCGACGTGACTGGGG  
CCCAGAGCTATGCGTCCACTGCCAAGTGCCTGAACATCTGGGCCCTGGTCTTGGGCCCTCTTTCTGAGCAC  
TGGATTTCATCGTTCTTATGGGATTTACCTGCCTGACACTCTACCAGATAATTGTAAAGGCCATGCAGGAC  
GGCAGAGGCTACTTCTAGCTGCCATGGGACAGCCCGTCCCATCATGCCCTGCTGGCCTCACATGCT  
GGGGCTTTGGCCCTGCCACTTGCCCATACCCCTTTCTACAGCAGTTTTTGCAGACATACCCGTCTACAC  
CTGGACTCAATAAAGTGCACCTGC  
>GBEQ0726 |Acc|CD471208|Ver|CD471208.1 GI:31392476|LeukoS5\_1\_C01.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C01\_A027 3', mRNA sequence.:Start:1:Stop:449  
ATCCAACCTATTGTGCCCTCGTGTGGAGCAGAACCTGTGGTGTGTGTCCCTGGCGAGGACACCATCA  
TGAACGTCCCTGGCTTCTTCCTGGTTCGTGCTGAGAACCCAGAGTACTTTCCTCGTGGTAGCAGTTACTG  
GGACCGTTGTGTAGTAGGGGGCTACCTCTCCCTGCCATTTGCCTTTCCACTCAGTAACCTCCACCTTTGC  
CTGGAGTACTAGCATCTGCTGACTTGTCCATCTGGAAGTTTTTTTGCACCATCTAGGTTAGCAAATCA  
CATAGTTAGCCTAATGCTTAAATAAGGACTCGTCATCTTGAAGACCTAATCAATTCCAAAGTGTATTCT  
GGTTTTTCCTGTTCCCTTTCCTAAACATGAGTTCAGGACAACAGTATTTTCTGTATACGCTTGGTTGT  
GACTTTTTTTCCAAATAAATACTGAAGC  
>GBEQ0727 |Acc|CD471207|Ver|CD471207.1 GI:31392475|LeukoS5\_1\_D03.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_D03\_A027 3', mRNA sequence.:Start:1:Stop:611  
TCTCCAATTTCTGGTATCAGTCTTACACCAAAGGCAAGCGGCTGCCACGTGTACTTCAGCAAAATGGAGT  
TCCAGGTACCGCCAAGGTCAAGGCCAATTGAGAGACATGGCCTAGCTAGGCGCCACCTAAGTGCCCTCAG  
GACTGCACCTTGGGAGCATCCATCAGTGTCTCCACCTACACCTGTGACCAGGGCTTATGTGGTCAG  
GACTGAGCAGGGGACAGGTCTCCCTCCCCACAGCTGGTACACAGGGACCACTGCTTCCGTTCCTCACC  
TACTTCTGGCCAGCCCCAGGGACATGGCCTCATTGCCCTCTGCCACTCCAGAGCTGGGGACTGAAAGGGC  
TGGACACTTACTTCCCCCTCTCTGCCTTAAACTTGGGAGAGGAGCACTCAGGGCTGGCCCCGACCAGGGT  
CTTGTGCGCTTTTTCTCACATAAAGAGGTGAGCAATAATCTGTCACTGTGGACTCAGGCTCTCTCCTT  
CTCCACCCACACTGAAGCAGGAGCTTCTTGGCCAAAGGTGAGGGTGGGTGAGGGGCTGGAAATACAGCC  
TGTGGAGGCTGCTCACTCACTCACTTATTCTTCAATTAAGTACAGAGGA  
>GBEQ0728 |Acc|CD471200|Ver|CD471200.1 GI:31392468|LeukoS5\_1\_C08.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C08\_A027 3', mRNA sequence.:Start:1:Stop:524  
ATGAAGAAGGAAATATGCAATGCCTACACTGAGCTGAATGACCCCATGCGGCAGCGGCAGCTTTTTGAAG  
AACAGGCCAAGGCCAAGGTGCTGGCGATGATGAGGCCATGTTTCATAGATGAAAACCTTCTGCACCGCCCT  
GGAGTACGGGCTGCCCGCCACCGCTGGGCGATGGGCATCGACCGCGTCACCATGTTTCTCACAGAC  
TCCAATAACATCAAGGAAGTACTTCTGTCTCCTGCCATGAAACCCGAAGACAAGAAGGAGAAGGAGAATG  
TAGCAACCACTGACACATTGGAAAGCACAACAGCTGGCACTTCTGTCTAGAAAACAATCATTGCAAGTCA  
TATAACTCAGGCATCTTTCATTTCTGCAAAAGATCAAGGATCTTTTCTACAAAAGATCCCTGCAAGGGA



ATTCTTGTGTGTTTCTATCCATTGACTATCACAGTGCAGGTCAGCAACCAGAGGAGAGAAGAGGAATTAA  
GATTTCCTTTTATTCTTGTACCAAATAAAC  
>GBEQ0729 |Acc|CD471199|Ver|CD471199.1 GI:31392467|LeukoS5\_1\_H10.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_H10\_A027 3', mRNA  
sequence.:Start:1:Stop:506  
GGAGTGAGGGGTTGGCCATCCCCATGCCCTCGGCACAGCCTGCCGGGCCCTCATGGACTGCTTCAGAGC  
CGCCTGGCTCCCAGCGCATCCCTTTATCCTTGGACCCCCATCGGCCCTCCAAAGTTGGCCACCAGATCT  
GCCTGCCCTCCAGCCTCTGGTCCCCAGCTCTTGTCTGAAGGGACTGGAGTGGAAAGGCCACAGGGCAGTG  
ATTTGGAGCAGGGAGTTCTCTGGGGATAGACTGGACCCAGCCTTCCAGGGGTGCTATGCGGAAATCCATC  
CTGCATTGAGGACAGGGCAGGCAGAGACTTGTCTGGAACCTGCAAATGGACTCAGAGCAGACTGCCTTCC  
TGTAAGCCTGGGAAGGGCCACAGCCGCCCTTACTTGGCCACAGATGGGCCGTTGAGAGCTTACCCCT  
CTCCACTCTTCTCCCTTCTCCACCCCTCTCCACCCAGGGGGCTGCTAGCCTTGAGCCCGTTCTCC  
TATGGAATAAACAGCG  
>GBEQ0730 |Acc|CD471196|Ver|CD471196.1 GI:31392464|LeukoS5\_1\_E11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:602  
GGGATGTTTTGTCTGCTATATTTTGCCTCTAGTCTATGCATACTGTGATTTTTTTCATGCGGACTCTTCA  
AATGCAAAATTTGCAACAAATGTTTATATAGGCATGCCTATCAAATGAATTTTCGCTATCTTCCTTAACT  
TTGATGTGTGTAAGTGTCTGTATACGTTTTTCTTTAATGTGAATTATACAAAACACCTTACTAGTTGCTT  
TACACTATCTGTTCTTATCTTAGGGCTTTTGTGTATAAATATCTTGTCCCTAAAATAATTTCTCAGGA  
ATGCAGACCTTAATTTTTATATCTTCTTAAAGAGGTAAATAGGAGAAATAGGCACCTAAATATTTAGTGA  
ATGATATAAGTAGGAATAGCAAAATACTAGCTTTTAAATATATATTGAAGTATGTATTTTAAAGGAACAA  
AACCAAAACCAAAGCTTTAGTAAATTTTGATTTATAGACATTTTAAAGAAAATAATAGAATTCTGAATTT  
AAAAAAATTTGACTAATGAGTCTGTTTTCATTTTCAGATATATATGCAATGCAATTATATTTTCTTTGATG  
TGACTTAGGCTATGTCTGTATACAGTAATCAAATAAACTCCT  
>GBEQ0731 |Acc|CD471184|Ver|CD471184.1 GI:31392452|LeukoS5\_1\_E03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E03\_A027 3', mRNA  
sequence.:Start:1:Stop:648  
GGATTGACAAAGCTGTGGCTTTTTCAGAATCCACAGGCTCATGTCTATTGAAAATTTGCATGCTGCAGCTTA  
CCGAAATGCCTTGGCTAATTCCTTATATTGTCTGATTATAGGATTGGAAAAGTGACACCAGATGAGTTA  
CATCATACGTTTACAGAACCATTTTACAAGTGCAAGAATGGCTTTGGTTGGACTTGGTGTGAGTCATCCTG  
TTCTAAAGCAAGTTGCTGAACAGTTTCTCAACATGAGGGGTGGGCTTGGTTTATCTGGTGCAAAGGCCAG  
ATACCTGGAGGTGAAATTCGAGAACAGAATGGAGACAGTCTCGTCCATGCTGCTCTTGTAGCAGAAAGT  
GCTGCCATAGGAAGTGCAGAAGCAATGCATTTAGTGTCTCCAGCATGCTCCTCGGTGCTGGACCACATG  
TCAAGAGGGGAGCAATGCCACCAACTCTCTATACCAGGCTGTTGCCAAGGGAACATAACCAGCCATTTGA  
TGTTTCTGCTTTTAAATGCAAGTTACTCGGATTCTGGACTCTTTGGGTTTACACGATCTCTCAGTCTGCA  
GCTGCTGGAGATGTTATCAAGGCTGCCTATAACCAAGTAAAAAGATTGCTCAAGGAAACCTTTCCAGTG  
CAGATGTCCAGGCTGCCA  
>GBEQ0732 |Acc|CD471174|Ver|CD471174.1 GI:31392442|LeukoS5\_1\_F04.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:656  
TCAGCGTGTGCCCCAGTTACCCCGCCCCGTGATCGTGCCTCGCGCGGTGGATGACGATGCCCTAGCGCG  
CAGCGCCCGCTTCCGCCAGGGAGGCCGCTTCCCTGTGCTCAGCTACCACCACGCTCCCAGCGGAACCGTG  
CTGCTACGTTCCAGCCAGCCCCGTACCGGGCCCCAGAAGCGCGCTGCGCTGAGGACGAGGAGCTGCTGC  
GAGCTGTGCTGGCGGGGGCTCGCCCTAGGGCCCCGGGCTTCATTGTGGACACGCGTTCCGGCCAGGCCGC  
CAAGCAGGCCCGCATGACTGGCGGGCCGCCAGGAGCCAGGCCGCTTACCCTGGCTGGAAACGGCTGCAC  
CGGCCATGGAAAGGGGGCGGCCCTCCAAGAGAGCTTTGTGCGCCTGGTGGAGGCTGTGGGGACCTGG  
AGCAGAGCATGGACCGCTGGCTTAGTCGACTAGAGGGCACCCACCTTTCTCCTCTTCTGGACTGCGTGT  
GGCAGTTGGGTGCGCAGTTCCGCTGTGCTGGAGTTTGGGGAGGGGCTGCTGTTGGCGCTGTTGAACA  
CGCCTGTGCTGCAACCCAGCCTAGCCATAATACTGAAGTTCCAGGTGGGAAGTATTCAAAGTGAAGGG  
AGAAGGTCCAAATAATAAAGCATCC  
>GBEQ0733 |Acc|CD471171|Ver|CD471171.1 GI:31392439|LeukoS5\_1\_B10.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B10\_A027 3', mRNA  
sequence.:Start:1:Stop:523  
CACATTCACGTAATCGCCATCACTTGTGTGTTTGGTCTTGTATGTATTAATAGATCGGACCGCGGAG  
GAAATAAAGCAAGGCAATGACAATGGTGTCTTGGAGTGGCGGTTCTGGACAAAACCTGGTTGTGGTGGCCA  
TTGGCTTCACAGGAGGCTCTGCTTTCATGTATGTACAGTGTAAGTCTACGTTTGTGGCGCAGGCT

GAAGGCCTACAACCGTGTGATCTTTGTGCAAAATTGCCAGACACCGCCAAAAAACTGGAGAAGAACCTT  
CTCGTGTAATGTAAACACAGACATCAAGGACGCCGTGGTAGTGCCTGTGTACAGACGGGTACAAATTCG  
CTGCCATCTGCAGAGGGTGGCCCCCTGAAGTTATACCAGTGTGATGGAACAGTTGGGACGTTCTTCAC  
TGAAGCGTATCTTTCTAGCTCTCAGTCACTACAAATGACAGAAGTGATCCTGAATTATTCATCTATCTT  
CTCCTCTTTCTCCTGCTGACTCGATTTCCTTAC

>GBEQ0734 |Acc|CD471081|Ver|CD471081.1 GI:31392349|LeukoS5\_4\_A12.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_A12\_A027 3', mRNA  
sequence.:Start:1:Stop:617

TTTCACTTACTAACTTTTGTATCTTCTTTGTTTTGACACTCCCTTTGCTTTTCTCTTGTCTGTCAGA  
AAGTTTTCAAATCATTTAATTCAAATACTGAAATACTTAATAAGCAACTACTTGATTTTTAAAGATGACT  
TCAGAGGAGTGGTCATCACTAGGTGCTTTGTCTTTTTGTATTCTAGTTGCACCCATCTCTGGATTGGA  
TGTAGCAATAACATTTTTTGGCTGTTGAGAGCTCTTGAATTCAGTCATTATCCCTGAAAACATAAAGAGT  
ATGTCGAAGCTTTTCACTTCTCCAAATTACCCCAAAACATAAAATTCTGACTTGGTTTTATGCCCTCC  
AGTTGCCTAATGTTAAGGTTGGATGAGTAAAGCATGCACAGCTACAGGCTTTCTTTCCACTTAACTTTTG  
GATTTGCTATTAAAAATACTGTTTACATTCATATCCTTCTCCTTAGCCCTTCATATTTCTTGCCTCTAT  
TCTTCTACACTGCAGATTTTTCCACCCTATTGTACAAAGAAATTCGCGATGTATATTTTCATGTAATTTGA  
TTTTGGAATTTCTGTCACCTTATGTAGTGAGTTCTTCCAAAAATATAATTTTTTCCAA

>GBEQ0735 |Acc|CD471078|Ver|CD471078.1 GI:31392346|LeukoS5\_4\_C09.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_C09\_A027 3', mRNA  
sequence.:Start:1:Stop:596

TCCAACCCAGGAAGGAAAATTCCTTTTTCCAACCTGTGTCAATTTTAATTCCTTTTTTCTGAAAGCAGT  
TTAGTCCCTGTTTTGCACTGACATACTTCCTTTGTGTGTTAAGGTAAGGTGTCCACCCFCAATTCAGCCC  
AAGTTGCGTTATATTAGGGTGGAAATGTGATGTTTCAAGCAGCAAACTTGACGGAACCTGGCCTCTCTTTGTT  
ACTTTCAAAGGCCACATGGCACAGTTAAATAATTCCGACACCAAAAAAAGTTCTTGAGTATGTTAAAT  
ATGTCGAAGCTTTTCAAGCTTGTACAAATGACTGCTTTGTTTTTCTAAGTCATCAGAATGTATGTAAT  
ATACTAGATTGGATAACAGTCTTGCATGTCTATCATGGTAAATTTACTATGCCATCCTGCCCCACCCTT  
CCTCTCCACCTTCAAAAAAGGCCATTTTAGAATGCATTGCACACCCTCTTGGGAAACTGATCTTTAAAT  
TTTAAGACAGTATAAGGAAAAGCTGGTTGGTGCCTCATGAATGAGTTGACACCATTTTTTATTCTGTATA  
TTTAGAATGAAGTCATGAAAAAACTTTATAAAGACA

>GBEQ0736 |Acc|CD471071|Ver|CD471071.1 GI:31392339|LeukoS5\_4\_F07.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F07\_A027 3', mRNA  
sequence.:Start:1:Stop:711

ATGAAGAGGTTGATGAAATGATCAGGGAAGCAGATATTGATGGTGATGGTCAAGTAACTATGAAGAGTT  
TGTAACAATGATGACAGCAAAAGTGAAGACGTTGTACAGAATGTGTTAAATTTCTTGATAAAATTTGTTTA  
TTTGTTTTTTCTTTGTTTGTAACTTATCTGTAAAGGTTTCCCTTACTGTCAAAAAATATGCATGTAT  
AGTAATTAGGACTTCATTCCTCCATGTTTTCTTCCCTTATCTTACTGTCTATTGTCCTGAAACCTTATTTT  
AGAAAATTGATCAAGTAACATGTTGCATGTGGCTTACTCTGGATATATCTAAGCCCTTCTGCACATCTAA  
ATTTAGATGGAGTTGGTCAAATGAGGGAACATCTGGGTTATGCCCTTTTTTTTTTTGAAGTAGTTTTATTTA  
GGAACGTGTCAGCATGTTGTTGTTGAAGTGTGGAGTTGTAACCTGCGTGGACTATGAACAGTCAACAATA  
TGTACTTAAAGTTGCACTATTGCAAAACGGGTGTATTATCCAGGTACTCGTACACTATTTTTTTGTACT  
GCTGGTCTGTACCAGAAACGTTTTCTTTTATTGTTACTTGCTTTTTAAACTTTGTTTAGCCACTTAAAG  
AAAATCTGCTTATGGCACAATTTGCCTCAATCCATTCCAAGTTGTATATTTTTTTCCAATAAAAAAATT  
ACAATTTACCC

>GBEQ0737 |Acc|CD471066|Ver|CD471066.1 GI:31392334|LeukoS5\_4\_E11.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:549

CTGCTGGCCCTGGTGCCCATCATATTGCTCGGACACGGGTGCCAGCCAAAAAGCTGGAGTGAAGCAGG  
CCCTGGCACCCACCAGACACCCGCGTGAGCCCCCGGATCCAGGCCGCCCCCTGGCCCCACCCCACTCCAC  
GCCGACGTAGTGTGATGCTGTTTGGATTCTGACCCACCCCGCTCTGCAAGGGGTGGACTTGACCG  
GCGTAGCTAGGTGTCAGGTTTGGTGTCCCTCAGTTAGCATCGTCCCGAGCCCTTCTCTTGCCAGCAGGCA  
GCTCTGTCTTGTAGCATGACAGGCATTCTCGCCTCCTTTTCTTGGGACCGAGTGTGCGCGGTCCACACA  
TCTCACTTCACTGATGCTGTCAGACAACGAGGTGGTGTGCTCGGAGACCTGCGCCTATCACTGCTGCCT  
CTCATTTCTGGAGTGAGCGCTGGGCTCTGCCACAGCCACACCGCACCTTAAAGGGCCACCGTCACAGT  
CGCCTTGGAACAGGACCGCAGCAACAGGACAGGACTCTCCTACCTACGAGGGAGTT

>GBEQ0738 |Acc|CD471065|Ver|CD471065.1 GI:31392333|LeukoS5\_4\_D02.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D02\_A027 3', mRNA  
sequence.:Start:1:Stop:354



CACAGCTGGGTCTTCTCCCGTTCTCAGCACAGTTGTTGCTCTTCGGTCATACCAAGATCTGGATCAAAA  
ACGTGTTTTTAAATATCCATGACTTCTCCCTGTATCGCAGCCAGCCCCGACAATGCTTGTTAGTACCTGT  
CGCCCCGATCTCCCAAGTGTCTCATCCAGCCAAGTTTGCAGCCATGTTTAAACAAGACTGTAACGCAGGG  
AAGGTGCGTGAGCACTGCAATGGGAGAGTCAGGAATCGCCAGGCCTACAGTCTCACAGTACCCCCCCCC  
CCCTTTAACATTCCACGTAGCTCTAGTGTCCATCTGTTTGTCCATCTGCTGAAATGAGAAAAGAAACGTT  
CATG

>GBEQ0739 |Acc|CD471059|Ver|CD471059.1 GI:31392327|LeukoS5\_4\_D09.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D09\_A027 3', mRNA  
sequence.:Start:1:Stop:459

CTACGCCGGCGCCTTCCCTTCCGTCCCGACGCTGCCGAGGTTGCACGCGCGAGGCCTCTCCGTGCGCGC  
TGCCGAGATGCGCTACGTGCGCTCCTACCTGCTGGCCGCCCTCGGGGGCAATACCTCCCCCAGCGCCAAG  
GACATCAAGAAGATCTTGGACAGCGTGGGCATTGAGGCGGACGACGATCGGCTCAACAAGGTCATCAGTG  
AGCTGAACGGGAAGAACATTGAAGACGTTATTGCCCAGGGTATTGGCAAGCTGGCCAGCGTGCCCCGCCG  
TGGGGCTGTAGCTGTCTCTGCTGCCCCGGGATCTGCAGCTCCTGCTGCTGGTTCTGCCCCAGCCGCGAGCG  
GAAGAAAAGAAAGAGGAGAAGAAGGAGGAGTCCGAGGAGTCGGATGACGACATAGGATTGGCTTGTGTTG  
ATTAGAATCCTACTCCCTGCAAATAAAACCCCTTTTTAA

>GBEQ0740 |Acc|CD471055|Ver|CD471055.1 GI:31392323|LeukoS5\_4\_E03.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E03\_A027 3', mRNA  
sequence.:Start:1:Stop:528

CCAGGAGATCAAAGGAAGGAGAGTCTTTTCAGGAAGCCATTATGAGTCATGGAACAAAGCTGATGAAAC  
CCACAGAAACAGCAAGAGACCACTAATCTCCTTGTGTTATCCATCATTATGCAGGCATACCTCATTGTAT  
TGCACTTCACCTTGTATAGCTTACAATAACCCCTAAGATTTTCGATTTTGAGGAATCAAAAACAGAGTCAAGG  
ATGAAAATCTTTTCTCTCATTGGCCACATTGCAGATTCTGATTTGACAGGTTTTCAAATAGACCATTTTC  
TATCCGGCAAATTCCTTCAGAGAGCCTGGACTGTTTATACATTTGTTTAGATTTATCAATCTTGTCTCCT  
TTTGGCACTGGGATGTTTAAAAAAATTCAAAGATGCCAAAATAAAATGAATTTAACTGAAATATTGGAAT  
TTTTAAATCTAACAGCAAAATGTTTCTCTGATTCTTTTGGCTTTCGTATTTTTATAGCTTTTCATTGATGT  
GAAGAATAATTATAGTTATTAATTACAATAAAAGTACA

>GBEQ0741 |Acc|CD471051|Ver|CD471051.1 GI:31392319|LeukoS5\_4\_B11.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_B11\_A027 3', mRNA  
sequence.:Start:1:Stop:539

AAGCATTGTGTGGCTTCCAAAAGCCAATATCCACTCTTGACAACCGAACCATAGTCATCACCTCTCATCC  
AGGTGAGATTGTCAAGCATGGAGATATCAAGTGTGTGCTAAATGAGGGCATGCCAATTTATCGCAGACCG  
TATGAAAAGGTCGCTAATCATCGAATTTAAGGTAACTTTCCTGAGAATGGCTTCTCTCTCTCTGATA  
AACTCTCCTTGGCTTCTGCAAAAACCTTACCTGAGAGGAAGGAAGTAGAAGAGACTGATGAAATGGACCAAGT  
AGAAGTGGTGGACTTTGATCCGAATCAGGAAAGACGGCGCCATTACAATGGAGAAGCGTATGAGGATGAC  
GAGCATCATCCAGGGGTGGTGTTCAGTGTGACACCTCTTAATGGGGCCAGTGACCAACACTCACTGCTG  
GCATTTTTTATGCGGTAGTGAATGAGTGAAGGACTGTAATCAGAATATGCTCACTACTTGTCTATTGTTTT  
TGTTTTAATATTCAACTATAGTAGTGTTTTAAAGTTAAATGAAGAATA

>GBEQ0742 |Acc|CD471047|Ver|CD471047.1 GI:31392315|LeukoS5\_4\_D08.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D08\_A027 3', mRNA  
sequence.:Start:1:Stop:600

CCAGAGATGTCCCCCAGGGTGGTTAAAGGTGGCAAGATGACTTACAGTGAATCAAGATCGGTGGTTGG  
GTCTGTGTGGTGGTGTGATGGTGTGTGTCACATGTGCGCCTAAATGTGTTTCTGGGCCTGCATGGATGT  
GTGTGCACTCATAGGTGTGTATCACTTCTCAAAAAGAAGTTAGACTGAGGAGGAATGGGGAGGGGACAAT  
GCCTGTGTCCCTGAGACTTTTCAAGGCTGAGAGGAAAGCAAGTTTACAGCTCCTTAGTAATCTGAAGTGC  
TTAGCACTGGCTTCTCCATCAGTCCCAACATTGTGCCCTAAACCTCATTTCATGTTTCAGGCCTCATA  
TCTTCGAAACCACCTTTTGTCTCTGACCCCTTCTCCCTTACCTAGTCTCTCTGTCCCTACCTCTCTC  
AATTAGCTAGGGATGGGGGTCAACCCAGGAAGAGGGGACTGCCCTCCCAAGAGCAGGACCAGCTGGGCAGG  
GGAAGGAAAAGAGAAAGGTTAGAATAAGACACCCCTGCCCCCTGCTTCCGCTCCCCACCTCCTAAAATGGT  
TCCACCCCAAGACTAATTTATTTTATTAAGATTGATT

>GBEQ0743 |Acc|CD471046|Ver|CD471046.1 GI:31392314|LeukoS5\_4\_H01.b1 A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:622

CCCAGCACCCCTGCGGATGACGACGTGAGCAGTGGGTCTCCAGCGAAAGAAGCACTTCAGGAGGCTACA  
GCATCTTCCACACCCACCTTCCAACCACTCGCCCCACCAAGACCAGAGCAGTCCCTGGGTGTCTAACA  
GCCAGAGAAGACTCCCACTACCAGTACGGATTCAAATGTCATCTCAGCAGGCTGGGAGCCAAGTGAAGA  
AAACGAAGATGAAAGAGACAAACACCCAGTTATTCTGGATCAGGCATTGATGATGATGAAGATTTTGTCT

TCCAGCACCAGTAAGAATAATCAATTACAGTAGAATCGTTTGCACGAGGCTTACTAATTAATCTGAGTGA  
TGCCCAATAGTATCTATCTTGGGAAATAGTTAATAGGAAAAATGAGCATGAGCCCATGATCATACCTTAG  
TTCTACCTCAATAAGACTATGAAGGGATAGGGGCCAGCCAGTGGTGTAGTGGTTAAGTTTGTGCACTCC  
ACTTTGGTAGCCAGGGTTCGCCGTTTGGGATCCTGGGCATGAACCTACACACTGCTTATCAAGCCATAC  
TGTGGCAGGTATTCCACATATAAAGCAGAGGAAGATGGGCACAGATGTTAGCTCAGGGCCAA  
>GBEQ0744 |Acc|CD471044|Ver|CD471044.1 GI:31392312|LeukoS5\_4\_G06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_G06\_A027 3', mRNA  
sequence.:Start:1:Stop:654  
TAACTCATAAGTTAAAAAAGGTTAAATTTTACTTCATTTGTAGAGATAAATGTTTCGACATAAACTAA  
CTAGAGATAAGTCTGAGTATTTAAATTTTGCTAACTAGCTATAACCATCTCTAATTAGTCAATTTTAAAG  
GCAAATGTGTGTTGGTAGTCTGCCATGCTCTTAGGCTTCTAGGACAAATTATAGATCCAGAGTTTCAAAC  
CAAGTTGGGTTGGATTTTATTAGTTAGTACTTTCTAAGACAGAATGACATTATGCTTATTCTGTAAACAT  
TCTAATTAAGGCTTTATGTGACTAAAATGAACTAAAAAGCTAGACTGCTTTAATTTTGTAGCTGCTCCTC  
CATCACCATTAGCATTTTGCATTTCTTAATTAAGATCATAGTTTAACTACTGCTTTAATTTGCAGGATGAG  
TCTGAATGTACTTCAGATGAGGAAATCTTTATCTCACAAGATGAAATACAGTCATTTATGGCTAATAACC  
AGTCTTTCTACAGCAATAGAGAACAGTACCGACAGCATCTGAAGGAGAAATTTAATAAATACTGCCGCTT  
AAATGATCACAAGAGGCCATTTGTAGTGGCTGGTTGACAACGGCTGGAGCAAATTAATAAATAAATAA  
GCTCTGCTTTTCAATGAAACACTC  
>GBEQ0745 |Acc|CD471028|Ver|CD471028.1 GI:31392296|LeukoS5\_4\_E08.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E08\_A027 3', mRNA  
sequence.:Start:1:Stop:684  
TAGTTCCAGTGGCCAGATTGCTTTGGATCAGAACCACATTTAGCTTGGGGAAGGTAGGTCAGCAGGCACA  
TAAAGCGAGTGACGTCCATTCCGTTTTCTCCTCGTACACCTCGCTGTGGAGACAGTGCTCTTAAGATCAA  
AGTTACAGTGCAGATCAACGTCATCAAGACGCCCTTGATGCACCTTTTTACCCACGTGATCTGTGCTGTGA  
ATTAACATTTCTACCCGTGAAATTTTCACTAATTAAGAACTAATCTTGAGCACGTTGTTTAGTCTTATTC  
TCTGACTTCTTGGGCATTGTATGGCAAAGTATTATGAACCCCTTCTCGGTATTTTCTAGCAGCCTGCACGT  
TCTGACTTTCTACTGTTGATTTCAGAAAAGCAGCTTTGTCTCGGACTTCAGCGAGCTTTGTATTAATACGG  
TAGGTAGTGTGGGTGTGAAATCACACTGCTGCTGGAATCGAGGTTGCTGAGCTGGAAGTGGGCGAGGAC  
GCGTTAGATAGGAGCCTTCAGCCCTGTACACAGTCTAGAGCCCAAGCCGGGGCGTTCCGAGGGCCATCT  
CAGGCCAGTTGCTTTTTTCTGAAATAGTACTAAGAACAGCCAAAAATTTGTAGCCTCAAGGAAACCATGAA  
GTTTCGAGTGCCTTACTTTTTTAACCAGTTTCCAAATAAATGGTTTAAATACTTGCT  
>GBEQ0746 |Acc|CD471027|Ver|CD471027.1 GI:31392295|LeukoS5\_4\_A07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_A07\_A027 3', mRNA  
sequence.:Start:1:Stop:453  
CTTAAGTGCTAAACATAGTGGAGTTTGTGACCAGAGAATTGGCATTTTCCACAAATGTTAACAAAGCAAT  
TCCCATGGCCCTTTTTACATATTTTTTCTTTAATAAGGAATAATGTGCATGTGGAAGACCTACTTAAA  
GCCTTCATTTATATTTTTTAAATTAATTTTATTTAATAACTTATATATGTTATTGGAATGGTATACA  
TTTTTGCAGCCCTTTGCATTTTGTGGTAATTTGAATTGTATCACTTCTACCAGCAAACGTTTTTGTGTT  
TTGTTTTTTTTTATTAGCAGATACCCGAAGTACTATTTTTTGCAGGGTTTGCACAGGCCCTAACTGTTT  
ACTACTTTGGTATAGTCTGTATACATCCTGTATGCTGAGCTGGTAAATACCATTGTAAATTACATATTA  
AATATTTTATTTGCTTTTACAGGCCCAAGGTGC  
>GBEQ0747 |Acc|CD471017|Ver|CD471017.1 GI:31392285|LeukoS5\_4\_E07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E07\_A027 3', mRNA  
sequence.:Start:1:Stop:647  
AGAGATTTGTGTCAGGAATGCTCCAGAGGAAATATTCTAGAGTGAAGCCCATAGTGACACCACGTTTTTC  
CCTTTCTGCTCTGAGACTCTGATGGGTGAACCTCGGAAACATCGCGAAGACCCATGATTACACATTCAG  
AGCCATATAAGTGAATACTCTGATGAAGTTAAAGCAGTGAATACTTATACCCAGTTATATAAACTACA  
CTGATGTGTATGATAAAAAACAATCTTCTGACAAGTGCTGAGCGTCCAAAAGCTGCCAATACCAAAAGGAA  
GGGTCTCATTTGCAAGTACCTATTTCTCCCGAGAACTACGCCATAGTTGCTGGAAATTTCTACTCTCAGATA  
TCAATCTCTTAGAATTTGAAATGAAGGACAAATCCTCTTAAAGAAATGTTAAAAATCTTTAAACCTGG  
GGCCGGCCCCGTGGCGAGTGGTTAAGTTTGGCTCGCTCCACTTCTCGGCCAGGGTTTTGCTGGTTTCAGA  
TCCTGGGTGCGGACATGGCACCGCTCATCAGGCCATGCTGGGGTGGCATCCCACATGCCACAACCTAGAAG  
GACCACATCTAAACTACACAACATATGTACGGGGGACTTTGGGGAGAAAAAGGAAAAATAAAAAAGAAT  
CTTTATGAATAGAACT  
>GBEQ0748 |Acc|CD470927|Ver|CD470927.1 GI:31392195|LeukoS5\_3\_E09.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E09\_A027 3', mRNA  
sequence.:Start:1:Stop:589

CTGGAGAACGGGAAGGAGACGCTGCAGCGCTGGACCCCTCCGAAGACACATGTGACCCACCACCCAGCT  
CTGACCATGAGGTACCTTGAGGTGCTGGGCCCTGGGCTTCTACCTGCGGAGATCACCTGACCTGGCA  
GCGTGACGGGGAGGACCTGACCCAGGACACGGAGTTTGTGGCGACCCAGGCTGCAGAGACCAAGTGATGC  
AAGATTTGTTACGCTCCACTTTGTGACTTCAAATCCCCTGACTTCTCTTTCTGCAGCTGGCATCTGAA  
TTTGTCTGTGTTCTATTAGCATAAATGAGAGGAGCTGGGGAAATTGACCCACCCCTGCCTTCCACGACCC  
CCTCCCCACACTGACCTTTGTGCTTTCCCTGATGAAATGTCTGTGTCAGCAGAGGTGGGGCTGGGCCAG  
CTCCCTCCCTGTCTTAACCTTCCAGTTCGACTCACTACTGATCATTTGCTTCCCTTACTGAAAATATGAATC  
CAGATATGAGTTTTTTCTAATCTTGTGTAAGGGATGTGTTAATTAAGAAGAAGATTCCTAAAGTTT  
GAGAGTGGAATAAATGGAAGCACTGAGA  
>GBEQ0749 |Acc|CD470915|Ver|CD470915.1 GI:31392183|LeukoS5\_3\_G04.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_G04\_A027 3', mRNA  
sequence.:Start:1:Stop:615  
CAGCCAGGAGACATGAAGTGCATCACCCAGAAGATCAACTACACAGACCCCTTCTCCAATCAGACCGTGA  
AGTCCGCCCTGGTTCGTGCAGGGGCCCCGTGAAGTGAAGAAGCGGGAGCTGGTCTTCCCTCCAGTTCCGCCCT  
GAACAAGAGTAGCGAGGACTTCAGCGCCATCGATTACCTCCTCTTCTCTTTTCCAGGAGTTCCTGCAA  
AGCCCAGACAGGGTGGGCTTCATGCAGGCTGTGAGAGCGCCTATTCCAGCTGGAAGTTCTCTGGGGGCT  
TCCGCACGTGGGTCAAGATGTCCCTGGTGAAGACCAAGGAGGAGGACGGGCGGGAAGCAGTGGAGTTCCG  
GCAGGAGACGAGCGTGGTTAACTACAATGACCAGAGGCCAGCTGCCGAAAAAAGTGCTCAGTTGTTTTTT  
TGCTCTTCGAGTGGAAGACCCCTTCATCCAGAAAGTCCAAGATATAATCACTGCCAATCCTTGGAATA  
TTTGTGACGCAGGTCTAAGAGGTGAGAGTGATTAACACACAAAAGGACTGGGACATATGTACATAGTAG  
GTGCCTACTCAGTGATTTTTGATGATTCCATTAGCTAGTAAATAAAAGTTAGGTT  
>GBEQ0750 |Acc|CD470904|Ver|CD470904.1 GI:31392172|LeukoS5\_3\_F01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F01\_A027 3', mRNA  
sequence.:Start:1:Stop:641  
ACTGACTGTTTTAAATGGAACCTCTATTAAATTCCTTAAATGGAATTTAGTGCTCTCATAGCTTAGATA  
TTTTTCTGAAAAGTACTTGCTAGAGCTGAAACTCCTTGGACATTTTCCATGGTCTCACTAATTACGCCGA  
ACTGCCGTCTGGATCTTATGGGGAAGGACACTTTGACCTTTTTTTTCCATCTCTCCTTTTTATATATTTT  
GCATTGCATGTCTAACATGCATGCCTATATACTTTATATATTGAGGGTAGCCCATTTATAAATTAAGAGT  
ACATTTACATGGTCTCGCTAACGGCACTGAACCTTCTGTCTGGATCTTATAGGGAAGAACATTTCTTTTTT  
TTCTTTTCATCTCTCCTTTTTATATTTCTTACTTTGTATGTATGACATACATGCCTATATATTTTCTATA  
CTGAGGGTAGCCCATTTATAAATTAAGAGCACATTGTATTTCAGCAAGTTATAATGGGGCTGGTCTTAAGT  
GGACCACTATATGTATAAATATTTTGGAGAAAACACTGTATACATTTTTTGGGCAACGGTTATGCATATTA  
TTTACAAGGAGAACTTTTTCTTAAAGAGCCAACATTTAAATTTAAGTAAATGTTCTATGTCAATAAAA  
GAAAATGTACT  
>GBEQ0751 |Acc|CD470903|Ver|CD470903.1 GI:31392171|LeukoS5\_3\_D11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D11\_A027 3', mRNA  
sequence.:Start:1:Stop:512  
GGTACAGTCAGTTCGCTTACGACGGCGCCGATTACCTCGCCCTGAACGAGGACCTGCGCTCCTGGACCGC  
GGCGGACACGGCGCTCAGATCACCCGGCGCAAGTGGGAGGTGCCCGGAGTGGCGGAGGGCTTCAGGAAC  
TACCTGGAGGGCGGCTGCGTGGAGTGGCTCCGCAGATACCTGGAGAACGGGAAGGAGACGCTGCAGCGCG  
TGGACCTCCGAAGACACATGTGACCCACCACCCCATCTCTGACCATGAGGTACCCCTGAGGTGCTGGGC  
CCTGGGCTTCTACCTGCGGAGATCACCTGACCTGGCAGAGGTGGGGCTGGGCCAGCTCCCTCCCTGTC  
TTAACTTCTGTTGCTCACTAGTGATCATTTGCTTCTTACTGAAAATATGAATCCAGATATGAGTTT  
TTTTCTAATCTTGTGTAAGGGATGTGTTAATTAAGAAGAAGATTCCTAAAGTTTGGAGTGGAAATA  
AATGGAAGCACTGAGACCTTC  
>GBEQ0752 |Acc|CD470900|Ver|CD470900.1 GI:31392168|LeukoS5\_3\_E06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E06\_A027 3', mRNA  
sequence.:Start:1:Stop:595  
TTTTATGACAGAAGTTTCCTTAAAAATATTTGTCTTCCGCTTGGAGTCTTTTCATCACAGTTTGAAATC  
CTGGACGCCGTTGTGCTGGTGGTTTCCCTTCGTCGACATAGTCCCTCATCTTCCGGGAGCACGAGTTTG  
AGGCTCTTGGCTGCTGCTCCGGCTGTGGCAGGTGGCCCGGATCATCAACGGGATCATTATCTC  
GGTTAAGACACGTTCAAGACGGCAGCTGTTAAGGCTGAAACAGATGAATATACAATTGGCCGCCAAGGTC  
CAACACCTGGAGTTCACTGCTCTGAGAAGGAACAAGAAATTGAAAGACTGAACAAGCTCCTGCAACAGC  
ACGGACTTCTTGGTGGGTGATCTAGACGGGGACGGGCTGTGCCTGTGATGAGAAGGACACCAGCCGCT  
CCTGGGCTGCCTCGGGGAGAGGCTTGTTCGACGCTTTGCCTCACTCCCGCCCGGCTTGGATTCCGGGGG  
TCCGGTTTTTCTGGAAATGCTCTGTTCCCTTCCCTTGGTACGACCTTGAGCTCCCGCTCCCATTCCTGCCCCA  
CACCGTGCCCGAAATGTACCAAACCTTCTTTCCTCA

>GBEQ0753 |Acc|CD470896|Ver|CD470896.1 GI:31392164|LeukoS5\_3\_H11.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_H11\_A027 3', mRNA sequence.:Start:1:Stop:503  
TTTCTGTCTGTAAAAATGAGGCTAACGATGACAATATCTACTGCTAATATTTGCACTAATATTTGCTTAA  
GGTTGTTGGGAGGTTTCGATGAGAAGATGAAATGACCATCCTTTGCTACCATGAAGTGGCACACTAGTTA  
TTCATAGAATACTAAAAGTAGTACCGACTCTTACAGGACAAAGCCCACAAGCGCTATCTGCTGATGAGCA  
TCGACACAGAGGAACAAGATGCTCAAAAAACCTCCGTAAGACCAACTATGTTGTCTTTGAGAAGGCGTGCA  
AGGAGCTGGGAATTGAGTACACCATTTCCCTTTTACAAGCGAAAAGCCCACCGCCGCTGGGTGACTAA  
GAAGGCTCTGTGCATTGCGGTTTTCCAGGAGGCTCAAAAGCTGAGGAAGCAACGGAGGGCCTTAAAGCT  
GCTGCAGCAGCCCGGAAACAAAGCCAGAGGAACCCAGAGAGCCCTTCCAAAGCCGGACCAGAGGCACTCA  
AAGAAAACCAATA

>GBEQ0754 |Acc|CD470895|Ver|CD470895.1 GI:31392163|LeukoS5\_3\_G02.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_G02\_A027 3', mRNA sequence.:Start:1:Stop:569  
AAATACATTACCTCACCTTCTCCCCCTCTGCTGATGATATTTATGACTGCAAGGTGGAGCACTGGGGCCT  
GGATGAGCCACTTCTGAAACACTGGGAACCTGAGATTCCAACCCCTATGTGAGAGCTGACAGAGACTGTG  
GTCTGTGCCCTGGGGTTGGCTGTGGGCCCTCGTGGGAATTGTGGTGGGCACTGTCTTCATTATCCAAGGCC  
TGCATTAGGTGATGCCCTCCAGACACCAAGGGCCCTTGTGAGTCATATCCTAGAAGGGAAGGTGCATTGC  
CCATCTGTGACAGCAGAAGAGTGGACATGCTAGATGACCTAGCACTGCTTTCTGGCTAAGTTCATCATAT  
TCCTTCTCTCCTCGTATGTTCTCTCTCACTTCTCTCTGGGACTTAAGGTGCTGTATCCTCTCAGTGC  
TCGCATATGCTTTGAACTTCCCCTGACCTCCTAAATGTTTGTCTTTCTCAACTGTTACCTATTATGGGA  
ACCCTGGAGTATCCCACCCAGCTACCTAATCCCTCAGTGACCCTGAACCTAATATGTCCATGGAAGCAATA  
AATCCCCCT

>GBEQ0755 |Acc|CD470894|Ver|CD470894.1 GI:31392162|LeukoS5\_3\_D10.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D10\_A027 3', mRNA sequence.:Start:1:Stop:615  
TGGAGGAGGCGCTGGAGCAGGGCCTGTGCTGTGGGCGGGTGGAGGAGCCTCTACACGGTCCAGGGCACGC  
CATCCTTGACTGCATGGTGCTCACCTCCGGAGTGCTGGAAAAGGACCTCGCCGGCCCCATCTCCTACCTG  
CTGGGAGCACTGGCTGTGCTGAATGAAACCCAGCACGTGCTTCTGGCCGAGCTGCTGGAGACGGGGACCC  
TGTTGGAGCAGTTTGAAGTGGTGAGGAGCCTTTTGGAGCAGAGCTCCCCATGGCAGAGTTGCAGGGCTGT  
GTTCTTGCCACCCAAGCTCCTGGGGAGCAGTTGGGGCCCCAGAGGCGCCTGCCTGGGTCTGCTGGAGGAG  
TGGCGCCTAGGCCTGCAGGTGGGCGCCCCCAGGTGTCTGGGAGCCGACGGCCAGGGCTGCACGTGTG  
CACTTTACGCCTGCCTGGCGGTGCTGTTGAGGCTGAGCGAGCCCTGCTAGCCTGCACACCTGGGCAGCTC  
TCTAGGCAGAGCAGAGCTCATGCCCACCCAGCTGCCAGCCCTGGGAAGGCGAGAGCTCAGTGCAGCCATG  
TGGCCAGGTCAACCATGGGTTGGAAGTTGGGGAAGTCAATAAATGTGAGTACTA

>GBEQ0756 |Acc|CD470892|Ver|CD470892.1 GI:31392160|LeukoS5\_3\_C01.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_C01\_A027 3', mRNA sequence.:Start:1:Stop:405  
GTGTCCTGACACGTCCACCGAGGCGTGCCAGGCGCTGTTACTCCGGGTTGGATGTGGGGCTGCTGCCCC  
CCAGCCAGCCAGGACCCGGTCCATCCAGATGCTGGAGCCTTTGTCTGGAGGGAGTCACGCGAGAATTCTG  
TGCACACAGCCCCAGCGGGGGGCATCTTGCAGGACCTTTAGTGCCACAAATAAGCACCGAGCACCCCCC  
GTTACACCTCTACTCCTCCAGCTCCTCATCCCCCGTGGTATTTATTATCTATTTCCCTCTCCACCCCC  
CTGGGGACCCAGCTTCCCACCGCACCCCCAGCCTACCCAGAGGCGCTTGCAGGTGACCGCGCGCTCAG  
TGTATTTATATACAGAGCTTATGACTTTAATTTTCAATAAAGAGATCCAAACAA

>GBEQ0757 |Acc|CD470891|Ver|CD470891.1 GI:31392159|LeukoS5\_3\_D03.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D03\_A027 3', mRNA sequence.:Start:1:Stop:578  
TTTTAGAATTTGAAAGAGTTGAATCAGCAATTAAGCTGTTGTTGATCTGAACGGGAGGTATTTTGGTGG  
ACGGGTGGTAAAAGCATGTTTCTACAATTTGGATAAATTCAGGGTCTTGGATTTGGCGGAACAGTTTGA  
TTTTAAGAACTAGAGAGCAAGTCATCTCCAGTGACCCCTAAGTGAGCTGCAAGCTGAGCAGAGAAGAAAA  
AGGTGGCACCCCGCATGGCTGTTGGGTACAGAGACTCTTGAAAGAACTTTTAAGATATATGTTGACT  
GATCCCTTTTTTATTTTGGGGTTTTTAAATATAGTATAAAAAATTCTTTAAAAAATAAACAATCTGTG  
TGCCCTCTCTGGTTGTTTCTCTTTTTTATTACCACTTCTGAGGTGATTACATTTTTTGCTAGGATTTTCATG  
ATAATTCTCAAGTGCTTCAGTGATACAGCATTTCTTGCACTAAAAAATCTAGAAAGTTTTGGGGTATGGG  
GTTGTATTAAGTTATCCTTTTGCTTTTCTTTCTTTTTCGATTCAATTTAATAAAACCTGCAAGTTA  
CTAAACTGTAGCTTCAAA

>GBEQ0758 |Acc|CD470878|Ver|CD470878.1 GI:31392146|LeukoS5\_3\_F12.b1\_A027 Stimulated

peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F12\_A027 3', mRNA  
sequence.:Start:1:Stop:454  
CCAGCAAACAAGAAGAGCCCCAACGGAAAGTTGAGACTACTATATGAATGTAACCCAATGGCCTATGTCA  
TGGAGAGGGCCGGAGGATTGGCTACACAGGGAAGGAAGCTGTACTGGACATTGTTCCCACTGACATCCA  
CCAGAGGGCGCCGATCATCTTGGGGTCCCCTGAAGATGTGACCGAGTTCCTGGAGCTATATAAGAAGCAT  
GCTGCCAAGTGAAGAGCTGGCCTTCCCCACACCAAAAAGAATTGCCCTTTGTTGGACCTTTTGTCTCAC  
ATGATGCTACCCATTCTGATTATGCATCATATATTCCTAGACAGCAGAAATAAAAAGCATGGATATTTTC  
ACCATCAAATGCTGTGTGATGCCCTGGCGCTGCTACCCAGATGCTGTCTTGACGATGCCACTGACGGTCAA  
GATATATTTTGGAGTGAACAGAGGAGAAATAAACA  
>GBEQ0759 |Acc|CD470877|Ver|CD470877.1 GI:31392145|LeukoS5\_3\_D01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D01\_A027 3', mRNA  
sequence.:Start:1:Stop:599  
TGTAGGCAAGGTGGGGCCTATGATTGGGCAGTACGTGGACTCTCAGTGGAGCCTGGCAAGCTTCACCGTG  
CCTGCTGAGTCAGCCTGCATCTGCGCCTTCGGTCGCAATACTTCCAAGAACGTCAACTCGGTCAATGGCCA  
TCTGTGTAGATGGGACCTTCCACAAGTACGTCTTCACTCCTGATGGAACTGCAACAGAGAGGCTTTCGA  
TGTGTACCTTGACATCTGTGATGACGATGACTTTTAAAGACCCTGTGGGTTGTGCCAGGAGCCTGCAGTG  
GCAGATTGCAAAGCCTTTAGGGGGTTGGGAGTGCTGTGGAAGCCACTAGCCAGCAAGCATTAATGGGGCA  
GGTGCCCACTTCTACTCAGCAGAGAGTGCCTAAACAGCTCTCTCCCTCAAGCACTTCGTGAAGACTGT  
GTACCAGTAAGGCCAGGCCATGGACCCTGGACCGCAGCAGACCCCTGAGGCTTCCAGCCTGGAGAAGAC  
TGCTAGGCACCCAAAGGGAGTGCCTAATCCAACCTGTGTGGGGGGGATTAAAAAAGCTTCCCTGAAAGAG  
ACGATCTTTGATGTGATGAACATGAATAAAAGGCCCTTA  
>GBEQ0760 |Acc|CD470875|Ver|CD470875.1 GI:31392143|LeukoS5\_3\_F05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_F05\_A027 3', mRNA  
sequence.:Start:1:Stop:521  
CAAGGTTGCCTGCATTGGGGCCTGGCATCCCGCCCGAGTGGCCTTTTCCGTGGCGCGGGCCGGGCAGAAAG  
GGCTACCATCCCGCAGGAGATCAACAAGAAGATTACAAAGATTGGCCAGGGCTACCTCATCAAGGACG  
GCAAGCTGATCAAGAACAATGCCCTCCACTGATTACGACCTGTTTGACAAGAGCATCAACCCCTTGGGTGG  
CTTTGTCCCCTACGGTGAAGTGACCAACGACTTTGTGTCATGCTGAAAGGCTGTGTGGTGGGAACCAAGAAA  
GGGAGTGCTGACCTTCGCAAGTCCCTGCTGGTGCAGACGAAGCGGGCGGGCCCTGGAGAAGGTTGACCTC  
AAGTTTCATTGACCCCCCTCCAAGTTTGGCCATGGCCGCTTCCAGACTGTGGAGGAGAAGAAGGCATTCA  
TGGGACCCCTTAAGAAAGACCGAATTGCAAGGAGGAAGGAGCTTGATGCCAGCAGCAGATTGTGCAGCT  
GGTGGGGTCCCAATAAAGAGTTTTTCCCGTG  
>GBEQ0761 |Acc|CD470870|Ver|CD470870.1 GI:31392138|LeukoS5\_3\_D08.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D08\_A027 3', mRNA  
sequence.:Start:1:Stop:420  
CTTCAACCCCTAGTACAACAATAGCCCTGCAGTTAAGCCAGCGGCTTCAATAACAAGTAAGCCTGCTAC  
ACTTACAACAACCAAGTGAACCAAGTAAGTTGATCCATCCAGATGGGGATATATCCCTGGAAGAGAGAAGG  
GCCAGTTACCTAAATATCAACGTAATTTTCCCTCGACCTCCGATGGGAATGAGACCTCCTGTAATGTCGC  
AAGGTGGCCGTTACTGATTTTACTTTCATCCAGTTTAATAGGTTTGGAGATTAAACCTTTTTTCAACTGT  
GCTGTTTATATAGCCAAGCTTCCGTCAATAAGGCTTCATTGTGACTTTAACAACATTATTTTCCCCCAT  
ACCAGGAATATTGGACATTTATTTACATGGGAAAAATTATTGGAATAATAAAGCAGGAATTTTCCCTGG  
>GBEQ0762 |Acc|CD470869|Ver|CD470869.1 GI:31392137|LeukoS5\_3\_H01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:635  
CAAATTATTATGCCAGCCAGAAGAAAACATTGAAATTAATCCAGACACCCGCTGATCAAAGATATGCT  
TCGACGAGTTAAGGAAGATGAAGATGACAAAACAGTTTCAGATCTTGCTGTGGTTTTGTTTGAACACAGCA  
ACACTGCGATCAGGATATCTTTTACCAGACAGAAAGCATATGGAGATAGAATAGAAAGGATGCTGCGCC  
TCAGTTTAAACATTGACCCCGATGCAAAGGTTGAAGAAGAACCCGAAGAAGAACCTGAAGAACAACAGA  
GGACACCACAGACGACAGGAGCAAGACGAAGACGAAGAATGGATGGAGGAGCAGATGACGAAGAAGAA  
GAAACAGCAAAGAAATCCACAGCTGATAAAGATGAATTGTAAATTACACTCTCACCATTGTGATCCTGTG  
TGGAGAGGGAATGTGAAATTTAAGTCATTTCTTTTGGGAGAGACTTGTTTTGATGCTCCCTGACCCCC  
TTCTCCCTGCACTGTAAATGTTGGGATTGTGGGTACAGGAAGAAGTGGGTTTTTTTTAGTTGAATTTT  
TTTTAACATTCTCATGAATGTAAATTTGTACTATTTAACTGACTATTCTTGGTGTAAATCTTGTGTCATG  
TGAT  
>GBEQ0763 |Acc|CD470786|Ver|CD470786.1 GI:31392054|LeukoS5\_2\_E12.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E12\_A027 3', mRNA  
sequence.:Start:1:Stop:473

CTCTCAAGATACGAAAGCATCTGAGAGCTCGAAGCCATGGCCAGATGCCACTACATACAGTGCTAGTTCT  
GCATCACGGGCTCGGCAGTTTCCGACCTGAGTCCCCGGGAGCGAAGCCCTGCTCTCAAAAGCCCCCTCC  
AGTCTGTGGTGGTGAGGCGGCGGTACCCCCGTCTAGCCCTGTGCCAAAACCCAGCCCTCCACTTTCTAG  
CACATCCCAGATGGGCTCAACTCTGCAGAGTGGTGCTGGGTACCAGGCTGGGACACACCAAGGTCAGTTC  
GACCATGGCTCTGGGTCCGTGAGTCCATCCAAAAAGAGCCCTGTGGGTAAGAGTCCACCGGCCAGTGGCT  
CCACGTATGGCTCGTCTCAGAAGGAGGAGGCTGCTGCTCCAGGAGGAGCAGCCTATACAAAGAGGTATCT  
AGAAGAGCAGAAGACAGAGAATGGAAAAGATAAGGAACAGAAACAAACAAATA  
>GBEQ0764 |Acc|CD470783|Ver|CD470783.1 GI:31392051|LeukoS5\_2\_E05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:606  
GTGGGTGTCAAGTTTCGACAGCGTATGTGGATGCTACTTATGCGCCTGGGCTGCCCTGACCAGAAAGGGC  
ATCAACGGCAGCCACCATCTTGCCGCCGGGATTTCATCCTGGTCTGAGACCACAGAGGCCCTCCTACTCAGG  
CTTGTGAGGCTGGGATGGGGGCCATGCAGCCTGACTGCCCCCCTCTTCCAGGCTCCTCCCTCCCTCTCC  
TGGAAGACTTGCTCCCCAGATGCACACTCCTGGGATTCCCCGGCAGCCCCAGCACTGCCAGTCTCCCAG  
GAAGTCACCCCTCCAGCTCTGGGGGCTGCACCATTTGCTCCTTAGCTGCCAAGCCCCATCTGCTGCT  
TCGTAAGTGCTACCTTCAGGACCTTCTTACCTTGCTGCCCCGAGCCCCACTGCCCTTCTAATCCAGTA  
ATGGCCTTCCCCGTGTGCATGCAGCAGAAGGCAACAGCATAGCAGAAGCTGCCCTATGGGGCCTTGGC  
CCAGGCCCTCAGCTCAGCAGTGAAGTGTGGCTGTGGTCCCCAAGACCTCTGTATTTGCTCATGTTTATTTT  
TAAATAATACACTGCTTAAACTTCTCAATAAACAAGATAATAGGG  
>GBEQ0765 |Acc|CD470780|Ver|CD470780.1 GI:31392048|LeukoS5\_2\_B06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_B06\_A027 3', mRNA  
sequence.:Start:1:Stop:628  
AGACAAATCATGTTCTGGAAATTGACAGTATTAAGTGCCCTTTTCTCTCTGAAATATTAAATGAACTCTA  
TTTAATGTTATTTTAAACCAAACTTTTAAATGAAGTGGTGAAGTGTGCAATGATAGTAATTAGAAGTTCT  
ACCACATGACAAATTTGTGGTTTAAACTTTCTACATCATGGTGACTTCATTAAGGCCGTTCTGTGGCA  
TCCTTGAAGGCAGATCAAGATAAGGCAGTGTAGGGAGAAAACATTACATTGTGAAGGCAGACGATCATC  
CCAGTATGATGGTCAGAAGACAGGCTGGGGTGGCAGAGAGTAGCTGAGAGATTTATAGGCTGGGCAAACT  
CTCAGAAAGCACCGAACTTAGAATTTTCCAAGAAAATGTGCAGTATTCTTCTACTTCTGAGTCACTAT  
TTTGTCTCGTAAGCTACACAATTGCTGCCCCACTGGGCTTTTGGGTGAGTGTGTTTTCATGGAGTGTAC  
TTTCGATAACCTACTGTCCCCAGATTCTAAGAACCTGGGGAAGGATTAGCAGTTCTTATAACAGTACGTT  
TACTGTGTATAGGAACGGTTATGTCAATTATGGCTGTAAATGCTCATCTTTCTACGACATTAAAGT  
>GBEQ0766 |Acc|CD470761|Ver|CD470761.1 GI:31392029|LeukoS5\_2\_E02.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E02\_A027 3', mRNA  
sequence.:Start:1:Stop:458  
GCCGTTGCCTGGTATTATCATGGGAGGGATTTTGCCTTTGGGTGCATCTTTATACAGCTTTTCTTCATT  
CTGAACAGCATTTGGTCACACCAGATGTATTACATGTTTGGCTTCTTCTGTTTACCATTGTTGG  
TCATTACATGTTCTGAAGCACTATACTTCTTTGCTATTTCCACCTATGTGCAGAGGATTATCATTTGGCA  
ATGGCGTTCAATTTCTTACCAGCGGCTTTACTGCAGTTTATTTCTTAATATATGCAATACATTACTTCTTT  
TCAAAATTGCAAAATCAGGAACAGCAAGTACAATCTGTACTTTGGGTATACCATGATAATGGTTTTGA  
TCTTCTTTCTTTTACCAGCAATTTGGCTTCTTTGCATGCTTTTGGTTTGTACCAAAATATACAGTGT  
GGTGAAGTTGACTGAAGAAGCCCCAGTGTGTCAAGTT  
>GBEQ0767 |Acc|CD470760|Ver|CD470760.1 GI:31392028|LeukoS5\_2\_H08.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_H08\_A027 3', mRNA  
sequence.:Start:1:Stop:572  
ACGGCGAGGGGCGCGGAGGGCATCGACGACGTCGAGTGGGTGGTGGGCAAGGACAAGCCCACCTATGA  
CGAGATCTTCTACACACTGTCGCCCCGTCACCGGCAAGATCACGGGCGCCAACGCCAAGAAGGAGATGGTG  
AAGTCCAAGCTGCCCAAGCTGCTGGGCAAGATCTGGAAGCTGGCCGACGTGGACAAGGACGGGCTGC  
TGGACGACGAGGAGTTTGCCTGGCCAACCACCTCATCAAAGTCAAGCTGGAGGGCCACGAGCTGCCCGC  
CGACCTGCCCCACACCTCATCCGCOCTCCAAGCGGAGGCACGAGTGACGGGCCGGCCGGTGACACAGT  
CCCTCCATCTTGGCGCCAGCCAGGCGGAGACTGGGGAGGGGGCAAGGGTCCCAGTTGTCAAGGTCCAT  
AAAGACTGAGCGGGTGATTCCTCAGCTCTTGAAGGAAAACCAACCATCTTCTTCCAGGCTGTTCCGG  
GGCCAGCGGGGAGGCAGGGGTGATGCTCATATGTGAATGATGGAATTTTGTGCACAAGAACTATGGATA  
TTTTTAATATAT  
>GBEQ0768 |Acc|CD470754|Ver|CD470754.1 GI:31392022|LeukoS5\_2\_D07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_D07\_A027 3', mRNA  
sequence.:Start:1:Stop:645  
AATGAAGAGGATCCCCCTGCAACACCAAGCTGTGAACAGAAAGACTGTTTGGCCAGCAAGCCTTGGG



ACATCAGCCTGGCCCAGCCGGAGAGCATCCGCAGTGACCTGGAGAGCTCCGATACGCAGTCAGACGATGT  
GCCAGACATCACCTCAGATGAGTGTGGCTCCCTCGCTCCCATACTGCAGCCTGCCCTCGACTCCCAGA  
GCCAAGGTGCACCGAGCCCAAGTGCCCATATGAACCTCTCTGCCCTGCTGAGGGGAAGACTGTCTTGA  
AGCCAGAAGGTGCAGAAGCCAGAGTATGAAGTGGATTGAATGCTCCTGTTCTGAGAAGCACACTTGTGT  
AACTGCATCTTTTGGAACTTTTGGGGGAGGGGTGGGATTATATGATTTTATTTCAAAGATTCTCTGG  
TCACAGGTTTTTCCCAGGAAATTTCTGGGAAATTTGCTATTTCTTACCAGATAAAACATGGAAATTTTGC  
CCTTAGTCCCACCCACCTCCCCCTTTTATGTTTTAATTTATTTGGTTAAACTGATGGTGGCAATCCGT  
GAGGTCTGTCAAAGAGTGTACAGATGTATGTGTATATTTTATGTATGCTAACATTACTGAAGGACACA  
TTTAATAAAGATT

>GBEQ0769 |Acc|CD470749|Ver|CD470749.1 GI:31392017|LeukoS5\_2\_C11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_C11\_A027 3', mRNA  
sequence.:Start:1:Stop:560

GACCCATGCCCAAACCGCATAGTGTTCCTCAACGATACCTGAAACAAGGAACTCATGGAAGAGTGTAA  
AAGACTTCAGGGAGAAATGATGAAGCTGCAGAGAAATCGACACCTGAGAGATGAAGGCTTAAGGCTC  
AGAAAGGTAGCACATTCGGATAAACCTGGATCCACCTCAGCTGCTTCTTCAGAGATAATGTCACCAGTC  
CTCTTCTTCACTTCTGGTTGTGATTGCAGCCATTTTCATTGGATTCTTTCTAGGGAAATTCATCTTGT  
GATTGAAGCATGCAGAGTGTATTTCTTTTCTCTTGACCAGAAAAAGATTGTTTACCTACCATT  
TCATTGGTAGTATGGCCACGGTGACCATTTTTTTTGTGTGTACAGCGTCATTTAGGCTTTGCCTTTAAT  
GATCTCTTATGGTTAGAAAACCCAATAAAAAGAACTGTTCCGGCTACTGGACAAATTGTATATTACCAGA  
TCATCACTAGCAGATGTCAGTTGCACATTCAGTCCTTTATGAAATTCATAAATAAAGATTTTCTTTCTT  
>GBEQ0770 |Acc|CD470742|Ver|CD470742.1 GI:31392010|LeukoS5\_2\_G04.b1\_A027 Stimulated

peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_G04\_A027 3', mRNA  
sequence.:Start:1:Stop:563

AGGAGGTGTTGGTGCTCTGGCTGCAAGGGCACGAGAAGCTGCCCCGCGAGAAGTACCTGGTCTTTAAGCC  
CTGCGGGAGCCCGGCGAGAGCGTGCCACCTTTGCCGTGACCAGCCTGCTGCGCGTGGAGGCTGAGGCC  
TGGAAGAGGGGAGACGTCTTCTCTCATGGTGGGGCCACGAGGCTCTGCCCTGAGCTTCACCCAGAAGT  
CTATCGACCGCCTGTGGGTTACCGGGAGCCACCTCCCTGGGTGGTGTGGACCCGCCACAGGAGGACCT  
GGAGGAGGACACCCAGGAGCCAGCCTGTGGCCACCACAGTCACCCCTGCTCACTCTCTTCTGCTGAGC  
CTCTTCTACAGCACGGCGCTGACCGTGACCAGCATCCGGGCCACCTGGTGGCAAGAGGGGCCCCAGT  
ACTGAGACGGAGCCAGCCAAGGTGGGGGCGGGGAGGAGCCTGGAGGAGCCCTGGAAGCCCAAGC  
TGGATGCCAGAGCTCAGCCCTGCTTGAAGCCACCCGACTCTCCACACAGGCCTTCTGGTGCAATAAA  
CTG

>GBEQ0771 |Acc|CD470733|Ver|CD470733.1 GI:31392001|LeukoS5\_2\_F01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_F01\_A027 3', mRNA  
sequence.:Start:1:Stop:637

CAGAACAGCATGGGTGGATATGACTAGTTTTGTAGGAGCATTTGAGTTGTTTCAATCAAATTTTACAGG  
CAGCCAACAAGCAGTGAAGCAGTAACTCTAGAGGGAGCTGTGGGACCCATTTTGCACCATGAGTTTG  
TGAAATCTGGATTAAAAGAATTACCTCTTCAGTGTTTTCTCATGCAAACCTTTCTTCTAGCATGTGATATT  
GAGTAAACTAAACTATTTTTCAGCTTTCTCAATTAACATTTTGGTAGTGTACTTCAGAGTGATGTTATT  
TGAGTTAAAGTAGTTTTAAGTACATTAATGTGGATCTTTTACACCACATCACCGTGAACACATTGGGGA  
GACGTGCTTTTTTGGAAAACCTCAAGGTGCTAGATCCCTAATTGGAAGAGGAACATTTCTCATGTTTGTTC  
ATTCTAGTTTTATTTTCATTTAAATCTTTTAGGTTAAGTTTAAAGCTTTTAAAGTTAGTTTTGAAAATT  
GAGACACATTACTAATACTGTAGGAATTGGTGAGGCCTTGACTTAAACTTTCTTTGTACTGTGATTTCT  
TTTTGGGTGTATTTTGCTAAGTGAACTTGTTAAATTTTGTAACTAAATTTTTTCTTAAATAAAG  
ACTTTTT

>GBEQ0772 |Acc|CD470732|Ver|CD470732.1 GI:31392000|LeukoS5\_2\_C02.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_C02\_A027 3', mRNA  
sequence.:Start:1:Stop:573

CCCAGCCTCCAGAGCCCCATCACAGTGGAGTGGCAGGCACAGTCTGAATCTGCCCAGAGCAAGATGCTGA  
GTGGCGTCGGGGCTTCGTGCTGGGGCTGATCTTCTCGGGCTGGGCCTTATCATCCATTACAGGAGCAA  
GAAGGGACCTCGTGGGCTCCACCAGCAGGGCTCCTGGACTGATACCTGAGGATACTTTGACAGGGATTG  
GTTTTTGCTCTTCTGTAATGCCTGCCTGTCTTTGCTCAGAATCCCAGCTGCCTGTGTGACGCTGTCCCC  
CTCTGAGATCAGAGTCTTACAGTGTCTGATGCATTCTTCAGATCACCTCCTGTGACCTCTGCCCTCAG  
GATCTGACTGCACACTACTTCTGCACTGACCCAGAGCTTGCTGCCAGCAGCGTCTACTTGGTTCCCA  
AGGTTTTCTTCTGATCCATTCTTCTCTACAGGCTGTACAAGAGAAGCACATTGAAGCCATTTACCTGAC  
CCTAGAGCTTTTATCATAATTAAACATGATTATGAGTTATCTGTACCCTGAGCTTTCTTAACTGGGTGGA  
GGCAATAAACCAC

>GBEQ0773 |Acc|CD470639|Ver|CD470639.1 GI:31391907|LeukoS4\_6\_D10.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_D10\_A026 3', mRNA sequence.:Start:1:Stop:577  
CTTTTCCAGAAATGGCAAGAAGTCTTTTGAAGACATCGTCTGTGTCTATAAGAACAAAATTGCTGCATAA  
AACCGGAGTGTCTCTTTATGATACATCTCATGGCTTCCATGAAGAAGTTGTTAAAAAAGCTTCAGCAG  
TTTCCCGGTGGATCTGTTGACCTTCAGAGGGAAGACAGTGGCATTGGCATTCTTACTCTGAACAATCCAA  
GTAAATGAATGCCTTCTCAGGTATAGAGATGTTTTCTTTTGCTAGTTAAAGAATAACCTAAATCTAACCT  
GCTATCATATGATTTTATCTTTACTCTTGTGATAAAATTTGTGGAAGTCATGGTACTCTTTGTAGAACA  
CATACACACACGAAAACAAAACCTATCCCGTGAAGCAGGAACATTTCTTACTATTTGTGGATAGTTTAATG  
TTTTTTAAAAACCCATGAATACAGGTGTTGATAAAAAGATAAATGTCAAATTAATCTTGATAATATTTTT  
CATTGAAATTTTATTAAGTCTTAATAACTTGATTTGCGTTTCAGCTAATGTCTACTGGGAGACAAGTGGGGG  
GACATTTCAAAGATTTT  
>GBEQ0774 |Acc|CD470637|Ver|CD470637.1 GI:31391905|LeukoS4\_6\_E12.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_E12\_A026 3', mRNA sequence.:Start:1:Stop:163  
AAGGAACGTCAAGGTCTGGGAAATAAAAGGCAGTTCCGCACAGACTGCAGCAACGGTTGCATCTGCATA  
TCCTAAGAGGAAAAAATGACCTTCAAGAGAATTAGGACTTTTTTCTTAATTTTCATTGACTTCAGAGACG  
ATTGCAGACTTGCAGTTTAAAGTA  
>GBEQ0775 |Acc|CD470633|Ver|CD470633.1 GI:31391901|LeukoS4\_6\_A08.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_A08\_A026 3', mRNA sequence.:Start:1:Stop:401  
TTTCCAGTTACTTGAGTTTAGAGCCAGAATGCAAGCCCGTGAAGCAAAGAGCAGCTCAGGAACTCCACG  
GTTGACTTCCCTTGGCTGCAAGCTTGGTGGAGAGCTGAAGCTTCACGTGGTACTGGAGGCCAAGTTCCGGA  
TCATGACTACATGGCTTGAAATGGAAGACACAAAACCTGAGAGATTTTTCTGCACTAAGTTTGGGACTC  
TGTCCTCCCTAGTGACCGAAGTGAAGTGAATTAACGTCAATTTATAAATCTGCTCCCTGTCCCTTGTGTC  
TGCCACCTGTGTGCCCTTTTTGTAAAACATTTTCACGTCTTTAAAATCCCTGTTGAATCCCTAGAGTTT  
AGTATCAACTTCTACACAGATAAGCATTCAAAGTTGACATGAACCTTTTTTG  
>GBEQ0776 |Acc|CD470622|Ver|CD470622.1 GI:31391890|LeukoS4\_6\_G10.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_G10\_A026 3', mRNA sequence.:Start:1:Stop:612  
TAGACCAGGTGTGGATCTGAGCCCTAAGTCTACTATGGCAGCTGCTTGGCTCCAGATGGCTGAGCAGGCA  
GGGGCTGGCCTGGGACAGCATCTGGGCAGGGGGAGGGGCTGGGCTGACCAACCATGACCAAAACCTGTG  
CTGCCCCATGCAGCCCCCTCTGCTTCTGCTCTGCCCCATCTCCCTGCTCCCAAAAGTTACAGCCTT  
TATTCAGGCCCCATGAATATAGGAGGGGGAAGCAGGAAGCCTAGAGAGGGCCAGGGACTTGCCTCAGGGC  
CCTCAGCTGCCCTGACTATCTCAGGGCTTTCTGGGCACTGCCTCCAGCTTGGTCCACCTGCCCA  
TGCCCTAAGGCCAGCTGGCCAGGGACGAGGGGTGGCTTCTTATGGCTTTTATGCCTTTTCGTTTGTGATA  
CTGAATCTGCATCATAATTTCTATATTGTCCCTGAGTATTAGAATAATAATTTATTCATTTTCTCTGT  
GTCTGTGCCAAGAAGCCAGGCTCTGGGCTGCCCCCTCGCCCAGGAGGCTTGCAGCCTGCGTGCTTG  
TGGGAACACTTTGTACCTGAGCTTACAGGTACCAATAAAGAGGCTCTATTTT  
>GBEQ0777 |Acc|CD470618|Ver|CD470618.1 GI:31391886|LeukoS4\_6\_C08.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_C08\_A026 3', mRNA sequence.:Start:1:Stop:514  
CACACATGCACAGCTGCTGCCGGGGCCTGGGCGGGTCACTTCTCTGAGCCTCAGTATCCCCCTTTTGTA  
AAGTGGGGGTGGGGTCCCCCACTGGCCCCACAGGAAGGGGGGGCTTCAGGCTGTCCAGGGGGCTGGGTGG  
GCACCCCGTCGCCCTGGTCTCACTGCCCCATCCACCCACAGAGCTGTGGAGGTGCTGTGGGCCATGG  
TGATGCGCACGGGCTGCGCATGGGCAACAAGATAGGCGTGATGGCCGTGGTGTGCTGGTCCCCATCTTTGC  
CGCTTCTGTGTGCTGACGGTGGCCATCTGCTGGTGTGATGGAGGGGCTCTCGGCCCTTCTGCACGCACTG  
CGGCTGCACTGGGTGGAGTTCCAGAACAAGTTCTACTCAGGCACTGGCTACAAGCTGAGCCCGTTCTCCT  
TCGCCGTGGAGGAGTAGCGCCACCTGTGGCCATGCCACGACCCCTGCTCTCCCTCGCTGAGGAGGA  
AAGGAATAAAGAGCAGCAAGCTCC  
>GBEQ0778 |Acc|CD470521|Ver|CD470521.1 GI:31391789|LeukoS4\_5\_H02.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H02\_A026 3', mRNA sequence.:Start:1:Stop:602  
GGAAGAATAACAGTTCCGCGGTTAAGTGTGGTTTCACTTACTAGCAGACCAAGTACTCCCACTCTTGGCA  
CACAACCCCAAGAGCGGTGCTGTTTCAACCAAGGTAGGGACTCCAGTATCCCTCACAGGGCAGAGGTT  
TACGGTGCAGATGCCACCTCGCAGTCCCAGCTGTAAAAGCGTCCATTCCTGCAACATCAGCAGTTTCCAG  
AATGTTCTGATTAAATCCGTCATTAATCGGGTCCAAAAACATTCTTATTACCCTAACATGGTGTCTATCAC



AGAATACTGCCAGTGAATCATCAAATACATCGAAAAGAAAGCGTGAAGATGACGATGATGACGATGATGA  
CGACGATGATGACTATGATAATTTGTAATCTAGCCTTGATGCTTGTAATGTGGATACTTGGTCTTGAATC  
CACTGTACTGAGATTAAACACGCATGCTGATGTGTTAGAAAACTTAAGTAGTATTTAATGAGTAAATATA  
GTTACCATACTTTTCAATTGAGATGTTGGATTTTCTTTAATAGGATTAGTAATGGTTTTTTCATGAGCCTT  
TAAGTGTAATAAATAAAGTTGTCATTCATCAATTTCAAAAAA  
>GBEQ0779 |Acc|CD470514|Ver|CD470514.1 GI:31391782|LeukoS4\_5\_D03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_D03\_A026 3', mRNA  
sequence.:Start:1:Stop:511:  
GTTGTGGGTCCTGGTGGGAATCATTGTTGGGACCATCTTCATCATCAAGGGTGTGCGCAAAGGCAACGCTG  
TTGAACGCCGAGGGCCTCTGTGAGGTACCTGCAGGTAATAGACTTTCTTCAAGAGAAGATCAGTGAAGAA  
ACTTCTGCTTTAATAGCTTTATAAACCTGGCAATACTCCAGTTGTTCACTTCACTGAAGACAACATATTTT  
TCAGCACTTTCCAGCCTTTTAGCTACTGTAAGAGTGGTGATTTCTTCCCGATGTCTCCATACGCTAACAG  
CTAGTTATTTCCCTATCTATTGCTCCTTCTTGTATCTGTTTTCCCTCCAATTCCCACTATCTTTTTATTAT  
CCTATGTAAATGCCTATAGCTAGACCCACAGGGTGCTTCTCTGCTATGGAACCTTTTGAACATTCTA  
CAGGGGCATCTTCTGTATACTTTGCTTGGGGTTTCTTCAGACTGTGATTGTGATTCTCTGAATACAGTA  
AAATACTGGATAGATCTTAGG  
>GBEQ0780 |Acc|CD470512|Ver|CD470512.1 GI:31391780|LeukoS4\_5\_E10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E10\_A026 3', mRNA  
sequence.:Start:1:Stop:530  
ATTTGTAAGAATATATTTAATATATGTACACCCATTATGTTTTTAGGTAACAGGAGGAAAAATGCAGCAC  
AAATTTTTTTTCTCTTGTAAAGGAAGTGTCAATTAAGCATCAACCTGGAGTACTCACAATAGAATTGAGA  
TTCACAAGATGGAAGCATGGCGAGAAGTGTGAGTGGCTGTGTAAGCATGTGTGTTCTGAAAAGTAAAA  
ATCTCAAGAAGGAAAAGCAGAAATGGCATGCTTTATCCATCTTGCTTAGTGAAAGAGCTTCAGTTGAAAT  
TGTTTAAAGTAGCAGGTACAATGAATAGTGTACAAATTGTGTTAATTTTTGAAGCGGTGTGGGTGCTGA  
CTACTAGTAGTATCAAAAATATGTTTCAGGATTGTTTTGATACCTGTATTTATAATTAATAAATAAATGTCAT  
AGAGGAGGTCGATGAATTTCTGTTAAAGCTGTTCTGTGTGTACATTTAACAGACATGGCAAACATTT  
GTTTACAGTCTTTGTTTGACAAACCATGCATTTAAGTTTT  
>GBEQ0781 |Acc|CD470508|Ver|CD470508.1 GI:31391776|LeukoS4\_5\_E03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E03\_A026 3', mRNA  
sequence.:Start:1:Stop:298  
AACCTCCTGACCACGAGGTGGTGGCCATGGCCCGCAAGCTCCAGGATGTGTTTCGAGATGGGTTTTGCCA  
AGATGCCAGCCGAGCCGAGGAGCCTGTGGTGGCTGTGTCTCCCCCGCAGTGCCACCCCCACCAAGGT  
TGCAGCCCCGCCTTCATCCAGTGACAGCAGCAGTGATAGCTCCTTGGACAGCGACAGCTCAAGTGATGAC  
TCTGACAGGAGCGAGCGCAGCGCTGGCCGAGCTCCAGGAGCAGCTTAAGGCCGTGCACGAGCAGCTCG  
CAGCCCTCTCGCAGCCCC  
>GBEQ0782 |Acc|CD470506|Ver|CD470506.1 GI:31391774|LeukoS4\_5\_G12.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_G12\_A026 3', mRNA  
sequence.:Start:1:Stop:280  
GCCCCCCCCACCCCTGACTCAGCCGGGGGAGAAACCACAGCATTACCACAGCGTTATTGTGACAGCCA  
TGTACCCACTGCCACAACCCCTCGCCCCGACCTCTGGCTCTGAGCCCTGTTCTGACCAAATCACGAT  
GATGAGTATTTGGGGGTGGGTGGGTAAGGGGGGAGTGGGAGGGGATGGAACCAACTTTTCTGTATTTTG  
TATTGTATGTTTTCTTCAACATGTAACCAATCAGTATCTTGTCAATATAGTCAGCCGATCGATCGACCTT  
>GBEQ0783 |Acc|CD470495|Ver|CD470495.1 GI:31391763|LeukoS4\_5\_H05.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H05\_A026 3', mRNA  
sequence.:Start:1:Stop:613  
AATAGTGTGGATGTGACTTGTCTATCCAGTATTAAGTTCTTAGTCATTGATTTTTGTGTTAAAAAATAGGA  
AGGAGGGAACTGCAGCTTTTATTACAGACTCCTTGATTGGTGAGCTCTCCAAATGCAGAGTTACAGTGA  
ACTCGGATCATGCCTTGGACAGTGGACCTCGAGCATTCTCTCGGGCTTTAATTTGCTAAAGCTGTGCA  
CATATGTAAAAATAGATTATTTTAGGGGAGATGTAGGTGTAGAAATTATGCTTATGTCATTTCTTAAGCA  
GCTATGCTTTAATGCTTAAAGAAGCTAGCATCGTTTGCACAAAAAGTTGGTGATTCCCTCCCCCAA  
TAGTAATGAAATTACTTCTGTTGAGTAACTTTTTATGTCATCTTATAATAAAAGCTGAAAAAATCCCT  
CTGTTTCTATTTATAAAAAAATGCTTTTCTATATGTACCCTTGATAAGAGATTTTGAAGAAATCATGTA  
AGATGGTAAACATTTGAATGGTACAGTAGATGTAAAAAATAATTCAGTTTAAAAAGACGTTTGTGTTTT  
ACATTAAATGTTTATTGAAATCAAATGATTTGTACATAAAGTTCAATAATA  
>GBEQ0784 |Acc|CD470493|Ver|CD470493.1 GI:31391761|LeukoS4\_5\_B04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_B04\_A026 3', mRNA  
sequence.:Start:1:Stop:470

ACAGGTGGAGCACGGATACACATGCCGTGCCCCCGGTTGCCAGCGTCCCTATACGAGGCCATGGAG  
CAAACCTGGCGTCTGGACCCGGAAGAGAGGCTTACGTTTCGAGTACCTGCAGTCCTTCCTGGAGGACTACT  
TCACCTCCACAGAACCCAGTACCAGCCTGGGGATCAGACATAGCCTCTCTGGAGGTGCCTGCCAGCCCC  
TTCCAATCTACAGGGCCCTGGTCCCAAGGCCCTGGCTTAGAAGCCTGGAGAGTCCCTAGCATGTCAGCGC  
AAGCAAATTGCTCTGACACCATCTAGGGCAACTCACTCGTTTTAAAGATGGGGCAAATCGAGGCTCAGAG  
ATCATCCTTCACCTACTCTGGCCTCAAGCACTATTTCCCCCTTCCCACTTAGGCTCCTGCGTGCCTTTA  
GCCTTCCTGTCCCCCTCTCCAAAAAAGATATGTTTCAGACCATGTCTAGT  
>GBEQ0785 |Acc|CD470492|Ver|CD470492.1 GI:31391760|LeukoS4\_5\_C06.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_C06\_A026 3', mRNA  
sequence.:Start:1:Stop:582  
CTAGACCCAGAGCATTAATGAAGGTGTGGCCAGGGCCAGCCCCCTCTTTTCTCCCGCGGAAGGTG  
CGGGGCAGCTACCGGAAGTCTTAGAGGCGCGGGGCGGGGCTTGTGCGGCGGCGCCGTGGGATCGATATGG  
CGACTGAGGGGGACGTGGAGCTGGAGTTGGAGACTGAGACCAGCGGTCCGGAGCGGCCCTCTGAGAAGCC  
AAGCAAGCATGCTGCTGTGGCGGACCTGGAGCGAGTCACCGACTATGCGGAGGAGAAGGAGATCCAG  
AGTTTGAATTTGGAGACGGCCATGTTCTGTGATTGGAGACAGACGGTCACGGGAGCAGAAAGCCAAACAGG  
ACCGGGAGAAGGAACCTGGCAAAAGTCACTATCAAGAAAGAAGATCTGGAGCTGATAATGACAGAGATGGA  
GATCTCACGAGCAGCAGCAGAACGGAGCTTGAGGGAACACATGGGCAACGTGGTAGAGGCTCTTATTGGC  
TTAACCAACTGATTTTGTACTTTTCTCAGACCTACCCACTGGATTAACTTATTTCAATAAAGATTGTCTCT  
TTTTTTGTTGTTTTATCATCTT  
>GBEQ0786 |Acc|CD470483|Ver|CD470483.1 GI:31391751|LeukoS4\_5\_E08.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_E08\_A026 3', mRNA  
sequence.:Start:1:Stop:513  
CTTTAATTTATTTAATATCCGTTGGTTAGAGCACTGCCGTTTCTGGAGTCCCTCTTAGTTACTGGTATTT  
ATGTGTATTGGGCGTGTGTTTAGTATGTTTATTTGCAGTAAAAAACTGATCTCCAAAGATTTCTTTTT  
GTAAAGTCTTTTCCCCCTCGTTAATTTTACATTCCTTACTGTTTACTAAATATTAAGTGTCTTTTGA  
CAATTTTGGTGCTCAGTTGTGTTGGGGACAAAAGTGAATGAATCTGACATTACATCAGAAAGTTTTAAA  
GTTTGTTTTAACTCACAGATCAAACGTGCCCTTAATAAATTTTTTTTTCATTTAGATTTCAAACAGTAAC  
AGACTTGCCATTTTAAATATACATCATTGGAGATCTGCTTACTTGTAAATAGCCTGTTGCTCATTGGA  
AATAAACTAGTAACAATATTTTCTATTTGACTTTTTCAGATCCATTTTGTCTCATTACTCCTGTTTTAG  
CTGAAGAATTGTATTACATTTGG  
>GBEQ0787 |Acc|CD470469|Ver|CD470469.1 GI:31391737|LeukoS4\_5\_F02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_F02\_A026 3', mRNA  
sequence.:Start:1:Stop:642  
ATGGAAATTTATTTAAATCTTTCAAGGTTGCAGTATTAAGAATATTAGTAATATAATGTATTACTTGGT  
TCATGAATCTTTTGCCTGAGATAAAGTGTTCATGTAGGAGGCCCTTATCCTTTTTGATAGACAGTTTCT  
AATATCTTGAATTCAAAAGAATACTTCAGATATCTCCTATATTAAGTGAATAGCATACATACATAAACAG  
TGTTTCATTGTTTCAAGTATTTTTTGTCTTTCTATTATCTTACTCACTTATTCAAGCTTGTCTTTGATTA  
ATGGAATTGGTGTGATGCTGGAATTTATTTGACCAATGAACACAGCTGACTCAAGGGAGTACAATCT  
CCTGCCAAGTAATAGAACAAAACCAATAAGCATAAAACAAATGCAAGACTCCAGGCTTTAGCTGAGGGA  
AGCAACTACCTGTGTAATAACAAAGCAGCAGAACCTCTTTTCATGTGGCTGCGTAGGCTGTATATTATA  
TCTAATCTCTAATGTAGCTTACTGGTTTGTCTTTTTTAAACAAAGATTGGACATTTTCCTTTGTAAAGA  
AAATAAGTTGTATGAGCTAATGGCCTGACTAATGTTTTGAACAATGCCAAGAAATTGTTAATTAAATA  
AATTATTTTTGT  
>GBEQ0788 |Acc|CD470460|Ver|CD470460.1 GI:31391728|LeukoS4\_5\_B03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_B03\_A026 3', mRNA  
sequence.:Start:1:Stop:546  
CTCCTTGAGAAGTTGTGTGTCAGTGCATACAACCTTTAATACAGTTACATAGTTTAAAGCTGTTACAGAA  
TTAATGCTTTGTGTATGTAAGAGTATCTTCAAGGTGGGTGGATGTTCTCTGTTTGAAGGAATAAGATTA  
TTGGTATTTCCAACAGCGTTTTTTTCTTTTAAATGTTTTTCATCAAGCACCCAGTCAGCTTGAAGAGTCTCAA  
ATGGACCTTATTACTGAGAAATCAAGATGGCAGTCCACTATGGGAATTGAGGAAATGGATTAATACAA  
GAGTGTCTGTGATAATATACAACCAAGACAGGGTTTTTTTAAACATGGATTTCATGACATGAATGAAGATAT  
AGGTTTTTTTACCCAACACAATGGACAGTGGATTGACTTTCTAAAGACTTTTTGTATCATTAAACAAGT  
ACATTTTTTGACATTTGGAGAAGAAAGATGGCAGCTTAACACAGATGATAGTTTGTATGCCTGGAACCTTTT  
TGCAGTTTGATTGTATGAGTATGCCCTTGTGGAATGTTAACTTTAATAAAATTTT  
>GBEQ0789 |Acc|CD470396|Ver|CD470396.1 GI:31391664|LeukoS4\_4\_A08.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A08\_A026 3', mRNA  
sequence.:Start:1:Stop:603

TGCATCACCAGATAGGGCTTTGCTACAGAGGACAAATGATTCAAATAAAGAAAGCTGCAAACTGCAAGCC  
TAGAGGCCAGGATAGAGAAAATGTCAACAGATTGGTTGGCTTGGCTATAGATGAATTTCAAAGACTTTG  
ACACTAAGGCCCACATTTGAGTTGGCTTATGTTTCCCTGGCTAACATGTATGCAGAAATTGGCCACTACA  
GAAAGGCTGAGGACACTTTCCAGAAAGTGTGTACATGAAAATCATTGATGATTGTCTACTGCAAGAGAT  
TCATTACCAGTATGGTCGTTTCCAAGAATTTCACTTGAAATCTGAAGATAAAGCAATTATCCATTATTTA  
AAAGGTCTAAAAGCAGAAAACATGTCTTATACCAGGGAAAACTTCTCAATGCTTTAGAAAAATTGGCTA  
AAAGACGTGTTTCATCAGAATGAATGCGTTGTGGAAAGTTTCAGCCTCCTTGGACTCATCCACAAATTGAA  
AGGCCAAGTGAGTGAAGCCCTGGTGTGCTATGAGAAGGCTCTGAGGCTGGCAGATCACTTGAACACCATG  
TTTGTGAAATAGAGCTCACCACACATGTTAATGTGTCATAACT  
>GBEQ0790 |Acc|CD470395|Ver|CD470395.1 GI:31391663|LeukoS4\_4\_F10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F10\_A026 3', mRNA  
sequence.:Start:1:Stop:564  
ACACCGGCATCAGGGCAAAGGAAAGATGTCAGCCCAGAGACGGGCTGATCTCCAAATTCCTGCAGGGGCT  
GCAGATCCACAGCCCAAGGACGGAGGCCTGCAGATCAGCTCCAGCCCAGCTGTAGACGCCAGGAAGAGA  
CCCTCTATGCTGCCGTGAAGGACACACAGCCTGAGGAGGGGGTGCAGCTGCACCATCAGGCTGCTATATC  
TGAAGCCCCCAGGATGTGACCTACGCCAGCTGAACCACTTGACCCTCAGACGGGAGATGACATCCCCT  
TCTTCCAGTCAAGGAGCCCCAGCAGAGCCAGTGTGTACGCTGCTCTGGCCATCCACTAGCCCAGGA  
AGGACCCGGATGCCACCCTCCATGGAGGGAGACTGCAGGGACCCAGAAGACATAGGAGCTGCCTCCAGA  
GGACACTCAGCTAATGACCCCCAGCCAGCCTGGACTCCTAACATGGACCACCAGGAGCTTCTGGGACTTT  
TGGGGAGTCACCTGATTCTGCAATCAAAGATAACTGATATCCCCACGTTTTTGGAAATAAAGCAACAGACT  
TCTC  
>GBEQ0791 |Acc|CD470393|Ver|CD470393.1 GI:31391661|LeukoS4\_4\_F03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F03\_A026 3', mRNA  
sequence.:Start:1:Stop:518  
TCCAGAACGTGGCTTTTGTCTGCAATTTGCGCAGCATCATCTGCAAGAATGGCCAGAAAACTGCCACCA  
GAGTTCAGGCTGTTTCACATGACCCAGTGCAGTCTCACATCAGGGACGTATCCTAAGTCCGCTACAGG  
GATGCTCAGCCCATACAAGTTCTTCATTGTTGCTGTAACCCCTCAGCAGGGTGACCCCTCCATATC  
TGATTCCTGTCCACTTAGATAGTATTGTTTAAAGTTTCCACCATTTCCTTCCCTCACTTGGCACAGGTTCTC  
TTATAATCTCCTAGGCTTTTTTTTTTTTTTCTTTTATTGATTTTCTGCTTCCATAGAGAAAGAAGGAA  
GATATTGGGAAAATTAGATTCTTTAAGACCCAGACCAGAGTTGGGACAAAAGAAATGGGATCTTTTCT  
GCTTTGGAGCTTTGTGTTTTTGAAGGAAGGCAACAAGGAAGAGGGCAAAGAAAGATCCAGGACTCTGTA  
TTTTTAACCTTGGAACTTCTGCCAAGAT  
>GBEQ0792 |Acc|CD470390|Ver|CD470390.1 GI:31391658|LeukoS4\_4\_C08.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C08\_A026 3', mRNA  
sequence.:Start:1:Stop:629  
TCGTTAACTGGAAAAGTAGCTCCTGAAGAATTTAAAGCCAGCATCAACAGAGTTAACAGTTGTCTTAAGA  
AGAACCTTCCTGTTAATGTCCGTTGGCTACTTTGTGGCTGCCTTTGTTGCTGCTGCACCTTAGGTTGCAG  
TATGTGGCCAGTTATTTGCCTCAGTAAAAGAACACGAAGATCGATTGAGAAGTTATTAGAATGGGAAAAC  
AATAGGTTATACCACAAGCTGTGCTTGCCTGGAGACTGAGCAAAAGGAAATGTGAAACGAATAACATGA  
TGGAATATGTATCCTCATAGAATTTTTACCAAAGACACCGATTTTTCGACCAGATTAGCGTTTACTTTA  
TTTATAGAGACTTTCCAAGTATGTTGCTTTTCCAATGGTGCCTTGGTGGTCTCTCTGGTGGTGACAT  
AACATTGGTTCTACAGAATCGTGTGGTGTTTTTTCTGTTTTTTTTTTAATAACCGCATGTTCTAAGT  
GTGCATTTTTTGTCAAACCTTTGCAACAGTTATTTTCATACAGATGTTAATACTTAAGTTATTGTGCTCTTT  
TCTGTTATGTATTCTGATTTTCAAGGATTACTTTTTTTGTATTATCAAAAAAATACATTGAACTTAGC  
>GBEQ0793 |Acc|CD470388|Ver|CD470388.1 GI:31391656|LeukoS4\_4\_G01.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_G01\_A026 3', mRNA  
sequence.:Start:1:Stop:230  
CCTTTGTGACATATTGTCCTGCTGAAGCGTCAATACCTGCCCCAGTCATTTTTTCCGTCAAACCGTCCCC  
AAGCTGGGAAAAGGTTGGGGAGGGGTGGAAACCGCTTTGCCCTATAATTTGCTGGGGTGTGTTTTTTAA  
TGCCCAACTTGCTTGTACAGTAAACTGCTGTTTTCTGTACTATTTAACTGTAAATGGAATTTTGACTG  
ATTTGTTACAATAATAA  
>GBEQ0794 |Acc|CD470379|Ver|CD470379.1 GI:31391647|LeukoS4\_4\_E04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E04\_A026 3', mRNA  
sequence.:Start:1:Stop:616  
TGTTTCAAATTGGAAGTAATGATATGTATGGCCCAAGAGAAAAAAGGATGTTGTCCCATCAAGGGAG  
GGAGGGGGTGGGAGAAATCAAATAGTATTTTTGTGGGAAATATTTAATATCCCTTCACTTTACCAAT  
CGTCTGGAATTTTAAAGATCAATGTCTGAAAGTGGAGTACATTTTTTGTACCCGAACGTGCTGTTACATG

CACTCCGCCGCTAAGATCTGAATATTTTGTGTTTTTGCAGGGGAGTTGGGAGTGATGGTTTGATTTTGCC  
CACGGGGCCTGTGCCAAGGCAATCAGATTTTTATGAAAGCAGTATTTTCGGTGTTTTCTTTTAAATTTAC  
AGCCTTTCTTATTTTGATATTTTTTAATGTTGGGGATGAATGCCGACTTTCAGACAGCCCACTTAGCCT  
ATCCACATGTATTTGGATGCCAATACTCCATTTTCTCCCAAGGTATTTTGGGAGTAACAAACATTTT  
TTCAGCCTACTTAGCCTCCCTAGATTTTTTGTAGGGAGCTAATGCATGTCCGTGGTTGGGTGCCCTGTA  
GTTCTGTTTATTTGGTCACTGGAAATGAAAAAAAAAAAAAGTCTGCGTTCATTGC  
>GBEQ0795 |Acc|CD470374|Ver|CD470374.1 GI:31391642|LeukoS4\_4\_A10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A10\_A026 3', mRNA  
sequence.:Start:1:Stop:624  
TTGAATACTATCGCTTAACAGTTCGTTTTTCGCCCCCTATTTTCAGGGGTATTGAGATGGCCTGAAGTCAG  
TCTGGCCTTCACAATTTTTTCTGTTGTTTGTCTGTCAGATTAAATAGCAGTATAATACTCTGTTGTTACCA  
TAAATGTAGGTTTATGTCTCATATAAAGAAACCTAGTGGGAGAATAACAGAAGGCCTGGGGAGCCTGAGG  
CTGAGCTCTTGAGGCACTGACAGGTTTGTGAGGGAGCGCTAAATGTATTTGCTTGAAGTGTATCAACC  
CTGATGATCTATGCCCTTTCTCTCCGTTTGGTTAAAATCGTAGGCCAATTTCTCTATACCTACAGT  
TTTCCTAAATAATTTTTGATATGACTCCTCTTCTCCCTGCGCTAAGGACCTCATTCCTTAATAAAGCTTG  
TTATTTTGTCAATTTCTAGTAGGGCCCAAAACAAATGTGTACCAATATAGTTGTTGTTTATATTAACT  
TTATACATATCATTGACTTGGCTTAGAATAGGTTTATGATTTTAGCTACTTAGGTAGGCCATTTGGTTAT  
CGTTTGTGACAGAATAATGTGAAGCTAAAGTAATTGCTAAGCTCTGAATGGAAATAAAATGCTC  
>GBEQ0796 |Acc|CD470369|Ver|CD470369.1 GI:31391637|LeukoS4\_4\_A03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_A03\_A026 3', mRNA  
sequence.:Start:1:Stop:589  
TGTAAGAACAAAATTATTTCCCTTAAGGAAATGAGTCCCTCTGAGAATATCAATGATGAAGGAAATGACA  
TCATATTTCTTTCAGAGAAGTGTTCCAGGACATGATGATAAGATCCAGTTTGAAGTCTTCACTGTATAAAGG  
ATACTTTCTAGCTTGTGAAAAAGAGAATGATCTTTTCAAACCTCATTTTGAAGAAAAGGATGAAAATGGG  
GATAAATCTTGAATGACTTCTGTTTCAAACCCAGAACTAGATATTAAATTCATAGTTGAAACTTTCTGA  
GTTTTTGTCTTTCAAAGATTTTATGAGTTTGAACCTATAACTGTGATGAATAAAATGAATACTGCTCCCA  
AAAGATACCACTAAGAAATGAATAATAAATTTTCAAAAATTTGAATTGACTCCCTCTTATCAGGTGAATA  
AAATATTTGTAAAATGTAGAAAGATGCATAGTTTGAAGAAACATTCTACATTGTTAATTGGAACATAGA  
TTATACTCAGTAGAAGTGTTTTGAATCTTCTAATGATGAAAGATACTGATGTTTGAATTTTCTAATTTCTT  
AAGAATATCATTAAACCGTCAAGATTTT  
>GBEQ0797 |Acc|CD470364|Ver|CD470364.1 GI:31391632|LeukoS4\_4\_C03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C03\_A026 3', mRNA  
sequence.:Start:1:Stop:655  
TGGAAGATCGAAAATTGTGCAATTTGGGATTAAAGGGTACTATGTTCAAGACAATGGCAGTGATGCAGC  
CATGAAGTGGACATCGATGAAACCCAGATTCAGACTTTGATGACAATGGTTCCCTTCTAGGATTCCAGC  
ATGGCTCAGGACAAAATATGGTGAATTTCAAATTCAGTCGGCGACGGGTGAGGTATCTACAGAAGAA  
TGTGAAGTATAAGTCAAAGTCTTGGACATGAGAAGGCAATAAATATGAAAAACAACACATCTTCTT  
ACTGAAGAGTCAGAAAAACATTTTCAAGAAAAGCAAACTTTGAGCAAGGTAGAAAAATTCCTAAAGT  
GGATTAATGAACCAATGAATGAGGAAGCATCGCAGGAGTCAGTTTCTCATGACAATGTGCAAGACACTTG  
TACAAGCAGTGGTTCAGAGGAACAAGAAACGTCTGTTAAAAAAGATGATGACCCACTGGAGACAAGCAAT  
CCAGAACCAGGAAACATGCCATGCCATCTTCAACTGGTGAACCTCGAAAAAGAAACGTGAAGGGGACA  
GTACAGTGGCAGCTGTTACAGATAGGGAGGATTGCGTTACTCAGGATGCACCAGTGTCTTTTTCAGGTAGA  
AACTGAAGCTGAAATTAAGAAAG  
>GBEQ0798 |Acc|CD470360|Ver|CD470360.1 GI:31391628|LeukoS4\_4\_E10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E10\_A026 3', mRNA  
sequence.:Start:1:Stop:589  
GGACCGTGGCAGACATGGCAGCTCAGATCACCCCTGCATAAGTGGGAGGCAAGCGGTGTTGTGGAGCGCCA  
CAAGGCCATAGCTGAAAGACAAGTGTGTGAAGTGGCTCCTCAGACACCTGGAGAACGGGAAGGAGATGCTG  
CAGCGCATAGACTGACCTGACCTGGCAGCGTGATGGGGAGGACCTGACCCAGGACCAACAGCTTGTGG  
AGACCAGGCTGCAGGGGATGGGACCTTCCAGAAGTGGGCGGCTGTGATGGTGCCTTCTGGAGAGAAGCA  
GAGATACATGTGCCGTGTGACGATGAGGGGCTACCCGAGCCCGTCATCCTGAGATGGGAGGTGCCTCTT  
GAGTCCACTATCTCCACTGTTGGCATCGTTGTCTGGCTGTCTTGGTAGTTGTGATCATTGGAGTCTTGG  
TGGCTGGAGGAAGAGTGTCTCAGCAGCGACACTGCCTAGGCTCTCTTGTGTCTGCTGTCTGTGCTTGTGAA  
CACTAAATTTGTGAGACAGCAGCCTGTGGGGGACTGAGTGACAAGATTTGTTACGTCTCAACCCCCATTG  
TGACTTCAAGAACATCTTTCTCAAAAAA  
>GBEQ0799 |Acc|CD470359|Ver|CD470359.1 GI:31391627|LeukoS4\_4\_F12.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F12\_A026 3', mRNA

sequence.:Start:1:Stop:472

TGACCTGCAGAGTGAGGCACAGCAGTCTGGGAGGCCAAGACATCATCCTCTACTGGGGACTTTCCATCTC  
TATTGGCTTGATAGTTTTGGCAATAATAGTGCCCTCCTCGATCCTTTTGGATATGTCTTGCATTATGGTTT  
TGGAGGCGCCGGTCATATCAGAATATCTCATGATCTCTCATGATGTCTCCTTTTCCATTTGGAATAAGGA  
CCCAGAAGCCCAGAAGTTCAAGTTGTGAGGCTGGGAATCAATCTCATCATATTTTATAAAATAATCATCA  
TATTTGATCGAATCAGAGTTACCATAGGTTGTACGATGTTATAATTTATATACCTAGCAGAAAAATAATTA  
AAAACCTCAAATTTATTATTAGACAGTATCAATAGTAGGATCTGCCTAGATTATATACATGTGAGATGTG  
AGAAAGAATGTGTCTGGGAATAAATTAAATACGGTATCCAACCTAAAAAAA

>GBEQ0800 |Acc|CD470357|Ver|CD470357.1 GI:31391625|LeukoS4\_4\_E03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E03\_A026 3', mRNA  
sequence.:Start:1:Stop:612

GCAACGAAGGCAGTCCATATAAGTAATCCTAAAACAGCTGAGTTTCAGGTGGCACGCACTACCCTTCTTC  
CTGGCCTCCTGAAGACCATCGCAGCGAATAGGAAGATGCCCCCTCCTCTGAAACTGTTTGAAATCTCTGA  
CATTGTAGTGAAAGATTCCAGCAGAGATGTAGGTGCAAGAAATTACAGGCATCTCTGTGCTGTTTATTAT  
AACAGAATCCTGGGTTTGAGATAATCCATGGGCTACTGGACAGAATTATGCAGCTGCTTGACGTGCCCTC  
CCGGTGAGAAGAAGGGAGGATATGTGATCAAGGCATCAGAAGGCCCTGCTTTCTTCCCGGGCGATGTGC  
TGAGGTCTTTGCCAGGGGTCAAAGCATTTGGGAAGCTCGGGGTCTTCATCCTGATGTTATCACCAATTT  
GAGCTCACCATGCCCTGCTCCTCCCTGGAAATCAACATCGAGCCCTTTCTGTGAAGATGGGGCTCTGCTT  
TGTGGCTCTCTCCCTGGGTGTGGCTCTCTCCTCCCTGGTGTCTTTAGTCGTCCCAGCAGGGAACATC  
CATTTGTGCTTTAATGTTTAAATAAAGGAGAAACACTGTCTGGCTCTGTGGGT

>GBEQ0801 |Acc|CD470355|Ver|CD470355.1 GI:31391623|LeukoS4\_4\_H09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H09\_A026 3', mRNA  
sequence.:Start:1:Stop:617

GCTCGATGAGCAGATGATAAGCATTGAAACCCCTTCTACACCGTTACTCAGCGTAAATGTGATGACTTG  
TTACAAATCAGCATGCCCTCTAATCCAGACAGTTTCTTAAAAGAAAATAAAGTCTTATTAGTAAAGTTAA  
TGTAATTTCTAAGTTCAAAAAAATGCTGATTCTAGATACCCCATTCACCTTGGGGCCACCAACTGATTTGT  
TGCTTGGATTTCCTTAAAATTTCTCTATTGTAGGCGAGGTTTTTCTTATGAAGAGTATGACAAATATCA  
TCTGGTTACTTCTGGTGATGAAAATTACCTTATGTGTGTGATACACAGGTGGTAGCCAAAGAATCTTCA  
CGTTGGGAAAAGAACTTTTCTTTCAATGTTCAGTTTAAAGTAAATTTTATTCTGGATGTTGAGTCAA  
TGTTATGAGTTGTATTACAGTGTTTACAGATTGAGGTGTCTTGATACAATATTTCTTTGAAAATGAAT  
TTTCTTTTCTTTTGTGATTTTTTAAATGTTCCGCTAGTTATGCTTCATGCATTGTTACACCTTCATCC  
AATCAATGTAATGCTAGTTTACATTTACAGTAAATACATTGCTCCAGTTTAAAAAAA

>GBEQ0802 |Acc|CD470350|Ver|CD470350.1 GI:31391618|LeukoS4\_4\_H05.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H05\_A026 3', mRNA  
sequence.:Start:1:Stop:637

TGGACACTTGCAAGACTGAAGATGGCAAACTGTCCACCCCTTCTGCCAGGCAGAGTCAGAGCTACAGGAG  
ACGCCCATCAGCACCTGCGATTCACTGGCCTCTTTCTTCCCTGCCTGAGCCTTGGATGGTTCTCAGCT  
CCTGGGGTTCATATCTAGCCTGTGTGTGGGCTCTAGTTGGGACAGGAGAGTGAAGTGATGGAGGGGAGT  
TCTGGCTTCTGGAAGAAGCCAGGCATCATAGACAAGCCAGTAGGTCACTGGGTCCGTGGGACCAAT  
TCATCTTTTACGCCAAGCTTTAGCAGAAACAGACTAGACGGAGAGACTCCCGAGCTGTGGTGAATATCTGA  
GTTTCGAGCGGTGGTAAGAAGGAGATTATCCCTGGGAGGGATGGGGCAAACAGTATTTCTGAGGGAAAC  
TGTTACAATAATCCATTCCTCTGCACAGATTTGAGAGTTGAACAATTGAAAAGGCTTCAGGGAAGAGAG  
CTCCTTCCCCTTGTGTTTGGTTTTATTGTTAAGAGGGAAATGCTGCCCAATGGTTGGGCGGGGGGAGC  
TTCTCCCGGTTGCTTGTGTTTCTGTACTTATAAGAAACTTACCATTCAATAAACTTTTATATG  
AGAAAA

>GBEQ0803 |Acc|CD470346|Ver|CD470346.1 GI:31391614|LeukoS4\_4\_D04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_D04\_A026 3', mRNA  
sequence.:Start:1:Stop:494

TCCTCCTGCAGGGGCAATGATCCCACCTCCTCCTAGTCTCCCGGGTCTCCTCGCCNTGGTATGATGCCA  
GCACCTCATATGGGAGGTCCGCCCATGATGCCAATGATGGGTCTCCTCCTCCTGGGATGATGCCAGTGG  
GACCTGCTCCTGGAATGAGGCCACCTATGGGAGGCCACATGCCAATGATGCCCGGGCCCCCAATGATGAG  
ACCACCTGCCCGTCCCATGATGATACCCACTCGTCCAGGAATGACTCGACACAGATAGGAGAGAGAGG  
GGAGCCTCTTTCTATCGTTTATATTACTTGTCTACTTCACCAGGAGATCATGGTGTGCTGTGACTCTGGG  
TGTTTTCTCACAGCCTGACAAGGAAGACTTGTCCCTATCCCATCAAAGAGAGAATCATTTTGGAGGGGA  
GTGGTGGGACAAAAAAGCAGCGGTTTTCAATTTGTATTGTGAAATGTGAAAATAAATTTGTCAGCTCTTT  
TAGT

>GBEQ0804 |Acc|CD470339|Ver|CD470339.1 GI:31391607|LeukoS4\_4\_G06.b1\_A026 Stimulated

peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_G06\_A026 3', mRNA  
sequence.:Start:1:Stop:540  
GGGTCAATGACATCCCCCTCCATCGGCATCCCCCTGCTGTTGTGGTACTCCAGCAAGAGGAAATATGACAC  
TCCCAAAACCAAGAAGAACTGAGTGGAGCTTCCACAGCCCTCCCTTCCCAAGAAATCCAGGTGCTTTCCA  
GACTCCAAAGGGTATCCCAAATGCAGTCGCTTCTCCCTTAGCCCTTGGCCGCCTTCTGGATCCTGCCCTG  
CTGTCAGCCAGACTGAGGGACCAGGCCCTGGGAGTCTGTGAGAGCCTCCGTGGGTCCATCGTGAAGCCATA  
CAAACAGGAACGCCCTTCAGCAACAGCCTTGAGCCTAGAGGGACCTCAGGTGCACCACTGATGCCACAGG  
GTGTATTGTGGCCTGTGAACCTTTTCAGGGGTCCAGGAGGGGGCACTTCAGAGACTACCTGACACCACC  
CCCATTGCCTGCCCTCCCTGTGAGAAGAGGGTGAAGATAAAATGAAAGCTGTGGGACTCTTGGAGGCT  
ACGCACTCTCTGTTCTGGGTAGGGAAGCGCTTACCAAAAGGGGTTTCT  
>GBEQ0805 |Acc|CD470336|Ver|CD470336.1 GI:31391604|LeukoS4\_4\_B07.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_B07\_A026 3', mRNA  
sequence.:Start:1:Stop:597  
AGGAGCCAAAATAAACTGAACCTTGGCCCCAGGTCCCAAGTTCCCCATGACACTCCACACATCTGTACG  
CTTCTCGGATCAACTCCCTGGTGTATGTTTTTCCACATCCACCTGTGAAATGGACAAGGAAATGAGGCTT  
CCCAGCACGTAGCCTGCTCTGCAGGGCACAGGCCCAGAACAGAGAGCTGTTGGATAGAGCTTTCCTCTC  
TGGTGTAGCAGACGAAATGGATAATGCAGGCCCGTGAGTCCAGACCTTCAGGTGTCTTGCTCCTTGCGG  
GGAATGGATAATAAAGCCAAAGCAAGAAAGCCAGGACGTCTAACACCTATCTCAGGCAGCTGACCACCA  
GCCACAAAGTCTGGAACAGTTTACATTTTGGCTGCCTATACTCAGTTCTGAGAAGTATCCTGATTGCAT  
GCAGACGTGATCAAGGCTCTGTGCCTCAGTTTCTCTCTGATGGGCGCTGAAGGGTGAATTCCTTTATT  
ATGTGTAACAACTCTCAGATTATTGTATAAAGAAGCTAATAGAGTCACTACTTTATTGCAAAACCCA  
GAAACTAAGCGTTAATAAACTGAAACTTGAAAAAAA  
>GBEQ0806 |Acc|CD470334|Ver|CD470334.1 GI:31391602|LeukoS4\_4\_B10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_B10\_A026 3', mRNA  
sequence.:Start:1:Stop:454  
CATTTTTGTGATTTGCCAGCTTGGCAATTTTTCCATCCACATGGCCCTGCGGGACCTGCGGCCAGTTGGG  
TCCAAGACCAGGGAGATCCCATACCCCCCAAGAACCCCTTACGTGGTTTTTCTGCTGGTGTCTTGCC  
CCAATTACACTTATGAGGTGGGGTCTGGATCGCCTTTGCCATCATGACTCAGTGTTCCTCAGTGGCCCT  
TTTTTCCCTGGTGGGCTTCAACCAGATGACCATTGGGGCCAGGGGCAAGCCCCGAGTTACCTGAAGGAG  
TTCCGGGATTACCCGCCCTGGGCATGCCATCATCCCTTCTGTGTTTGGAGCTGTTGCGCTGCTGTG  
GCTGGCCACCCCGGGCTTGGCCCACTGCCGTGTCTTTGGGGAGGACAGGGGGCCCCCGCCTCCAGT  
GCTGGAATAAATGTTGCCCGCCTGGGGCACTGG  
>GBEQ0807 |Acc|CD470328|Ver|CD470328.1 GI:31391596|LeukoS4\_4\_E09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E09\_A026 3', mRNA  
sequence.:Start:1:Stop:601  
CATTAGGCAGAATCCTTGACAAAAACAGAGGGCTATTTTGCATAGTGCTATTAGGCAGAAATTTCTTTT  
TTTTGGTAACTGTAGGAAAAACAGTGAATATTTGTAAAGCCAAATCTTGAGTATAAAGAACTCTGTCA  
CTTGGTATCTGAAGAAGAGCTTTTGAATTTTAAATATTTGGACGCAAGAAAGAAATTTCCAGATTT  
ACCTTTAAACCTGACACAAACAAAGACCACAGAAAAGCTGTCCACCATTTGTCAACAAAAAGTTTGGA  
ACCTTTGTGGAACCAATCTTTTCTGGACTGAATTACAATGCTAGTAATCCAAATGTAGTGATAACAGT  
AAGATTTGCGGAAAAAGTGCACAAACACAGGAAAAAGATCTCTTGTGTAATGCCGGAAGGAAAAAGTTATA  
CATACAGCCTTTACCTACGAAAAGAAAACCTGGAATGTTTGAAGCAGTTGGTTTTTTAGCTATCAAAAC  
TGGGTGTGATTCTTCGATTTTAGTTACGCAGGACTTAAAGACAGGAAAGCGATCACCTATCAAGCAAT  
GGTGGTTAGAAAAGTGACTCCAGAGAGGTTGAAAAATATTG  
>GBEQ0808 |Acc|CD470326|Ver|CD470326.1 GI:31391594|LeukoS4\_4\_C01.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_C01\_A026 3', mRNA  
sequence.:Start:1:Stop:313  
GTGGTGGAGAGACAGGATTTGGCCAGAAATGAGAGACAGACATTCCGTAATCCAGGAGGTTCAAAGAGAAGC  
CAAGCCAGTTTTGTTGTGATTTGATTTTTTAAACCTTTTGTACAAAAGTGATCTAATTCTTCACTCCAA  
GGGCTGGGTTGTGGGTGGGAACTGGGATTTCCGGCCACTGAATTTTCCCAAACTTGTTCCTCCCTTAC  
TTTCCCTTTATTTTCCCTTCTCTAGATTCCCTCAGATCTGTAAACAGCTTTCTCTTTTTTCTTTCTCT  
CTCTTTTAAACATGACTTATAACTTTGAACCC  
>GBEQ0809 |Acc|CD470241|Ver|CD470241.1 GI:31391509|LeukoS4\_3\_E11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_E11\_A026 3', mRNA  
sequence.:Start:1:Stop:598  
AGGTTTTAGTGACAAGCGGGCCGTTCCATGGACATAGATGACTTCATCAGATTGCTACATGGATTCAAT  
GCAGAAGGTATCCATTTTTCTTAGGTATCTGGAAAACAGAATGTTTCAAACCTCAAGTCAAGAACTGGAA



TTGTATATTTTAAATAATTTGAGAAGATGAACTGTGCTTTTGTGTCTACTAGGACACTATGTGCTCGACT  
ATTTTGTACTTATACTACTGCTGTCAACCAATTTATTACTCTAAATTTTCAGGGTAGTAAGTCAGTCAGTTC  
TAAGTACTCAGCGTTTTTTTTTGGTTTTGGTTTTGTTTTAATATCAAATATACGGCAGGGTCCAATCTAT  
ACCTGATAATCTTCAAGAGCCGACAGACACGCACAACCTTACACTTAAACTTATCATTTCTAACAGTTTAT  
TGTATAAAGATGTTACTCTTCCATTTTCTATTATATATTACTGTGAGCTTCTTTAGGCCTTCAGCTCTTT  
AGGCCCTTTGTCCCTCAAGTGGTGAAGAAAGCTAAATATGCTTAACCTTAGTCACATATCCCTATACCAAT  
TCTTGTATTATCATGTGTACAGTAAACAACCTGTTTCTC  
>GBEQ0810 |Acc|CD470231|Ver|CD470231.1 GI:31391499|LeukoS4\_3\_B05.b1 A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_B05\_A026 3', mRNA  
sequence.:Start:1:Stop:307  
CATGGCGTCGGCCGACGACGGCAGCTTACAGTCCCGACTAGTGATGCGGACCCAGGGCAGCCTGAGGCTG  
ATCCTCAACACCAAGCTGTGGGCGCAGATGCAGTTGTGCCGCCACCCCGGGTCGGCCAGTGGGGGAGCC  
TGGGCCACCGGAAGACAGGACCCCGGAGATCCGGTCACAGCTCTTGTCTCAAGCCTTAGCCA  
GCTAGTGACAAGTAAACAGATAACGCCCATGTGTTTTGAAACATTTATGTAAGATTGTCATATGAAAT  
GTATTTGGGAACCACATTAACCTTTT  
>GBEQ0811 |Acc|CD470201|Ver|CD470201.1 GI:31391469|LeukoS4\_3\_A12.b1 A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_A12\_A026 3', mRNA  
sequence.:Start:1:Stop:647  
CCATCCACAATGTTAAAAAAGAACTTGCATTTCTATACCTTACAGGAAAAAATCTGTTTATGTTCCA  
TTGTATGCAGGAGCATATTTTGTGGTTTTGAAAGAGCATAGAGTTTTCTGGCAATTTTCTTTGTTCTTT  
TTACAGCATTTGTCTTTGCTGTACTCTTGTGATGGCTGCTAGATTTTAATTTATTTGTTTCCCTACTTGA  
TAACATTAGTGATTCTGATTTTCACTTTTTCATTTGTTTTGCTTTTGTCTTTTCTCATGTAACATTGGT  
GAAGGATCCAGGAATATGACACAAAGGTGGAATAAACATTAATTTTGTGCATTCTTTGGTAATTTTTTGT  
TTTTTTGTAACATAACGCTTTTGTACAAATTTATGCATTTTCAATCAATCAGTGATCTATGTTTGTGTG  
ATTTCCATAACATAATTTGTGGATTATAAAAAATGTAACATCATATAATTACATTCCTAATTAGAATTAGTAT  
GTCGTGTTTTGTATCTTTATGCTGTATTTAACACTTTGTATTACTTAGGTTATTTTGTCTTTGGTTAAAA  
AATGGCTCAAGTAGAAAAGCGGTCCCATTCATATTAAGACAGTGTAACAACTGTAAATAAAATGTGTAC  
AGTGAATGTCAAAAAA  
>GBEQ0812 |Acc|CD470198|Ver|CD470198.1 GI:31391466|LeukoS4\_3\_H08.b1 A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H08\_A026 3', mRNA  
sequence.:Start:1:Stop:615  
AAGCTACGTGGCCAACAGAGACGGTGCTCGGTGGGGAGACCGCCGGCTGACTCAGACCCAGAGAGGAGA  
GAAATTCGCCTTAACAGTTGCTGGCAGTGGCTTTGCCACCTGGTCTGAAACGGCTCGTTCTGTTCCAC  
CCTCGTCATGGAATCTCACTGTGGCCCGAGTGGGACAAAGGTCTGAGTCCAGATTGGACGAGAGACTC  
TTTCAGGGTTAACTTCAGGGGTCCCCAAGCGACAAGGACGCGAGGGAGAGAGGCAAGGGGTGCAGGATG  
GGATTTAGGGGAGAACTGGGAGCAGCTTCTCACTTTGAGGACAGTTCTCTGCCGCCAGCGAGGACCTGG  
CCGTGTGCGGAGCGGACGGCCCTCCTGGGACCAGAGCATCTGCGGGTCTCATCCTAGGCTGCGGCC  
ACGCATTCAAAAGGATTTTTTTTTTCTCAAAGAAAGATGAGATTGGCTTGGTTCTTCATGAGCATT  
TATATTGTTTTGTTCTTTTTTCTGGCTCATTTTCAATTTGGGGGAGGAGGTCTGTGCTGTATTGGGGTT  
GCAACGAACATCTGCACTCAAACAGTTTACAGAAATAAATGTTGTTTTGTTTTT  
>GBEQ0813 |Acc|CD470191|Ver|CD470191.1 GI:31391459|LeukoS4\_3\_C12.b1 A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_C12\_A026 3', mRNA  
sequence.:Start:1:Stop:493  
GCACTTTGCACTCTGATGACCTCAAAGCACTTTTCATGGCTGCCCTCCAGGAGGGCAGGTCCGCGGCTCTG  
CATGAGCACAAGCAGGTCAAGGATGGGGTGAAGGGACTTGTCTCAACCTGTCTCCACACGTGTGACTCC  
CAAATCTCCAGTTTTCTCTTAGATGAGTCCCCCATCCCCATTGCCCTGCCAGCCTCCTCTTTGGAG  
GGAGCTGATCAGGACTCATGTAGCATTAACTCAACTGTGAATCATTGGGGAGGGAGGGGCTGGTAGCCTC  
AGCTCCTGGGGGTGGGGAGTGTCCCTTGAGATTCTCCTTGGGAGAAGCTCATCTCCACGTCTGTCCAG  
CTGTTACATGGAGCCAGTGCTCCCCAGGGAGAGACCCAGCCCCAGGATGGAGGAACTTTGTATTAC  
AAGCAGCCTTGGTGTACAGAGTTCAAGCTGTAGAGAACCCTTTGCAACAATAAAGTTTGGTGACATGTT  
TTT  
>GBEQ0814 |Acc|CD470190|Ver|CD470190.1 GI:31391458|LeukoS4\_3\_H04.b1 A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H04\_A026 3', mRNA  
sequence.:Start:1:Stop:329  
AGAAGGCATATATATTACTGAGGAAATACCAATACAGGGTTGCTGTGCTCAGCACTGGATTTTGTGTAAGTC  
AATCCTTGGGTGGCTGCTTCAGAGGAAGAGGCCAAGGTTACGGCTGTCTAGCAGTGGATGTGATTGCTT  
CAAGTTTTGGTCAGACAAGGGAGGGGGAGGGCCACTGTTTATGACCAATTTCTACTCCCCAGATGAAT

CACAAAGTGAAGAACTTGTGAGGATTTAGGAAATACTGTGTGCTGACACGTGTGTCACAATGACCATTCC  
 AGAGTTAAGAGGTATTTGAGGGGACAGATATTAATGGTTGTCTGGGTC  
 >GBEQ0815 |Acc|CD470189|Ver|CD470189.1 GI:31391457|LeukoS4\_3\_A01.b1\_A026 Stimulated  
 peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_A01\_A026 3', mRNA  
 sequence.:Start:1:Stop:536  
 AAGACTTTTGAAGAGCGAGAGAAGGACAGCAGCAGCGAGAAGGAAGGCAGTGAGGACGAGCGCTCAGGCA  
 GTGAGAGTGAACGGGAGGAAGGTGACAGGGACGAGGCGAGTGACAAGAGTGGGAGCGGTGAGGATGAGAC  
 CAGTGAGGATGAGGCCCCGGCTGCCCGGGACAAAGAGGAGATTTTCGGCAGTGACGCGGATTTCGGAGGAC  
 GACGCTGACTCTGATGAGGAGGACAGAGGCCGGGCCATGGCAGTGACGATTTCAGACAGCGCGAGTGATG  
 GCGGTGGCCAGCGCAGCCGACGCGCCAGTCCCTTCCCCAGTGGCAGTGAGCACTCAGCCCAGGATGGCAG  
 TGAAGCTGCAGCTTCTGATTCCAGTGAAGCCGACAGTGACAGTGAAGTCCCAGGGCCTTCAGGACTG  
 GCACAGACACGATGATGACGTGCAGGAAGGCGCTTTCCAGTGTCTATTTGCAGGCCCTCGCTTTGTC  
 GTTCCCTTCCCCCTCCTCCAAACCTTCGCTGTTAATAAAGCCGACT  
 >GBEQ0816 |Acc|CD470185|Ver|CD470185.1 GI:31391453|LeukoS4\_3\_D10.b1\_A026 Stimulated  
 peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_D10\_A026 3', mRNA  
 sequence.:Start:1:Stop:541  
 AACTCATCCCTAGATATTGTCTCCACGATACTTATTATGTAGTAGCACATTTCCATTATGTCCTGTCCA  
 TAGGAGCAGTCTTTCGCAATTATAGGGGATTTGTACACTGATTCCCTCTATTCTCAGGATACACACTCAA  
 CCAAACCTGAGCAAAAAATCCACTTTACAATTATATTCGTAGGGGTAAATATAACCTTCTTCCACAACAT  
 TTCTTGGCCTCTCAGGAATGCCACGACGCTATTCTGATTATCCAGACGCATATACAACATGAAACACCA  
 TCTCATCCATAGGATCTTTTATCTCACTTACAGCAGTGATACTAATAATTTTCATAATTTGAGAAGCATT  
 CGCATCCAAACGAGAAGTGTCTACAGTGAATTAACCTCAACTAATCTGAAATGACTACACGGATGCCCC  
 CCACCATACCACACATTTGAAGAACCCACCTACGTAAACCTAAAAATAAGAAAGGAAGGAATCGAACCCCC  
 TCTAACTGGTTTTCAAGCCAATATCATAACCACTATGTCTTTCTCCATCAAT  
 >GBEQ0817 |Acc|CD470175|Ver|CD470175.1 GI:31391443|LeukoS4\_3\_F03.b1\_A026 Stimulated  
 peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_F03\_A026 3', mRNA  
 sequence.:Start:1:Stop:527  
 AGGTGAGACTGAGCATATTTTGCTTCTGGTAGAGCCAGCCTGGGGCCAGTGAAGCTGCCTGCTGTTTCT  
 CTAGAGCTGGCCTCTCTTGAACAATTTGCACAGAATCAGAGACAAAATATTTCCCATTGTGCTAGAGAA  
 CTCCTGGCAGCCCCAAAGGACTTTGCAGATCCCTAGAGGTCCTCTGGAGCCCTAACCCCTCCAAACTAC  
 CCTTAGAGTCTTCATCACCTCTTCTCTATGATCCACCAACTCTGACAGAAAGTGATACTCTGCCAGCCT  
 AGAACACTAACTCCCCAGCCCCACTGCCAGCAGCACCAGGTGACTGAACAGGGCATCCTGCCGGCCCT  
 CCTGAATGGCGTAGCTCAGGAGGGTGCCAGAGGCTTCTGTGATGAGCTGACTGGCAGCCCCCAGCTCTGA  
 GAAGCTTTTAGCTCCAGGGAATGAAGCCTTCACAGCGAGGGCAGCTGCTATTTATTTTCTAAAGAGAGT  
 ATTTTACACAAACCTGCAATAAAAGGCTTGAAGCTC  
 >GBEQ0818 |Acc|CD470087|Ver|CD470087.1 GI:31391355|LeukoS4\_1\_A03.b1\_A026 Stimulated  
 peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A03\_A026 3', mRNA  
 sequence.:Start:1:Stop:452  
 GGGTCATGGATAGTGGCTATCGGAACAATTTTAGCATTGAAGAGGCCTACGACCTGGGCCGCGAGGGTTAT  
 TGTTTATGCCACCCACCGAGACAGCTATTTTGGAGGGGTCGTCAATATGTACCACATGAAGGAAGATGGT  
 TGGGTGAAGGTGGAAGGTACAGACGTCAAGTACCTGCTGCACCACTATTTGGGAGGCCAGTCACTAACAGT  
 GGTGGCGGCTGGGCTGGCCTTTTTTGGGAAAGCCCACTGACTCAGGGACCTGGGCCAGCTTAGGCCCCAG  
 GAGAAAGAGGGGCCAACCCTGAGCCCCAGAGAGAGAGAACCAGGGGCCAGTGGGGGCGAGGCAGAGTTTAT  
 CCTTTTGCATGTTTTNTGTTTCATTTCCGCCCCCCCCCCCCCAACCTCTTGGGTGCCCCATTACAGCGCA  
 ATAAAGGAAAACGGTTATAAACGCTAAAAAAA  
 >GBEQ0819 |Acc|CD470075|Ver|CD470075.1 GI:31391343|LeukoS4\_1\_F12.b1\_A026 Stimulated  
 peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F12\_A026 3', mRNA  
 sequence.:Start:1:Stop:583  
 GAAAGGGATATATCATTCAGAAAAGAGAAATGAAACCAAGCCTCGAAGTGGATAAACCGACTCAAGGCAT  
 ACTCAGTATGAGGAATTTTATCCTTTCTTGTTCCTCAACATTACAAATGTCCATATATAGAGTTTGAA  
 TCATTTGACAAGGCCGCTGAATTTTATTCAGATAGAAGGTGAGAAAATAGATTTTAAAGCTTTAC  
 AACAGGAAAAACAAGCATTGAAGAAGTTAGATAATGTCCGAAAGGATCATGAAGACAGATTAGAAGCTCT  
 TCAACAGGCTCAGGAAATAGACAACTTAAAGGAGAGCTCATAGAAATGAACCTGCAATAGTTGACAGA  
 GCCATTCAAGTTGTTTCAAGTGTCTTAGCCAACCAAGATAGATTGGACAGAAATCGGGTTAATTGTGAAAG  
 AAGCCCAAGCTCAAGGAGCCCTGTTGCAATGCAATCAAAGAATTAACCTGCAACCAATCATGTTTAC  
 AATGCTGCTAAGAAATCCATACTTGTATCAGAGGAGGAAGATGACGATGTTGATGGTGACATCAGTGT  
 GAGAAAAATGAAACTGAACCCCC



>GBEQ0820 |Acc|CD470073|Ver|CD470073.1 GI:31391341|LeukoS4\_1\_E03.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E03\_A026 3', mRNA sequence.:Start:1:Stop:455  
TCGTACGGCCCGGAAGCTCAGCAGCCACCGACGAGATCAGAAGTGGCAGCATAAGCAGTACAAGAAAGCC  
CATCTGGGCACAGCCCTGAAGGCCAACCCCTTTCGGAGGCGCTTCCCATGCGAAGGGAATTGTGCTGGAAA  
AAGTAGGAGTTGAAGCCAAACAGCCAAATTCTGCCATCAGGAAGTGTGTCAGGGTGCAGCTGATCAAGAA  
CGGCAAAAAAATCACAGCCTTTGTGCCAATGATGGTTGCTTGAATTTTCATTGAGGAAAACGACGAAGTT  
CTGGTTGCTGGATTTGGTCGCAAGGTCATGCTGTTGGTGACATTCTGGAGTCCGCTTTAAGGTTGTCA  
AAGTAGCCAATGTCTCTCTTTTGGCCCTTATACAAAAGGCAGGAAGGAAAGACCAAGATCATAAGTTTGGAT  
GGTGAAGCGTGGTAGTAATAAATTTTCATATGCC  
>GBEQ0821 |Acc|CD470065|Ver|CD470065.1 GI:31391333|LeukoS4\_1\_B11.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_B11\_A026 3', mRNA sequence.:Start:1:Stop:523  
TATGATACTCACTAGAAAACTGAAGTCAGCGGGACACGCCAAGAAGAACAGCTACTAAGTTTAAATTTAT  
TAGCAAAAACCTAAAGGATTTAAACTAATTGAAATGGTAATTGATTGGATCGAATTTTTTTTTTAAATTTT  
TCATTAAGGTAGAGGTTTAAAAAATATCTTTCCAATAAAAAGAGCAGAAATGGCAAAGTTATTTAAACAA  
GGAGTTATTTTTATGACATTCTAATACCAAAAATAATATGAATATTTTCTTAACACTAGAGAAACAGCTT  
TACTAATATTCTGACAACTTCAGTAAATATAATACCATCACTGACACTTAGCATTATTAAGTAGCTTCTA  
GAAACTACCTGCTACTTGGGTTACTGAACATTTTCCATAGTGAGAAAAACAGGTTAAATATGATTACGCA  
GTTGCACAGCATAACTGTTAACAGGAAAATGATTTCAAATGTTTCGGAATTACCTGCTTGTATTTGTGTGT  
ACAACAAAAGTTTACATTAAGTCTGAATCCC  
>GBEQ0822 |Acc|CD470047|Ver|CD470047.1 GI:31391315|LeukoS4\_1\_A05.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A05\_A026 3', mRNA sequence.:Start:1:Stop:570  
ATGATCCAGCTTCCCCCAACGCCCGCCAGTCTCTAGAAGCCACCTATGGAGAGTACCCACTGACAGCGAT  
GACCCCTCACTCCTGGGGGCAATTCGGTGATCGTGGGGAACACTCATGGGCAGCTGGCAGAAATTGACCTT  
CGGCAAGGGCGCCTACTGGGCTGTCTGAAGGGGCTGGCGGGCAGTGTCCGAGGGTTGCAGTGCCACCCCTT  
CAAAGCCCCCTCCTAGCCTCCTGTGGCTTGGACAGAGTCTTGAAGGTACACAGGATCCGGAACCCACGGGG  
CCTGGAGCATAAGGTTTATCTCAAGTCTCAACTGAAGTCCCTCCTCTGTGAGGCAGGATAACTGGGAG  
GATGAGCCCCAAGAGCCTCAAGAGCCCCAAGAAGGTGCCCCCAGAAGACACTGAGACAAATGAAGTTTGGG  
CATCCTTGGAGGCAGCTGCCAAGCGGAGGCTCCCTGATTTGGAGCAGACCCAAGGGGTTCTCCAAACCAA  
ACGGAGAAAGAAGAAGCGGCCTGGGTCCACTAGCCCCCTGAAGAGCCTGTGCTCACTTTGTAAATAAAAAG  
CTACCCCCC  
>GBEQ0823 |Acc|CD470034|Ver|CD470034.1 GI:31391302|LeukoS4\_1\_E12.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E12\_A026 3', mRNA sequence.:Start:1:Stop:221  
GGACCAAAACCCTTTGATCAGTATTAGGTTGGGGGGAGGTAGACACCAAAACCCCTGTCCCCACCACCCC  
CGCCCCCATGCAGGCGAGCAGTCATGACTAACTCTCTGGTAATGAGGGCCTGGAGAGGACCCACCTTGG  
CTTCCAGCCCCCTGCCGCCCCCGTCCCTGCCACCCCACTATTTCTTAGGTGAGTTTTTTGCAAATAAA  
ATGTGTTTTGC  
>GBEQ0824 |Acc|CD470030|Ver|CD470030.1 GI:31391298|LeukoS4\_1\_F07.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F07\_A026 3', mRNA sequence.:Start:1:Stop:646  
CCCATTACCATGTAATGGCCGTTATATTTGCAGTTCACGTTAAAGAAGACCTGAGAATGTATCCCCAA  
AAGCGTGAGCTTAAATACAAAGGCTGCCATATTTTTTTTCGTTGACGTTTGTCCAGTGAAGGCTCTGGGA  
AAAAAAGTGCTGGCTGTAAATGTCTTCTATGTATCTAAATATGGATTGCTTAGAAAACTAGAATCTCCA  
TTAAAGGTATTTTTTACTAATTGGGCCAAGTGTAAAATTATATGCCACATTTAAATCAGGTATATTTTC  
CTATATTATGGTTTGTCCCTTTATAAATCAAATAGACGTGAGGGAAGAAGACACTATCAGTATGAATTAC  
CCAGTTTACTTGAAATTTGATTTTTCTTTACAAAACACAAGCTCATTCATTAGGATCATATGGAACAATTT  
GGCAATTTTTGTGGTTTTTGGAGATTATCGTTCTCTTAAAGTGCCAGTGTTTTTAAATAGCGTTCTTGTA  
TTTTACACGCTTTTGTGATGGAGTGTTGTTTGTATATAATTTGACTTGGATTCTTTCCATTTGCATT  
TGTTGATGTAATTTCAGGAGGAATACTGAACATCTGAGTCTGGATGATACTAATAAATAATAATTGCA  
GAGGTTTTTAAAAAAA  
>GBEQ0825 |Acc|CD470023|Ver|CD470023.1 GI:31391291|LeukoS4\_1\_A04.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_A04\_A026 3', mRNA sequence.:Start:1:Stop:635  
GAGCCAGTCAGTGTGCCACTACCTGGAAGGGGACTCCTCAGAAGTGGGGGACCAGAGCACCAGCAAGG

TAGCTAAGCAGAAGGCAGAGAAAAGCTCTCCAAGAGCACCTGCCAAGGCCAGGCCAACTAAAGGAGCCCA  
GAGAGCTCAGGACTCGCCATCAGACTTTGGGAAGGTGACTCAGATGTGTTTTGCTGTGTTCTTTGCTTT  
GCCCTGAGCTACATCCCTTCTTAGTGCTCAACATCCTGGATGCCAACACCCAGGCCCCCCGGGTTGTCC  
ATATGCTTGCTGCCAGCCTCACTTGGCTCAATGGTTGCATCAACCCTGTGCTCTATGCAGCCATGAACCG  
CCAGTTCGCCCAAGCCTATGGCTCCCTCCTAAAAAGAGGGCCCCAGAGTTTCCGTCGGTTCCATTAGAAC  
TGTGTCCCCAGTCACCAGAATCTGGGACTGTCTCTCCAGAACTCAAGCAGCCAGCTCTTGTGGGAGTAC  
ATGAAATGTCTGTGGACATTTTACAGACAACCTTCCAGTAACCCCCAAACCAGGCATCTCCATCCCCTG  
CTCAATGTTTTAGCCTTAGGCTGCCCAAGGCGCATTACTAATTATTAATAAATGAATTTCTCTTTTAA  
AAAAA

>GBEQ0826 |Acc|CD470021|Ver|CD470021.1 GI:31391289|LeukoS4\_1\_H10.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_H10\_A026 3', mRNA  
sequence.:Start:1:Stop:505

GAGCAAGCGGGCAGCCCCCTCGGAGCATGGCCCAAGGAAGAGCTACAGCCTGGGAAGCATCTACACACGCC  
TATACGGGAAGGCCCCCGGACTCACACACAGCCGAGGGTGACGTGCTAGCTCTGCTCAGCATCTGTCA  
GTGGAGGCCACGGGCCCTGCTGCAGTGGGTGGATGCTCACGCCAGGCCCTTCAGCACCGTCAAGCCGATG  
TATGGGGTCAACGCCTCTACTGGAACCAACCTAAGGCCATCTGCTGCCACAGCCACTGTACCCCTGGCCA  
GAGCCAGGGACACCAGTCCCACCTTGATGGGGGCGAGGAGGTCCAAGGCCCTTCTCCAATGAAAGGCCT  
TGGAGCCCCACCTGGAGAGGGACTGTTGGCTCCACTGGGCCTTCTGGCCTTCTGACCTTGGCAGTAGCC  
ACACTGTATGGGCTGTCTGTGTCACACCTGGGCGAGTAGGCCGGGAAGGAAAGTCTGGCTAATAAAGCTC  
CCCCCAGCAAAAAA

>GBEQ0827 |Acc|CD469940|Ver|CD469940.1 GI:31391208|LeukoS4\_2\_E11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E11\_A026 3', mRNA  
sequence.:Start:1:Stop:488

GCAAGAGCAACTGGCACAAGGGCTGGGACTGGACCTCAGGGTCTAACAAGTGTCCAGCTGAGGCCACCTG  
CCGCACATTTGAGTCTACTTCCCCACGCCTGCTGCCCTGTGTGAGGAACCTTGGAGTCACTCCTACAAG  
GTCAGCAACTACAGCCGAGGGAGTGGCCGCTGCATCCAGATGTGGTTTCGACCCGGCCCAAGGCCAACCCCA  
ACGAGGAGGTGGCGAGGTTCTATGCCTTGGCCATGACTGCTGGGGCCATGTCCCATGGGATGGGGCCTCT  
CCTGCTCAGCCTGGCCCTGATGCCGCGAGCTCTGGCTCCTTGGCTGAGCCCAGCCCTCCACAGACATCCCC  
TCTGCCTGTCCCCAGCTTTGATGACCAGGCTAGGCTCAGCTCAGCTCCTAAGCATGCCTTCATCCACTAC  
CCATCCCTCTGTCTCAGTTCTTGCTCCATGGCGGGGTTTCGGGGGTTCTCTGACAGCCAGTTCCAAT

>GBEQ0828 |Acc|CD469935|Ver|CD469935.1 GI:31391203|LeukoS4\_2\_A07.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A07\_A026 3', mRNA  
sequence.:Start:1:Stop:563

TTGAGAAATTATATGTTTACATGGAGGATGCACATGAATTTGATCTCCTCAAAATAAAGTCAGAACTTGG  
ATTAAATTTCTATCAGCAAGTGAAACTGGTCAATTTTATTTCGAGGCAGATTACACAGTGTAGATGTTAT  
GGCTGCCATGTGAAGTTCAAATCCAAAGCAGACTTAAGGACTCACATGGAAGAAGCTAAACATATATCAC  
TGCTTCTGAAAGAAAGACATGGGATCAACCAGAGTATTATTTTCCAACCTATGAGAATGACACTCTACT  
GTGTACACTGTCTGACAGTGAAGTGACCTAACAGCTCAGGAACAAAATGGAAGTGTACCGTCATCAGT  
GAAGACACATCTAAACTGCATGCTTTGAAACAAAGCAGTATTTTGAACCAGTTGCTACTACATGAGTGCT  
TGAAAAACTAGAAGAACTGCCACAGAAGCAATTTTTTTCATGTTTTCTCCTATGTGATAAACATGAAAGAA  
TAGTTTTAAGCTGAACATCAGCAAAGGATTAGTCCTTGGTGAAATAAAATTTTAAAAATGGATATTCTT  
TTC

>GBEQ0829 |Acc|CD469934|Ver|CD469934.1 GI:31391202|LeukoS4\_2\_B09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B09\_A026 3', mRNA  
sequence.:Start:1:Stop:567

AGGGACTAGAGTCCACCTTTGGGTTACCTTCCTTGGGCTCTGAGAGGAGGCTTTACACCCAAAGGGGGAT  
TTGAGAGTTTGGATTGATGATGACAGAAAACAGAGCTGGGATGAGACTGTAAAGGATGACAACTGGCTTTTA  
TCACCCCCCGCTCTGGGCCAAGGCCTGTGCTAGTCAGGAAACTGCAGTTTTGGCCACAATCAATTGTGA  
CCTCTGCCAGTCAATTTTACTTCTTAGAGCATCATGTGTAAAGTAGGGGTAATGACTCCACCTACCAGT  
GCTGTGCGGCTCAAATGAGCCATAGAGTATGAACCTTCCAAACCGCCCGTGTGCACACACAGGCCT  
CTGAGACCCCCGTTGAGCTCCGCTGTGCTGACACAGGTGCCGAGACAGTGTGCTCCCGTGGGAGGG  
TACTGATCACCTGTTCTCTTTCAGATTGAATCTGTACAAATTTCTTTATTGATACAGCAAATGGCTTGC  
AGATATTTTCAAATGACGGCAATTTTCTAATATGTGGTTTGTTTTAAATAAATATGAATACTGTCCCTTT  
TAAAAA

>GBEQ0830 |Acc|CD469915|Ver|CD469915.1 GI:31391183|LeukoS4\_2\_H09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H09\_A026 3', mRNA  
sequence.:Start:1:Stop:626

CAGGGACAACAGTCAGCCCTGCTTGCAAAGGATCCACCAGGGCCTGGTTTTTTACGAGAAGCTGCTGGGC  
TCAGACATTTTACAGGGGAGCCTTCTCTACTCCCCAATGGCCCTGTGGACCAGCTTCACGCCTCCCTCC  
TGGGCCTCAGGCAACTCTTGACGCCTGAGGGTCACCACTGGGAGACTGAGCAGATTCCAAGCCCCAGTCC  
CAGCCAGCCGTGGCAGCGCCTCCTTCTCCGCCCCAAGATCCTTCGCAGCCTCCAGGCCCTTGTGGCTGTA  
GCTGCCCCGGGTCTTTGCCCATGGAGCAGCAACCCTGACCCCTTAAAGCCAGCAGCTTTAAGGATGGCACC  
CACATCTATGGCTCAGCAATGCTAAGATGAATCTATCAGCCAGGCACCTACGAGCCAACAAGTTAATTT  
GTCCATTAATTCTAATGGGACTTGCAATATGTTGAAAAATTACCAGTACTGACTGATTCTGTATGCTGACC  
TAGCAAAAGGTTGAGTATTTATTAGATGGGATGGGAAAATTTGGGATTATTTATCCTCGTGGCAGCAGTT  
TGGGGAGGAGGATTATTTATTATATTTTACTGAATTATGCACTTTTTCAATAAATACTTATTTAT  
>GBEQ0831 |Acc|CD469899|Ver|CD469899.1 GI:31391167|LeukoS4\_2\_E02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E02\_A026 3', mRNA  
sequence.:Start:1:Stop:636  
CCTCTGCAGCAGTGAGTGCCGAGGACTTCGAGAAGCAGAATGAGGAGGCCCGCAGGACCAACCGGCAG  
CGCAGCTCTTTGCCCTTTACCCATCAGTGGATGAGGAGGATGCTGTGGAAATACGTCGGGTACCAGAAT  
GTCTTAAGGAACATCTGGGCAACAGAATATTGGTCAAGTTGCTGACCTGAAGTTTGAGATTGAAATTGA  
GCCTCTCTTTGCCAGCATTTGCCCTCTATGATGTCAAAGAAAGGAAAAAGATCTCAGAAAATTTTCACTGT  
GACCTGAACCTCTGACCACTTCAAGGGATTCTGCGTGCTCACACGCCTTCTGTTGCCACGTCAAGTCAAG  
CGAGATCTGCGGTGTTCTCGGTCACTACCCGTCTCAGACATCTACCTGGTAGTCAAGGTAGTTGAACA  
CGACCTCATTTGCACATTCTGGTGCTCCTGTTGTTGCATTATTTCCCGCGCATGTTGGGGGTGAAAGAGA  
TGTCAGAACGCGTCAACGCATCCTCCATGATGTTCACTTCATTTCTTCTTGACTTACTCCTTTTCTTTT  
ACAAGCAAATTTGTGTGAGATACTAGAATGAGTATGGGGTTTGGAGTCATAAAGTCCTAGGTTTGAATCCT  
GAAAAA  
>GBEQ0832 |Acc|CD469891|Ver|CD469891.1 GI:31391159|LeukoS4\_2\_H11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H11\_A026 3', mRNA  
sequence.:Start:1:Stop:619  
TGTGCGGAAGTTCAAGTGGGGCAAGGGCTTCTTAGACCTGAACCGCCAGCTCCTGGACAAGTACGCAGC  
TTGCAGCGGCCCCGAGGAGGTGCTGCAGGCAGAGCAGGAGTTCTGGTCCACGCCAAGGAGCACCCCCAG  
GAGGAGGAAATCGATCCCTTTGACGTGGATTGAGGAAGAGAGTTTGCAAACCCCAACAGGCCTGTGGCTG  
GCACCCGGCTGCCCCATGGACAGTGGTGACAGTGACGGTGACAGTGAGGATGAGCCTGAGGAGCATGGGCC  
TGATCTGAGCAAGAAGGAAGGAGGAGTCTCTGAAAAGGAGGGGACTCCAGAGCGAGGGGCTGAGGCC  
CGGGCCCCCACAGAGGTTTGGAAAGGAATCAAGAAACGGCAGAGAGACTGAAGGTTGCGGACACAGTGTAT  
TTTTCGAGGCGGAGTGATAAGGAAATCTAGAGATGGCGGGCGAACTCGTGGGAACACAGGCAGGCCTGGT  
GGCCTCGGCCCTTGCACTGCCAGCAGGACTGGACTCTGTCCAGGTTCTCTCCAGCACTCTTAACACG  
GCCTGGCTCTGGGTCTGCTCGGAGCCCTGCCAATGAAGTGCAGACCAAGGCCAAAA  
>GBEQ0833 |Acc|CD469883|Ver|CD469883.1 GI:31391151|LeukoS4\_2\_E09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E09\_A026 3', mRNA  
sequence.:Start:1:Stop:556  
CAGGTAAACTCTTGAGTGGTAGTGCTGACCCCTGTGGACACTTAGGGGGTCAGAATGTGGTAGCTAAATG  
GTTGTGCTGCTGTGAATGCCTTACTTGGCCCTGGTGTGGTGATGACTTCATTGCCAGCCACAGGCCACTT  
GCTCAGTTCTCTGCAGGCACAGGCAGGGCGTGTCTCGGGACCAGCAGCCTTACCTCGGTGCACAGGTA  
GGCCCCCTTGAGACCGTATTTAAGAAATGCACACAGCTACAGAACACACAGCCTGGCATAAAAAGGGTTC  
TGGACTCTTGGCTTAAACACCCCAAGCCGAAGACATGGAATTTGGTCTCCTTCCCTCAGAATTTCCCC  
TGGTCATTTTTAGAAAATGTAGAATGTATCAAAAGCCATCTCAAACGTTTGATTCCAAATAGAAGCTGAA  
AATTAACCAACAATTTAACTGTTGAAATGGTTAGATTTGCATCTGACATTGTGCTCGAACACTGTTAG  
ACTTTTGTATGCTTATGCTCTTGTAGATGTTTTTAAATATATCTATGTGAACCAACAAAACTCT  
>GBEQ0834 |Acc|CD469882|Ver|CD469882.1 GI:31391150|LeukoS4\_2\_E12.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_E12\_A026 3', mRNA  
sequence.:Start:1:Stop:556  
GTAGGACGTCCAAGTTGAAACCAAAAGTCAAGGAGAAGTCTATACGGATCATCATCAGCTCATGGTGCA  
GGTGCTCGTCTGCTTTATGCCTTTCCACATCTGTTTTGCTTTCTTGATGCTGGGAGGGGACGACAACAGT  
TACAATCCCTGGGAGCCTTTACTACCTTCTCATGAACCTCAGCACCTGTCTGGATGTGATTCTCTACT  
ACATTGTTTCAAACAATTTAGGCTCGAGTCATTAGCGTCATGCTATACCGCAATTACCTGAGGAGCGT  
GCGCAGAAAAAGCTTCCGATCAGGTAGTTTACGGTCACTAAGCAACATAAACAGTGAATGTTATGAACG  
ATAAGAGGTTTTTTGTCTTCAATCTCTTTAAATTAACCTTTACCAACTACCTGGGGTCAGTGGGTGTTCT  
GTACGATATTATCAAGTCTCTCTCTCGGAAGAAAAATAAAATAAACTTTAAAAACTCTTTTGTGGGAT  
CTTACCATTGTGGCAACATACTAAATATCTGAAGTATTCTAATAAATTCATTATTTCTATTTTT  
>GBEQ0835 |Acc|CD469878|Ver|CD469878.1 GI:31391146|LeukoS4\_2\_A08.b1\_A026 Stimulated

peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A08\_A026 3', mRNA  
sequence.:Start:1:Stop:635

AGAAAAAATGCAAAGCTGAATATCGAACTGGAAGCAGCACCCCATTAGGCTTTGTTTTATGACTGGGTGC  
GTGFGTGTCTGCGTGCGTGTGTGTGTACATGCATACACGCACGTATACACCTGTGTGTGAGTATGTA  
ATGCATAATGTTTTATTGTACAGATGTGTGGCGGTTTGTGTTTTATGATACATTACAGCCAAATTATTTGT  
TGGTTTATGGACATACTGCCCTTTCACTTTTTCTTTTTTCCAGTGTTTAGGTGATCTCAAATTAGGAA  
ATGCACTTAACCGTCTAAAGGATTAATGCTAAAGGAAGCTTTTTAGGGCCCTTTGCCAATAGATAGTAAT  
TCAATCTGGTATTGATCTTTTCAAAATAACAGAACCAGAACTTTTATATATAACTGAAGATCACATA  
AAACAGATTTGCATAAAATTATCATGATTGCTTTATGTTTATATTTAACTTGATTTTTGTACAAACAAG  
ATTGTGTAAGATATATTTAAAGTTTCAGTGATTTAACAGTCTTTCCAACCTTTTCATGATTTTTATGAGCA  
CAGACTTTCAAGAAAATACTTGAAAATAAATTACATTGCCTTTTGTCCATTAATCAGCAATAAAACATG  
GCCTT

>GBEQ0836 |Acc|CD469874|Ver|CD469874.1 GI:31391142|LeukoS4\_2\_A11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A11\_A026 3', mRNA  
sequence.:Start:1:Stop:571

GGATTTGGGATAGAGGAGCATTAGTCGCTGTGAATCCAGGTGATCGCAAACGCTATGTGGATATAATGCT  
GTCCCTGACTAGAAAAGGGTTTTACTACCTTTTGGCTGTCTTTCTTATGACCCAACTAAACATGCGAGGC  
CCGCCATTTTTTGTTCGGATGCTGAAGTTAAAAGACTATTTGATTCAGTGTCGAATATTCGTTGTCTAG  
AGAAAGTTGATGCTTTTGAAGAACGCCATAAAAGTTGGGGAATTGACTACTTGGTTGAAACGTTATATCT  
ATTTACAGAAAAGTAAATGAGACCTAAATAAAAGCAAGTAATATCAATGTGTTTTGAACAATGGAAAAT  
TATGCTAAGGCATGAAAATATAATGGATGACTTTTGAAGAAGATTGTTCAACAATCACATCACAGATCTT  
GCTCAAAAATCTTTAGAAAAAACACATACTAAAATGTTAAATGTTAAATATACTAAAATGTTAAATACC  
TATGTCTTCTACTCAGAGATTGCAATCATTTTTTACAATCAGAAATGCACTACTTGTATAATTAATAATAA  
AGGAGAAACGC

>GBEQ0837 |Acc|CD469867|Ver|CD469867.1 GI:31391135|LeukoS4\_2\_C11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_C11\_A026 3', mRNA  
sequence.:Start:1:Stop:586

AGCATCATTGCTGGCCTGGTTCTCCTTGGAGCTGTGGTGGCTGCAGCTGTTATGTGGAGGAAGAAGCGCT  
CAGGTGAAAAAAGAGGGAGCTACGTGCAGACTGCAACAGTGACAGTGCCCAAGGCTCTGATGCGTCTCT  
CACGCAGAAAGTGTGAGACAGTGGCCCTGTGAGAGACCAAGTGATGCAAGATTTGTTTCATGCTCCACTT  
TGTGACTTCAGATGCCCTCACTTGTCTTCTGCAGCTGGCATCTGAGTGTGTGTGGTCTTATTAGCATAA  
TGAGAGGAGACTGGGGAGACAGGCCACCCCTGCCACCATTACCCAACCTGTTCCCAACACTGACCTTT  
GTGCTTTCCCTGATCTAATTTCCCTGTTCAGCAGAGGTGGGGCTGGGCCATCTCCATCCCTGTCTTAACT  
TCTTGTGCACTGAGTAGTGATCATTTTCTTCTTACTGAAAATAGGAATCCAGATATGAATTTTTCTAA  
TTCTTCTCGTAAGAGATTGATGTGTTAATTAAAGAAGAAGATTCTTAAAGTTTGAGAGGTAAAATAAATG  
GAAGCACTGAGAACCTTCTGAAAAA

>GBEQ0838 |Acc|CD469866|Ver|CD469866.1 GI:31391134|LeukoS4\_2\_H03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H03\_A026 3', mRNA  
sequence.:Start:1:Stop:618

GAAGAAAGAATTCATATATTATGCAGATGTGAAGAGCCCGAAAGCTTTCTTTTTGTGATTTTGGGGAAC  
AAGATTGACATAAGTGAACGGCAAGTGTCTACAGAAGAAGCCCAAGCCTGGTGCAGGGACAACGGCGACT  
ATCCTTACTTTGAAACAAGTGCAAAAGATGCCACGAATGTCGCAGCGGCCCTTTGAGGAAGCGGTCCGAAG  
AGTGCTTGCTACTGAGGATAGGTGAGTCACTTGATTCAGACAGACACGGTCAGCCTGCACCGGAAGCCC  
AAGCCTAGCTCATCTTGCTGTTGATCATTAGAGAGGTTGCCCATGCGTCTCTACCAACTCACACATATAC  
ACAAATAAACACAGGGTGGACAAGAGAGTTAGTGTTTGAGCAATGGCTCCTGTACTCATAACATTAAAC  
TAACCATATTGCTGCTTCATTAGCGGGTGGGAGAAGGGACGCATCCACTCACGGAAGATTCTATTTACTC  
AATAATGGCCCCCTTACATTTATAATTTGTAACGGTTGTCTAATGACGTTTAAATTTAAATGTAAGTTACA  
GAGCTAATGACATGACCAAGACTTTAATTATAATTAACAGAACACTTGAAGATTGC

>GBEQ0839 |Acc|CD469865|Ver|CD469865.1 GI:31391133|LeukoS4\_2\_C04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_C04\_A026 3', mRNA  
sequence.:Start:1:Stop:526

GAGCACCCATGGCAAATGCTGCCACTCAGACCAAGCCTCTTCATATTGGCAATGCCGCCAGGCATGGGCTT  
TGAGGCTGTTTTCTGGCAATGCTGGGTCTCCAAGGAAACAAGCGAGTCTTGATCTGGAGACAGGGTTT  
GGGGCCTTCTACACCAACTATTTCCCTAAAGTCCTTCCAACCTGGATTCCCACACTTGGCTGCTGGACC  
AGCAGGATGTGGCCTTCAAGCGTTTCCCTGCACATTTGGCCACCCACTGGGTGGCAGACGCAGCTGTATC  
TGTGAGAAAGCACCTTGTAAACAGACAGAGCCCTGCTTCTGTTGACCACATTGAGAGAATTGTGCTCAGA  
ATTCCAGAGGTCCGGTATGTAAATAGGCCCTTTCCAGACTCGGAGCATGAAGCCCGTCACATAGAAGAAAT

AGAAGAACCTATATCAAGGATATACAACCTATGTACTGGGGCTTTGGGGAGGGGAGAAAAAGGGAAAGA  
TTGGCAACAGATGTTAGCTCAGGGTGAATCTTTCCC  
>GBEQ0840 |Acc|CD469805|Ver|CD469805.1 GI:31391073|LeukoS2\_5\_F08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F08\_A024 3', mRNA  
sequence.:Start:1:Stop:692  
TGGCAGCGTGATGGGGAGGACCTGACCCAGGACACGGAGCTTGTGGAGACCAGGCCTGCAGGGGACGGGA  
CCTTCCAGAAGTGGGTGGCTGTGGTGGTGCCCTTCTGGAGAGGAGCAGACATACACATGCCGTGTGCAGCA  
TGAGGGGCTGGCTGAGCCCATCACCTGAGATGGGAGCCGCTACTGAGTCCACCATCCTCACTGTGGGC  
ATCATTTGCTGGCCTGCTTCTCCTTGGAGCTGTGGTGGTGGAGTTGTGATCTGGAGGAAGAAGCACTCAG  
CGTGAACAGCTGCCTTGTAGGGGACAGAATGATGCAAGATTGTTCCTGTCCCACCCCATTTGACTT  
CAGGAAACTCTGACTTCTCTTCTGCAAGGGGCATCTGAGTGTGTCTGTGTCTCCTCTTGGCATAGTGTGA  
GGAGATGGGGAGACTAGTCCCCCCCCCATGACTCCCTCCCAACTGCCCTGTGTTCTGTCCCCTGATTGAC  
TTTCTCTGTCCCAGGAGAGGCGGGGCTCATTCCATCCCTGTCTTAACTTTGTGTTGGGCTGAGCTGCAGCT  
TCTTCTTCTCTTATTGAAAATAAACATCTAGATATGAACCTATTTTTTAAGAATCTTGCCATCAGGGATT  
GATGGGCTAATTAAGGAGAAGATTCTAAAATTGAGAGGGGAAATAAATTGAGGCTCTGAG  
>GBEQ0841 |Acc|CD469803|Ver|CD469803.1 GI:31391071|LeukoS2\_5\_A12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A12\_A024 3', mRNA  
sequence.:Start:1:Stop:691  
TAAATATGTTTTGTAGAGTGAAGCCATGGGAAGCCATGTGTAACAGAGCTTAGACATCCAAAATAATCA  
ATGCTGAGGTGGCTAAATACCTAGCCTTTTACATGTAAACCTGTCTGCAAAATTAGCTTTTTTTTTAAAAA  
AAAAAATTTGGGGGGTTAATTTATCATTACAGAAATCTTGCATTTTCAAAAATTCAGTGCAAGCGCCAGGC  
GATCTGTGTCTAAGGATACGATTTTGAACCATATCGGCAGTGTACAAAATATCATGAACAACCTGTTTTT  
ACACTTGCACCTGATCAAGAGCAGTCTTCTCCATTTGTTTTGTCAGAGAAATGTTTTTCATTTCTCTGT  
GTTCCATTTCCCTCTGAAATCCTCGATCTGATTTGTCCATTTTTTAAAGCTCCTCTTTTTCTCCCTCTTT  
AAGGCACTGTTGCTATGGCACTTTTCTATAACCTTTCATTCCTCTGTACAGTAGCTTCAACTTGCAGTGA  
TTGAGCATAACCCACTGTTTGTATAAATTATTGAAATCCATTTGCACCTCTTAGAATGGACTGAAAAGT  
ACTGCTGGGCATGTGTGCTGAAAGTACATGGATTGCTCGCTTATGAGGAAATGGCCCAATGAACATGGTT  
GTGGGAGGGGAAAGAGGAAACAAAGCTAGTCAGATGTGAATTGTATCTGTTGTAATAAACA  
>GBEQ0842 |Acc|CD469797|Ver|CD469797.1 GI:31391065|LeukoS2\_5\_B03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_B03\_A024 3', mRNA  
sequence.:Start:1:Stop:669  
TGTGCTCAGCAAACCTTCTCATGGCTGACCAAGACTCACCTCTGGACCTTACTGTCAGAAAGTCTCAGTCA  
GAACCTAGCGAACAAGACGGTGTACTTGATCTGTCCACTAAGAAAAGTCCACGTGCTGGCAGCACTTCCC  
TGAGCCATTTCTCCAGGCTGCTCCAGTACTCAAGGGAACGGTGGATGACAATCGAGCAGCAGAAGAATGGT  
GTGCCCTACCTTTAATGCTCAGTTTAAATAAGAGAACTGTATTGTGTCTATTTCAGATTGTAGGCTGAG  
AGTTGTAAATAGTGAATAATTTGAGTACTTCTATTATTTGTTTTGGTTAGAAAGTGAATTTAAAAACAAA  
CCAAACTCTAAACTTTTCTCAGATTAAAGTCTGAGACCTGAAGATTGTAATATTCATATCTGTGAAGC  
TTTTAAACATTACACTTGAGATCAGTCATGACTTGATATTAGGTAATTTTCTTTTCCAAGAAGCTTTT  
GAATAAGCATATTTCTCCAAAGGTCGGTCTCTCTCTTTTACTTTTTTGAGTGTAGATTATTTTA  
AAGCACTAATTGCATTACATTGGTAAGTGAATATAAAATAGCCATTATTGTTTTGTGAAGCATGGTTGA  
AATTAGATAGTGGTCCCTTTTAAATTTTCATGAGCCTCTC  
>GBEQ0843 |Acc|CD469796|Ver|CD469796.1 GI:31391064|LeukoS2\_5\_C05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_C05\_A024 3', mRNA  
sequence.:Start:1:Stop:485  
CGTGCCACGAGCCAGCGCTGGGCACCAAGATCATCGTGCAGAAATGTGACCATGGACCAGGAGGCGGGGCTG  
GGCCCGGAGGCACTGCTGCCGACACCATCACATTTGCCACCCCTGAGAGCCTAACAGAGCAGGTGGCC  
ATGACACTGGCCTCGGCCATCAGCGAGGGCAGTGTGCTCAGCCCGGGCAGGCACAAATGGCGCAGAGC  
AGGCCACTGTGACCATGGTTTCGTGAGAGGACATTGAGATTCTGGAGCACGCTGGCGAGCTGGTCATCGC  
CTCGCCAGAGGGCCAGCTGGAGGTGCAGACGGTCATCGTCTAGCCTGGATGCCTGCAGAGTCCCAGTGGG  
CTGGTCTGGCGCAGGGGGCAAGGACCCTGAGCACCTGCCGATGCCTGCCCTGGCCTGGCGCAGAGAAGATG  
GGGCACAGAATTCAGTGTCTCAGAGGACATATGGGAGTGTAAATTTACAGAGTTTTTTTGTGCTT  
>GBEQ0844 |Acc|CD469795|Ver|CD469795.1 GI:31391063|LeukoS2\_5\_D07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D07\_A024 3', mRNA  
sequence.:Start:1:Stop:752  
CAGAGGAAGAAGCTGATCAGTGGCTGTAGCTGAAGTAGGCCCTGCCCTTACAGGAGTCAAAGCAGAAAGA  
GAGAAACGGATCATCAGCTCCCGAGGCCGCTGGATCAGGCTTAGTGTGTTGACTTCGCTTAGGAGGGA  
TCCTCCACTATTTATTTATTTATTTGTTGCTTGATTTTCCAAGATTCTATGTTATTATTTTAAATATAA

AATAATTATGTAATTGAATCTATTTGTGCACTGTACCATTATTTTATTGTTTATTTTATGCCAAACCCA  
AATTAGTACAATCCTGATTTGTATTTACTTTGAAGGTAGAAGGTTTGCAAACGCCCTGCAGTCATTAAAC  
TAATATTTTTGAGGAGCCCAACATACCAGTGTCTGTGACAGAGGCTGGGGAGTCGAAGCAATTAGACA  
GTGAGGTCATTGTCTAGGGTGGGGGAATATGTGTGTACGTCTATTTTCTAACTTTTTAAAGGAATGTCAG  
TTATTCTTTATTGAAATGATTTTATAGTATGAGAAGTGATTTTATAGTAGTATAGAAGTGAGAAGTGGTC  
AACACTTCTCATGCTGAAGCTTTCAGAACCAATGTTCTAAATATCCTTTGGACATTTTATGCTTCTCT  
TGTAAGGCATAATGCCTTGTTTCATGTTAATTATGCAATGTTTCTTTATGCTTTAGAACACAGAGCTTTA  
AATATTTATTGATGTTTTTGCAAAAATAAACATTAAAATAAAGTATTTCAA  
>GBEQ0845 |Acc|CD469792|Ver|CD469792.1 GI:31391060|LeukoS2\_5\_F07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F07\_A024 3', mRNA  
sequence.:Start:1:Stop:515  
TTCCTTACCCACATCCACTAACTTTTTTCCAAGGAAATATCAGAGATTTCTCAGATGGGAAACCTGGT  
TGCTTTTTAGAGCTCCATCGCATGGGGACCTGGGTGCTGGTTCCCGTCTTTGGATCCCAGCTTAGCCCT  
GTCCCCCTGACAGGTTTAGGCCCCCACAAGAAGCCTGGAGGTCGGACGAACAAATGTGGAGTTTGCTT  
CCTTGGAGGGATGCACCTGCTGGTTCCCTCCCAAGAGTCCCCAAGAATCCAATGGCTCAGTGCTTGGTGA  
CCCTTTAAGGGAGCGGGCTGGGAGGGCCCTGCTACCTCCTGCTGCCCTGGTTTTTCTCCTGGAGTTTAA  
TTGCCCTTGGCCCTCTGAGTCTTTGAGTTTGGGCCCTGGTCCAATGATGCTGTTGTTTGGAGAAATGGTTTG  
CGGAGAACAGATGTTAGAAGTGTGTTGTTGATTTTTGTTTGGGTAATAAATCATGGCCAACCACTCCCC  
CCACAGGGATCCAAGCCCTCCCGGG  
>GBEQ0846 |Acc|CD469791|Ver|CD469791.1 GI:31391059|LeukoS2\_5\_A08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A08\_A024 3', mRNA  
sequence.:Start:1:Stop:743  
TTTTTAAAGGCTTCAGTAAGGTTGATAATGTACCATNGTATGGGGCACTTTTAAAGTCAGCTAAGGCAAT  
AACCTTATGCATGAACATTTCCAGACTTTTATGATGCTGTTGAGGTCCTAGGCAATTGATACAGCAGTT  
GTGATAAATAAAAACATTTACCTAAGTCTCCTTTACTTTCATAACATAGATACTGACATGATAGGAAGCT  
CTTGGCTTAGGGAAGGATAACTAAATTTAGATTTTAGAACGTGGACTCAAAGTGGCTGAAACAAATTTGG  
TTGATACTTTAACTGGTAACCTATTGTTTCTCTGTTATATCCTTAAGGATTTGTTCCACTAAAGTTTTAT  
TTTTCAAAAAATTTACTTCACATTATTGTATGTAAGTGATCACTTGTGCTGTTCCAGATGTATCTTAGC  
TAAATATTAGTGAATGCCCTAACTTAGATGTTTTTGAAGCCTGTACATTTGGTATTGTTTGACCCCTTAA  
CTTTTACATCTCTTAGCGTGAGGACAAAGAAAGGCTGTATATTGTTGCTTGAAGAGTCTGTACATTTAG  
ACCAATTTGTATTGCACTGTGAGTATGGCAAGTGAGCGAAAAAATGTTAATACACTATTGGATTTTT  
TATTTCTTTCTTTGATTCAACTGTACTGCGGCTGAAACCTCAATTTATGTTTCATGACAGTGGGGATTT  
TTTTTTAAATGTCTACATCTTTCTAATAAACTGTGGAAGACT  
>GBEQ0847 |Acc|CD469789|Ver|CD469789.1 GI:31391057|LeukoS2\_5\_G05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_G05\_A024 3', mRNA  
sequence.:Start:1:Stop:595  
TATTTGCTAATTTTTATTAATTCTAGTTTTTTCATTAAATAAATTTGACTTTCTTTTCTGTAATTCAGGTT  
CTTCTCACCTTTTTTTTGGTACCTTTTTAAAGTTAGTGTCTTTTGATATGTATAATTGTTTATGGTAA  
GTTTATACATATGTGTTCAATACATATTTTCTTTCCCCCATTAATCAGTTTCATTAGAAATATTTTAAATT  
CAGCTATTTTGTGAAGATATGAGTTCAGAAAGGAAAGGTAACATCAGAAGAATTATCAAAAGCTATTT  
AAAGCAGCTATATGATGAGCTCTCTTTTCCCTCCTGTTGAGTCATCCCTTCAAACCTCATTCCTTTGAAAG  
GTTAGGGAGTACTGATTTTTTTTAAATACTGGGGAAAAAATAATCAGCCTTTCCCCCCTCCCCAAAT  
ATAGTGGACAAATCACATGTTTAAATTTGCTCTGTATTTATTTGTTTGGTTTTGCAAAAGAAGGCATCATCTT  
ACACAGTATTTGTAATTTAAAGCAAATCATTTGTTTAAAAAAGGCAGTTTGCAAAAAATGTTTTTGGT  
CTTTTATAATTCTCATTAAAGAAGATCTGGCAA  
>GBEQ0848 |Acc|CD469785|Ver|CD469785.1 GI:31391053|LeukoS2\_5\_D06.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D06\_A024 3', mRNA  
sequence.:Start:1:Stop:693  
GAGGTGGTTTTGGTGGGAATGACAACCTTTGGTTCGCGGAGGAAACCTCAGTGGTTCGAGGTGGCTTTGGTGG  
CAGCCGTGGTGGTGGTGGATATGGTGGCAGTGGGGATGGCTATAATGGATTGGTAAATGATGGAAGCAAT  
TTTGGAGGTGGCGGAAGCTACAATGATTTTGGAAATTACAACAATCAATCTTCAAATTTTGGACCCATGA  
AAGGAGGAAATTTTGGAGGCAGAAGCTCTGGCCCCATATGGTGGTGGAGGCCAATACTTTGCCAAACCACG  
AAACCAAGGTGGCTATGGCGGTTCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGAAGGTTTAAATTACTG  
CCAGGAAACAAAGCTTAGCAGGAGAGGAGAGCCAGAGAAGTGACAGGGAAGCTACAGGTTACAACAGATT  
TGTGAACCTCAGCGAAGCACAGTGGTGGCAGGGCTAGCTGCTACAAAGAAGACATGTTTTAGACAATACT  
CATGTGTATGGGCAAAAACTCCAGGACTGTATTTGTGACTAATTGTATAACAGGTTATTTTAGTTTCTG  
TTCTGTGGAAAGTGTAAGCAATCCAACAAGGTTTTTAATGTAGACTTTTTTTTTTTTTTTTGCACCCAT



GCTGTTGATTGCTAAATGTAATAGTCTGATCATGACGCTGAATAAATGTGTCTTTTTTAAAAA  
>GBEQ0849 |Acc|CD469781|Ver|CD469781.1 GI:31391049|LeukoS2\_5\_B09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_B09\_A024 3', mRNA  
sequence.:Start:1:Stop:338  
GGTTATGGTGTCTATAGCAAGGTTTTTGTATCAATTTTTTCCCCCATCTCATCGCCAACCTTGGATTTCATT  
TGAGAAGACTTGAGAAAGGTCTTCATACTCACACTGCTGCAAGTGGTCTTGCTTATTTACTGGTCTGGG  
GGAAACAGGATGTGTTTCTTTTTTAAAAAAAAGCCAATTGACAGAACAGATTACATTGAAATACTTCTC  
CTTTTGAATCACTCAGCCTTTTGTGTTTTAGTTTGGTAAGTTTTAAGAAATTTGAGCAGCAAAGATGTTAT  
TCATTGGGCACGATGGACTGAAATGCCTCGAGTTATGTATACCTGTCCCAGCTGTAA  
>GBEQ0850 |Acc|CD469780|Ver|CD469780.1 GI:31391048|LeukoS2\_5\_A10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A10\_A024 3', mRNA  
sequence.:Start:1:Stop:730  
CTTTTATTGCATATTTAGCAATCAGAACAGATGACCTCCCACAAAAAAAATAGATGCATTTCAGTTGAT  
AAGTTCCTTGCTTAACTACACAGCTATGATGCAATCATGTTTCTAAGTCGCTTGCCCCAGTGAAATATGC  
ACATGTATGTTATGGAAACCGGGATGGCAAGTAAAGTTTAAATGGCATCCTTTTGCAGAGAGCTCAGACTT  
TTAATTAACCTCTTATAAAATAGATCAGCATTTCATTGTCCAAGGCTGGTTTTCTTGGGTCTTTGCTGAAA  
AAATCTTAGTAGTTTCCCCCTTTTAAACAACTGTGATCATGAATGCCACTATCTCTCAGATATTTGAAC  
TTTTTGTGTTAGCTTAGGCACATATTGTGTGAATACATTAATCTAAGAAGAGAGAATCTTCTCTATGCCT  
CTATTCCAGTTAATAGCACAAAGTATCAGATAAAAGGGTCAATTTTAAATGTTAAATCTGAAAACCTCC  
TAAGAAGACAGGAAACATTATGGCCTAAATCACTTACCCAGAAGATGTACATATTGTACTTTAGTTTCAC  
ACCACTTTATTACTAAAGCAAACACCTTTTACTTTAAATTACTTTATCATATCATTTGACATATGCAAG  
TCTGTGCTCTTTGCCAAAGTCAACGTATAATGAAGATATGGCTTTGTTTACTGAGATTCAAACCTTGATGT  
GATGCTTTTAAATAACTCAGTACTTTTAG  
>GBEQ0851 |Acc|CD469779|Ver|CD469779.1 GI:31391047|LeukoS2\_5\_F02.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F02\_A024 3', mRNA  
sequence.:Start:1:Stop:438  
ATCCACCCCTGGTAGGGAGGGGTGCCGAGCCATAATGGTATGTGCTCTCATTTCAGCCCGCCCCCTTCA  
GAGGGAAGTGGTCTTGCCCACTGTCTTTTGCCCTCCATGCCGAGGTGGTGTCTGATTTCTGAGGGATGG  
TCTCTGAACTCCCTTTGCTATGATTTAAGGANTGGGGCATGGGGGCACTCCCCAGCCCTCCTAATT  
CACTCCCCCGTGGGGGCGCTATGGTGTGATAAACTTTCTTTGTTCTCTTCTGCTTTTCCCATGGGCTCC  
CCAACTCATCTGGGCTGTGGCCCTAGTTGAAGGGGTACCCCTTCTCTGTGCCAAGAGGATTCAATTCA  
TCCTGGCCTTGTGAATGGGAAAGGGGGCAAGGTGGAATGCAGATAACTCCCATGTAAAGAATTTGGGTA  
GGTGAATAAAAGCTATAC  
>GBEQ0852 |Acc|CD469775|Ver|CD469775.1 GI:31391043|LeukoS2\_5\_D09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D09\_A024 3', mRNA  
sequence.:Start:1:Stop:703  
CGCCGATTTGTGGGCCATACCAAGGATGTGCTGAGTGTGGCATTTCTCTCTGACAACCGGCAGATTGTCT  
CTGGCTCCCAGATAAAACCATCAAGCTATGGAATACTCTGGGTGTATGCAAATACACTGTCCAGGATGA  
GAGCCACTCGGAGTGGGTGTCTTGTGTCCGCTTCTCACCCAACAGTAGCAATCCCATCATTTGTCTCTGT  
GGCTGGGACAAGCTAGTCAAGGTGTGGAATTTGGCAAACCTGCAAGCTGAAGACCAATCACATCGGCCACA  
CAGGCTACCTGAACACTGTCACTGTCTCTCCGATGGATCCCTCTGTGCTTCTGGAGGCAAGGATGGCCA  
GGCCATGCTTTGGGATTTAAATGAAGGCAAGCACCTTTACACACTAGATGGTGGGGACATCATCAACGCC  
TTGTGCTTCAGTCCCAATCGCTACTGGCTCTGTGCTGCCACAGGCCCCAGCATCAAGATCTGGGACTTGG  
AGGGCAAGATCATTTGTAGATGAAGTGAAGCAAGATTTATCAGTACCAGCAGCAAGGCAGAGCCACCCCA  
GTGCACTTCTCTTGCCTGGTCTGCTGATGGCCAGACTCTGTTTGTGCTGGCTACACGGACAACCTGGTGAGA  
GTGTGGCAGGTGACCATCGGCACCCGCTAGAAATACATGGCAAGCTTTAGAAATAAAAACTGTGTTTTTA  
ACT  
>GBEQ0853 |Acc|CD469771|Ver|CD469771.1 GI:31391039|LeukoS2\_5\_F09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_F09\_A024 3', mRNA  
sequence.:Start:1:Stop:738  
GGTCACGCTATTATTGCATATTACATAAGACGCGATGCCATCAACAAGGCTACAATCATGCCACGAG  
GGCCAACACTTGGACATGTGTCCCTGCTGCCGTGAGAATGACAGATGGAATGAGACTAGAGCTCAGCTGCT  
TGCACAAATGGATGTTAGTATGGGAGGAAGAGTGGCCGAGGAGCTTATATTTGGAACATGATCATATTACA  
ACAGGTGCTTCCAGTGATTTTGATAATGCAACCAAAATAGCAAGCGAATGGTTACCAGATTTGGAATGA  
GCTGAAAAGCTTTGGAGTTATGACCTACAGTGATACAGGGAACCTGAGTCCAGAACTCAATCTGCTATTGA  
ACAAGAAATCAGAATCCTTCTAAGGGACTCATATGAACGAGCGAAACATATCTTGAAGACTCATGCAAAA  
GAGCATAAGAATCTAGCAGAAGCTTTGTTGACCTATGAGACTTTGGATGCCAAGGAGATTGAGATTGTTT

TTGAGGGGAAGAAATTGGAAGTGAGATGATAGCTCTCTTGAAATGGAGGCATTGCTGGGTTTATTGCAAG  
AAGATAAGTAGCATTGACAGGAATCTCCTTTTGCAATGCTTTCCCTCCATTCTTGACTTGACGTCACCTCAA  
GGGTGTGAAATACTTTGTCAGTCTTTTGTACACCTTATCTGATTTTGGTTATTCTCATGATGGACACGTA  
CTGCAAAGAGCAAATAAAGAAAATAAAGAGCTATGAGG  
>GBEQ0854 |Acc|CD469770|Ver|CD469770.1 GI:31391038|LeukoS2\_5\_E03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_E03\_A024 3', mRNA  
sequence.:Start:1:Stop:350  
AAAATCATTGGTGTTCATTATTTGCTTTGCCTGAGCTCAGATCAAAATGTTTGAAGAAAGATACTTTATT  
TTTGCAACTTAAGTGAGGTTTTTATGCTCGAGATCTTTTCGATGTGTATGTATATTGGAACCTCCTGCAGC  
TTGCGCCTCTGCTTTTGTAGCAGTGATGGTGAGCACTTGAGAGAGGAGAGGATGTGTGTATGTAT  
TTTTTAAATATATATATAAACTGTCTTTTCACTCCATGTCACACTAAGTGATATTTTCATATGTGTGGT  
TATACTAATAATTGGCCTTGTAAGTCTTTTGACCATTTCATGAATAATAATAATAAATACGTAAGTGTGGC  
>GBEQ0855 |Acc|CD469766|Ver|CD469766.1 GI:31391034|LeukoS2\_5\_G10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:784  
ACTATGTTTCTAAGTGTGTGATTATGTTTCAACACGTCGTGTAAAGGCAGTTTATGAGGAATTTTCAGAG  
AGGGTTTTATAAAGTCTGTGACAAGGAGATACTTCGACATTTCCAGCCTGAAGAACTAATGACAGCAATA  
GTTGGAATACTGATGATGACTGGGAACAGTTTGAAAAGAATTCAAATATACTCTACCTTACCACAAATC  
ACATCGTACCATAGTGATGTTTTGGAAGCTTTTCATGCATTAACGTTGGAGGAAAAGAAAAAATTCCTT  
TTTTTTTTCTTACAGGAAATGATAGGTTGCCTATAAGAGGCCTACAGGAAGTGGGAATCCTATTTTCGCTG  
TCCTGAAACCTTCAGTGAAAGAGATCACCCAGATCATTAACCTGTCATAACATTCTGGACCTCCCTGAA  
TATCTACAATGAGAAGATGAAGGAAGCACTTCAAGTAGCCATCAACAGCAACAGAGGATTTGTCTCAC  
CCGTGGTTCACACAGTGATGGTCACCTGTGAGAGTCTGCTTGAGGCCTCAGCTTCTCAGGTCTCCACCC  
TTGGATTCCTCTGATTTTTTCTAGGTCTAATAGTACAAAGGGTTGATGGATTTTAGTTAGAATTAGTGGA  
CAAATGTTGGGATAAACAATAAAGTGATGAATCAATGATGATATTTAACGAATCAACATTTCTGATCCC  
TAAACTTGCTATGAGAATGTTTGCTTTTTTACTGGATTATTTCTGAACAGTAATCATTTAAAAATAAACT  
GAGTATTAAGCT  
>GBEQ0856 |Acc|CD469699|Ver|CD469699.1 GI:31390967|LeukoS2\_8\_E07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E07\_A024 3', mRNA  
sequence.:Start:1:Stop:755  
GTGAGAAAGATGGCCAGTTTGATGCTAAAAAATTTGCAGAGAGCCAGCCTAAAGAGGACACCCCAAGGAA  
AGAGAAGGGTTCTCGGGAGGAGAAGCAGAAGCCACAGGCTGAGCGGAAAGAGGAGAAAAAGGCGGCTGCT  
CCTGCTCCTGAGGAGGAGATGGAATGTGAGCAGGCGCTGGCTGCTGAGCCAAAAGCCAAGGACCCCTTTG  
CTCACTGCCCAAGAGTACCTTTGTGTTGGATGAATTAAGCGCAAGTACTCCAATGAGGACACACTCTC  
TGTGGCGCTGCCGTATTTTTGGGAGCACTTTGACAAGGATGGCTGGTCCCTGTGGTACTCTGAGTACCGC  
TTCCCTGAAGAGCTCACCCAGACCTTCATGAGTTGCAACCTCATCACTGGAATGTTCCAGCGATTGGACA  
AGCTGAGGAAGAATGCCCTTTGCCAGCGTCATCCTCTTTGGAACCAACAATAGCAGCTCCATTTCTGGAGT  
CTGGGTCTTCCGAGGCCAGGAGCTCGCCTTTCCGCTGAGTCCAGATTGGCAGGTGGACTACGAGTCATAT  
ACATGGCGGAAACTGGATCCTGGCAGCGAGGAGGCCAGACGCTGGTTCGAGAGTACTTTTCTGGGAGG  
GGGCTTCCAGCATGTGGGCAAAGCCTTCAATCAGGGCGAGATCTTCAAGTGAACATCTCTTGCCACCGC  
CCAGCTGCCTGCACCTGCCCTTCAGGGAGACGGGGGTTCATTAAAGGAACTGAAC  
>GBEQ0857 |Acc|CD469696|Ver|CD469696.1 GI:31390964|LeukoS2\_8\_G07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G07\_A024 3', mRNA  
sequence.:Start:1:Stop:775  
TGACAAATACATGACTATATCAGGATTTCAAATTGAGGAAACCATTGACCGAGAGACTTCTGGTAATTTG  
GAGCAGCTTCTCCTTGCTGTGCTGAAATCTATTGGAAGTATACCTGCCTACCTTGCAAGAACCTCTACT  
ATGCTATGAAGGGAGCTGGGACAGATGATACACCTCATCAGAGTCGTGGTTTCCAGGAGTGAGATTGA  
CCTGTTTAAACATTAGGAAGGAGTTTAGGAAGAATTTGCCACGTCTCTTTATCCATGATTAAGAGTGAC  
ACATCTGGGGACTATAAGAAAGCCCTCCTGCTTCTGTGGAGGAGAAGATGACTGATGTACCGCCCGGA  
GAGACCCCTGCGCTGTGCCGTGCCGCTGACCTGCCTTTCAGCGCATCTCGCTACACTTTTGTATG  
CCAGTGCTTGACACATGCTTATTCATACTAGCATGCTAATGACCAAAACAGATGCGTTGTAGGTGCTT  
CTCTCTGATCTTCAATTAAGGTCTTCTCTTCGACTCTTGTAGTACGGAAATGACTTAACGTTACTAAG  
ACTAAAGTCTGGTCATTTATATTTCTTTTAAAGAGGTCAGACTGCTTTTAGCCTTTTAAAACTTCATT  
TATATTAATCAATAACTGTATTACCTTATTAGGAACCTTAGCCTTGAAATTGTGAACCTCTGGAAGTGT  
TATTAATCAAGTTTGCTACTATATTAACACTAAAAAATTATGGTGGTGGCATTCGAAAGATTAATGAAAA  
ATAAA  
>GBEQ0858 |Acc|CD469694|Ver|CD469694.1 GI:31390962|LeukoS2\_8\_A06.b1\_A024 Stimulated



peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_A06\_A024 3', mRNA  
sequence.:Start:1:Stop:623  
CCTCCACAGTATTTGTGCAATGAAGCCCCACTCCTAGCCTTTCTAAGGCAGGGACACAGCCCCATTTC  
GGAACCTTGACCATCACCAGACCCTGGGGTCAGCTAAGGGAAAGCATGCCTCGACCAGTCGCCTTCCTAC  
CCCCGCTGCCATCCCCAGCCGAGGGGGAAGTGGGGACTACCGGAGACTCTCTGGGAGATGGGCGAGGT  
GGGGTGGCCCCACTCTTTCCCTCCTGCAGTCCCATAGCTGGGGCCTTCTTCTCAGGGTCTCCCTAGCTCA  
GCCCTCCTGCCCCCATCCCACCTTGGTGCTGTTGAGTAGCGGCCCTGCCAGGAACGACCAACTCAGCGAG  
AAGCCGTAGTGTATATGTGCACAAGCAGGGGACAAAGGGGAGCACAGGGGGTGTGCCAGGCATTACT  
CTCTAACCCTGGGGAGGGTGGAGCAGGGCAGGGACAGTCTTTGGGGTCAGTCCCAGATGGGTGGTTACC  
TCCCTTCTCCCTCTTAACCCCTGGGGCCCTCAAATGGGGTGGGAGGGCAGGGTGGGGCCCTCCTAG  
TGGGGTTTGGGGGGTGGGGTTCCTGAATGCACCATAATCGCTGATGAAATATTAAAAAGTCT  
>GBEQ0859 |Acc|CD469692|Ver|CD469692.1 GI:31390960|LeukoS2\_8\_G10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:687  
CAGAGGCCTACAGGGGCACCATGCTGCGCTGCCCACTGAACCTTTGCCAGCACCTCCGACCCCTTAAAGGG  
CCAAGCTACCCTCCCCTTCAGCCCCCTGGTCATCCCGGCCTTCCAGCCCACTTCTGGCCACTACAGCC  
CCCTCACCCTATGGCCGCTGGTCTGATGCACTTCCCCCAGCATCTTTCGACAGTGCCCTCCGCCACAGAC  
TTTCCCGGCCCTCTGCTGCGTGCCATGTGCCACCTGCCGCAAGCTATGCAGCACCCCACTCTTCCACCT  
CAACACAAAGCTGTAGGTGAGAGCCCGCAGCGCTGTGCTGTGCTGTGGAGGGTCTGACGTGGCCCCAAGAT  
GGGTAGGCACTGCCAGGGGGCTCTGGGCTGGAGCTCTACCCCAAGGAGAGCTTGGCTGTGTCTGATGGAG  
GCACATGCCCCCTGGCTGGGCAGCCCGGTGCAAAGAGGGAGGCAGTGGGAAGACTGGGTTTGTCTTTCAAG  
GTAGCAGCCCCGAGCCTGGGCAGTGGAGGCCAGTTGTGGCAGGGCCTTGGGAGAAGACGGTGCAGGGCTA  
GCAGTCCCAGCAGAAGTCTCAGAGCAGAGCTGGGAATGGGCTGAGGGGCCAAGGAGCTGGATAGCTT  
GAGGCATCCAGGCTGCCACAGAAAACCCAATAAAACAGCAATGTGAATCCACCCAG  
>GBEQ0860 |Acc|CD469691|Ver|CD469691.1 GI:31390959|LeukoS2\_8\_F01.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_F01\_A024 3', mRNA  
sequence.:Start:1:Stop:408  
CTCACCCATTGTCCCTGCCCGAGATCCCTCAGGCCACTCACTGGCCCCCACCAATGGCTTTCATACCT  
CGTTTTGGAATTTGATGCTGTTCTGTAGGGAAGACTTTTAGAGTCTGTGGCAAAATGGAAAATAAGAATT  
TCATGAAACTTTTTAAAGCCAGCTTTATCCAATTTGAAGGAGAGTCTTTATTTGGAGATTATTTCTTTT  
TTGCAAAGGGGTGTTGCTGACTGTGTATATAGGATAGATTTATGAAAAGCAGTTTTTGGATGGTGTGCCTT  
CCGGATCCTTTTTTGGGGCAGTGTGTTTGGAGCAGCATGTAGCCTGCTGGTTTTATCTGAGTGAGATACTTGT  
ACAGGGGAATAAAAGAGATCTTATTTTTTTTTTTTATACTTGGCGTTTTTTGAATAAA  
>GBEQ0861 |Acc|CD469685|Ver|CD469685.1 GI:31390953|LeukoS2\_8\_H08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_H08\_A024 3', mRNA  
sequence.:Start:1:Stop:685  
CATCCACAGCTGGCATACTGTGTTGTGCAGTTTTTAGAAAAGGACAGCACCCCTCACTGAACCAGTGGTAA  
TGGCACTCCTCAAATACTGGCCAAAGACTCACAGTCCAAAAGAAGTCATGTTCTTAAATGAATTAGAGGA  
GATTTTAGATGTGATTGAACCGTCGGAATTTGTGAAGATCATGGAGCCTCTCTTCCGGCAGTTGGCCAAA  
TGTGTCTCCAGCCCGCACTTCCAGGTGGCAGAGCGAGCCCTATATTACTGGAATAATGAGTACATCATGA  
GTTTAATCAGTGACAAATGCAGCCAAGATTCTGCCCATCATGTTTCCATCCTTGTACCGCAACTCCAAGAC  
CCACTGGAACAAGACAATACATGGCTTGATATACAACGCGCTGAAGCTCTTATGGAGATGAACCAGAAG  
CTCTTTGATGACTGCACCCAAACAGTTTAAAGCAGAGAAACTGAAAGAGAAGCTAAAAATGAAAGAACGAG  
AAGAAGCGTGGGTTAAATAGAAAATCTAGCCAAAGCAAACCCCAAGTACTAAAAAAGAGAGTAACGTG  
AAAACATGTAGGGTTTTACGTGAATGTCTTTATAAGATAGGAATGTGGCTGCATCATGGGAGGGGAAGGA  
AGTTGATTTACTAACATTGTGTATGAAAATATCTGCAATAAAAAACTTCTCAAC  
>GBEQ0862 |Acc|CD469681|Ver|CD469681.1 GI:31390949|LeukoS2\_8\_C12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C12\_A024 3', mRNA  
sequence.:Start:1:Stop:766  
TCAGAAGATGAGGTGGCTGTTGACATGGAATTTGCTAAGAACATGTATGAATTGCACAAGAAGGTCTCTC  
CAAATGAGTCTCATCTTGGCTGGTACGCTACAGGCCATGACATCAGAGCACTCTGTGCTGATCCATGA  
GTACTACAGCCGGGAAGCCCCCAACCCATTACCTCACTGTGGACACGAGCCTCCAGAACGGCCGCATG  
AGCATCAAGGCCTATGTGAGCACTTTAATGGGTGCCCTGGGAGGACCATGGGGGTGATGTTACACCTC  
TGACAGTGAATATGCATATTATGACACAGAACGCATCGGAGTTGACCTGATCATGAAGACCTGTTTATG  
CCCCAACCGGGTATCGGACTCTCAAGTGACTTGACAGCAAGTAGGAGGGGCGTCGGCTCGCATCCAGGAT  
GCCCTAAGCACAGTGTGTCAGTACGCAGAGGATGTACTGTCTGGAAAGGTGTCAGCTGACAATACAGTGG  
GCCGCTCTTGATGAGTCTGGTTAACCAAGTACCCAAGATAGTTCTGATGACTTCGAGACCATGCTCAA

CAGCAACATCAATGACCTGCTGATGGTGACCTACTTGGCCAATCTCACACAATCACAAATTGCCCTCAAT  
GAGAAACTCGTAAACCTGTGAATGGGCCCAATCCTAGGACTCAGAATGGAGTGAAATAGCTGGTTTCTT  
TGTGGTTTGTAGTCACACCGAGTCAGTCAACTGCTTGTGAGTCTCAATAAACTTAGCCTACCTTTGT  
>GBEQ0863 |Acc|CD469676|Ver|CD469676.1 GI:31390944|LeukoS2\_8\_F07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_F07\_A024 3', mRNA  
sequence.:Start:1:Stop:765  
GAAGTATCAAATTGACAACTGGTCAAGACTGCAGCAACAGGCAGCCTCAGTGAGAACGACCCCCCTCCGT  
TTTAAGCCTCGTCCCAGCAATATGATGAGCAAGTTGAGCTCTGAGGATGAGGAGGAAGATGAAGCAGAGG  
AAGGCCAGTCTGAGTCTTCAGGAAAGAAATCTGTAAAAGGAACAGCTAAGAAATATGTTCCACCACGCTT  
GGTCCGGTACATTATGATGAAACGGAAGCTGAGCGGGAGAAGAACGCGCTGGAACGAGCCAAGAGACGG  
GCAGTGAGCAGCTCTGTCATTGCTGAGCTTAGGGAACAGTACTCAGATGCTCCAGAGGAAATCCGTGATG  
CTCGGCATCCTCATGTTACTCGCCAGAGTCAGGAGGATCAACACAGGATTAACATATGAGGAGAGCATGAT  
GGTGCCTTTAAGTGTGAGTAAGCGAGAGAAAGGACGGCGGAAACGAGCAAATGTCATGAGCTCACAGCTT  
CATTCCTTCACGCACCTCAGTCAGTGATCAGTGCTTTGACAGGAGGAACGCGCTCATCTTGATGAGGATCAGA  
ATCCTGTTAAGAAGCGGAAGAAGATACCTAAGAAAGGTGAGAAGAAAAAGGTTTTTCGGAGGCGGCGGTG  
ATTATGGGTGTACATATTTATATATATTTTGTGTCATCCTGGGATGCTTCTAATTTCACTGTATGTAGGTT  
TTCTCCTTGAATTCATTAATTGTTTGCCTTGACATGTGGAAGTCTTTTATTAATAAAAGTGA  
>GBEQ0864 |Acc|CD469674|Ver|CD469674.1 GI:31390942|LeukoS2\_8\_G05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G05\_A024 3', mRNA  
sequence.:Start:1:Stop:695  
GAGCTGGAAAAATCGCATGTCCAAGCCCGTTTGAGTGATTTCTTTTGGTTTTTCATTGCAGGGANCCGGGT'  
GGGAGGGAGGTGGGAAATAGGGGCACTTTGGGGGTCTCCTTTTAGTCAAAAGCAGGAAATGACAAGAAAG  
AGATTAATACTCAATGTTTCTTTAATAGTGTTAAACACTAAAATTTTAAAAAAGACAAAAAAGAAA  
AAAACCTTTGTAAATGAGAGAACAGAAGCAAAAGACACTACGCTCTGTCATTTTATCTTTCTTTTGTGTA  
AAGACTAAAAACTGAAATGTTTTTTAGACAATCAAATGTTAGGTAAGTGCAAAACTTGTTTTTCTTAC  
TGGTGTAGAAATTAATGCCTTTTATTTTTCGGTTATTTTATAATAACAAAACAAAAAGAACCCCTA  
GCTGCCAGGTGGGTTTTGGTGTGTTGAAATGCGGGGCAAGCACTACATCACTGCAATAGATACAGAGTT  
AGTCTGCATGTCTGTAGGCTGTGAGATTGCGGAAATATAAATGCTGCTAATATATTTCTTTTACAAA  
AGCATATCTAAATAGATGATTGTTTTGATGTTAATCTTTGTAAATTATGTATTACCAATTTTAACATTGG  
ATGTAATTGCATAAAAAAGCTTGCATCTCAATCCTTGAAAGTCTAGTATTAAATGGAAAAAATTTT  
>GBEQ0865 |Acc|CD469672|Ver|CD469672.1 GI:31390940|LeukoS2\_8\_C11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:429  
CCAGCAGGGGTTCCCTCCTCCTCTATTGCTGGGGCGGTAGTGCCCTCAAAACGCCAGGGGTGTATCAG  
GAAACCCCTCAGGAAGGGGCAAAAGGGGCTTCAATTTTAAGAGGGGACAGGGAGGATTTTTTTTCCAAGTT  
TGGAAAGTTGAAAGGAGATGCCCTTCAGGCCATTAAAGAGGAGTTGCCCGAGATAAAACAAAAGGGGGAT  
TTTTTGGCGGAAAGCCTAGTATTTTCAGCACATGTTCACTGTTTTCCCCATCCTTGTCTTCCCATGTTT  
ATTAATTCATATTGCCCTGCGCCTAGTCCCATTTTCACTTCTTTGACGCTCCTAGTAGTTATGTAAAGT  
TTTCCCCGGTAATTTTTGCTTTTAATTTGGATCCCTCTTTATGACTTAACAATAAAAAGGATGTATGGTT  
TTTATCACC  
>GBEQ0866 |Acc|CD469610|Ver|CD469610.1 GI:31390878|LeukoS2\_7\_E01.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_E01\_A024 3', mRNA  
sequence.:Start:1:Stop:196  
TGGTAGATTATTCATAATGTGAGATGGTTCCCAAGATCATGTGATTTTTTTTTTTTCTCCCTTCCCTTT  
TTTTGTTGTTTTTTTTCAGCCTGTGCAATACTTAGAGAACCTATAGCATCTTTTCATTCCCATGTGGAACA  
GGATGCCACATCCTGTCTAATTAATAAATTTTCAACTTTTTTCAAACAAGTATGA  
>GBEQ0867 |Acc|CD469607|Ver|CD469607.1 GI:31390875|LeukoS2\_7\_B08.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_B08\_A024 3', mRNA  
sequence.:Start:1:Stop:447  
AGAATATGACCAAGGAAAAAATAAATAACCAGTGATATCTGTTTATTCAGGTCCACTCCAAAGTGGT  
AGAAACATAGAAAGAGTATCCTTTTATCTAGGATTCTCCATGGAAGGCCCTTTGGCATATGATATAGAAG  
TAATTTAAGAGAGAGATTAAACGCAATATGTCTATTCTATCTATCCGATTTTGTTCCTCTCTATA  
TTCGTATGGCATTTTGATAACGTTATTGGCTTACCTCTAATCCCAGATTTTGTCTTTGTTTCCCAGATG  
AATTATAAGCCTTTTATGGGCACGAAATGTCTCCATACGAGAGTTTGGAAACACAGTAGAGTCAATTGT  
TGAATGTTTTAAGTATGCATTTTCAGACTACCATTTAATTAATAAAGTTTCAATTGGTATCCACTGTTTCAC  
ATCATATCTGGTTGTAAGTCAATAAAA  
>GBEQ0868 |Acc|CD469605|Ver|CD469605.1 GI:31390873|LeukoS2\_7\_H07.b2\_A024 Stimulated

peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H07\_A024 3', mRNA  
sequence.:Start:1:Stop:126  
TCATAAGTACTTGTGTCAGCCAGAATGTTTTGTTTTTAAAGAAACTGAATTTCCCTTGCTTCCCTAAATA  
TTTTGAGGTTAAGGTGTTAGTTTTTCATAGGACATTGAGAGGCTCCTGTCTCTTTCA  
>GBEQ0869 |Acc|CD469600|Ver|CD469600.1 GI:31390868|LeukoS2\_7\_H06.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H06\_A024 3', mRNA  
sequence.:Start:1:Stop:711  
AACAAAAACCAAGAGACCCCTTGGGGACAAAGACCCCGAGGCCCCAGCCCATTCGGAAGAGCCCGGC  
GAAGGCAGCAGCTGCAGACAACTCGGAGGCCAGGCCCTTCCGGGGTAACGTGGCTAGGGTTTCACAGTG  
CAATCTCTGCCCCACGAGATAGAAAGTTGCCACAGATGCCGCGGTTCTCTCCGTCCCAGCTGTGACGTTG  
GTGGCCTGAGCTAGGAGAGAAAAAGAGTTTTCTACTCAGTTTTTGGTTCCCTGCCCGAGGTGCTGACCCAA  
CTTGCTGCCAAAAGAGAGTCAATCAGAGTATACAAACCTGTATGGTTGTGTCATCCTCTCTTAATCATT  
TTTACTAATTCTGATAATCAGCTCTAGCTTGCTTCATAACTTTTCATGGCTTTGCTTGATCTGTTGACGCT  
TTTTCTCATCCAGACATTGCAGCATTTTAGCCAGGCAGTATTTACTCATTTGTTAGGAAAATCAAGATGT  
GGCTAAAGGTCAGAGGCTCAGTAGCAACCGATGTTGTAGCAGTGATGTCAGTCCATTGATCGTCTTAGA  
GTTAATGTTGAAAACAGTTCTTATTGATCAGACAAACATGATCTGCTGAAGACACATGCGCTTTTGTAG  
AATTTAACATCTGGTGTCTTTCTGAAAAATATATATACATATATTGCTTTATTTGAAACAAATTAAT  
ATGCTGCATT  
>GBEQ0870 |Acc|CD469599|Ver|CD469599.1 GI:31390867|LeukoS2\_7\_B06.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_B06\_A024 3', mRNA  
sequence.:Start:1:Stop:558  
TTTGCAACAGATTTCTGTAGTAATTGTGAAGAAGAACCAAGGTGGGGAGCAATACTACAAGTTGCGTAG  
CGGTATAAGTATGTACCAGAAGCCTAATGGCAAAAAGTTTTATGAATCAGAATAATACTTGGTTATGGAA  
GTGACTGATGCTAAAAAGAACTCATTATTTTTTATTAGATAATTTCTCACCTATAGACTTAACTGTCA  
GCCTGCTAGTGTCTATTAGTTAACTTTGTAAATATATATATATTTCTTGTTTTTTCATTGTATGCAAT  
TGAAGAAAGATGTACCATTTCTCTGTTGTATGTTGGATTATGTAGGAAATGTTTGTGAACAAATTCAGAA  
AAAGATGAAAAAGTTCCCTGTGGATGTTTTGTGTAGTATCTTGGCATTGTATTGATAGTTAAAGTTCAC  
TTCCGAAATAAATAAACACCCCATATGCTTAGATTCCAATGTGTGCCAGATTTGAACAACGGGTTGG  
TTGAACACCCTGTATAAATTTGTTAAACACGTTCTCTTCTGTAATGGAATAACAAGTAATCTTAAAT  
>GBEQ0871 |Acc|CD469589|Ver|CD469589.1 GI:31390857|LeukoS2\_7\_C03.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_C03\_A024 3', mRNA  
sequence.:Start:1:Stop:493  
AGCAATAATTTCTGTACATGATCAAGGGTTTATTGCAGCATTGTTTTCCAGTTCTCTCTTTTTTTTAAAG  
GGTTAGTATTAAACAAATGACAAGGAGTAGAAAAGTCAGCATAGAGATTTTAGACGGAGAATTTCCGGGAC  
ACAGATTTGTGATTCTCGGATGCGACACTTTTGGATGTGATTCTAAAAGCTTTTATTGACCATTTGTCAA  
ATTTGTAAGCTTCATAGGGATGGACATCATATTTATAATGCCCCTCTATATGTGCTACCATAGAGGTGAA  
ATTTTGTACCTTAATATCGTCTTTGAAAATGTTAAATTGAGAATTCGTAACTTACATTTTATGAATTG  
GCATATTGTATTACTGCAAGAGATTTGATTTTCAGCACAGTGCAAAGTTCTTTCAAATGCATATGTCTTT  
TTTTCTAATTCATTTTGTTTTAAAGCACATTTTAAATGTAGTTTTCTCATTTAGTAAAAGTTGTCTAAT  
TGA  
>GBEQ0872 |Acc|CD469585|Ver|CD469585.1 GI:31390853|LeukoS2\_7\_C02.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_C02\_A024 3', mRNA  
sequence.:Start:1:Stop:425  
TTTCTCTGTCTGGAACCATGGCCAGTTTGTCCGCAACCTCGCGGAGAAGGCCCGGCGCTGGTGAACG  
CTGCTGTGACTTACTCGAAGCCTCGACTGGCCACATTTTGGCACTATGCCAAAGTTGAGCTGGTCTCTCC  
AACCCTGCTGAGATCCCTACAGCTATTTCAGAGCTTGAAAAAATAGTCAATAGTGCTCAAACCTGGTAGC  
TTCAAACAGCTTTTCAGTTAAGGAAGCTCTGCTGAATGGTTTGGTGGCCACTGAGGTGTGGATGTGGTTTT  
ATGTTGGCGAGATCATAGGCAAGCGTGGCATCATTTGGCTATATGTTTGAAGACCAATCTTTAAGCTCTG  
TTTATATTTGTTTTATTATTGAGTGTTCTTGGACCATGCGTGATGCGACTTGTATTGAATAAAATAAAG  
ATAAC  
>GBEQ0873 |Acc|CD469497|Ver|CD469497.1 GI:31390765|LeukoS2\_4\_D04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D04\_A024 3', mRNA  
sequence.:Start:1:Stop:394  
AAAATTGCAGTGGAAATAACCCCGAGGCTAAAGCATTCTACAAAGGTTTGACTGAACTGTGGCCATC  
TCATCTTCTCTGTATGTTAGGTCAGCGTACTGTTTTGCTTTTTANTTGCAATCTTTTACCAGTTTGTGCAA  
GAACTTTGGTAGTAAATGCTTTGTTCCATTTTAAGCTTAGATGGAAAATATTTTTATTTTCTGGAGGAAG  
AGGTATCTACTGTATAATTGCACCAAAGTACAAACAAAGGAAGCTTTCTCAGTAGTGTGACACTGCAGC

CGCGTCGGTAAATCACAAGTGGAGAACTTGTAGGCTGAGGAAGGTGTGGAAAATGCTCCTCTGCTAGT  
AGAATGCAAAGACCTACCGAAGCCACATAATAAAATTCTTTTAC  
>GBEQ0874 |Acc|CD469494|Ver|CD469494.1 GI:31390762|LeukoS2\_4\_A12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_A12\_A024 3', mRNA  
sequence.:Start:1:Stop:534  
CCGGGAAGATGGCGGACATTAGACCGAGCGCGCTACCAGAAGCAGCCGACTATCTTTCAAATAAGAA  
GAGGGTCTGCTGGGAGAGACTGCCAAGGAGAAGCTCCCGGATACTACAAGAACATCGGGCTGGGCTTC  
AAGACGCCCCAAGGAGGCCATTGAGGGCACCTACATTGACAAGAAATGCCCGTTTACCGGTAATGTCTCCA  
TCCGAGGGCGGATCCTGTCTGGTGTGGTGACCAAGATGAAGATGCAGAGGACCATTGTTTCATCCGTCGAG  
ACTACCTCCACTACATCCGGAAGTACAACCGCTTTGAGAAGCGCCACAAGAACATGTCCGTGCACCTGTC  
CCCCTGCTTCAGGGACGTCCAGATTGGCGACATTGTACAGTGGGCGAGTGCCGGCCCCCTAAGCAAGACC  
GTGCGCTTCAATGTGCTCAAGGTACCAAGGCCGCCGCCAGCAAGAAGCAGTTCCAGAAGTTCTGAGACG  
ATGCTGCTGCTCCCCCAAAACAAAATAAAGTTATTTTCTCAGC  
>GBEQ0875 |Acc|CD469487|Ver|CD469487.1 GI:31390755|LeukoS2\_4\_D05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D05\_A024 3', mRNA  
sequence.:Start:1:Stop:379  
CAGGACCTGCTGGGAACCCAGCCCCACACCAACAGGTTCTGTTCCACAAATGCATCACACCCCAAGA  
TTACACAGTGGAGAACTCTCATCCGGATGGGCGTGNGCTGGCTTGATCCTACTGGTCTTGGGATTCTACT  
ATTTACAGGCTCGACACAGCCTGACAACACCCCAAGATGCAGCCAGGAGATAAATACAAGAGAGAACAAG  
CACTTCTCAGAATGGTAGAGCCTTGGAAATAAATCTTGTGTGCCAGCAGGTTTTGGAAAAGCATCTGGG  
GCATATGCTGAGTGACCTGTCTGCAGATTATTGTGAGCTGGAGGAAGCATTGTTTATGTGCAGGGACCAT  
GTCTGGACTCTTCTAACATTAAACTGTGT  
>GBEQ0876 |Acc|CD469485|Ver|CD469485.1 GI:31390753|LeukoS2\_4\_F09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F09\_A024 3', mRNA  
sequence.:Start:1:Stop:457  
GAAATACCTGCATTTCCTTTGTACCACATTCAACCAACATCACTATGATTTAACTAGACTCCTCATGTC  
TATTAAATTGCTTTAAAGAATAAATTATACTGTTTGTAATAAATTCAGTTTGAGAAGAAAATTGACAGGC  
AGGGGTTGATACAAAGTCTTCAGGAACCTGACTGTTGNGNAATTATAGATATACCCCTTTGTTATGACA  
AAACCCGGTTGAAACACACAGTGAGTTTCAGAGTGGGTATTTGACATGTTTTGCTGTGTGGAGTGCGCTGC  
TCTAATGTTCCATTGATGTGTTTGAGAGCTAGTAGACACCGTGTGTTTGAAGTGTGATTGCTGTTATG  
AGAACTTAAGACCCAAATGAAAGCACATTGTGCTCTCAGGACTTCACACCACCTTACCTTTTTCTCTGT  
ATATCTGTGTATTTTCAAATGTTACTCTATTAAAGCA  
>GBEQ0877 |Acc|CD469484|Ver|CD469484.1 GI:31390752|LeukoS2\_4\_F12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F12\_A024 3', mRNA  
sequence.:Start:1:Stop:594  
TTAAATGGTTAATTTGGGGACAAAAAGTTTTATAGAAATTTTAAANAACTTTTGAAAAAGAAAGTTTAAAGTT  
TTATCACCTTTTTTTTCTCATGAATTCTTAAAGTCTACTTTATCTACCTATTGTCCTGGAAAATACCTG  
CATTTCCCTTTGTATCATTCAACCAACATCACTATGATTTAACTAGACTCCTCATGTCTATTAAATTGC  
TTTAAAGAATAAATTATACTGTTTGTAATAAATTCAGTTTGAGAAGAAAATTGACAGGCAGGGGTTGATA  
CCAAAGTCTTCAGGAACCTGACTGTTGTGAATTATAGATNATACCCCTTTGTTATGACAAAACCCGGGTG  
AAACACACAGTGAGTTTCAGAGTGGGTATTTGACATGTTTTGCTGTGTGAAGTGCCTGCTCTAATGTTAC  
CATTGATGTGTTTGCAGAGCTAGTAGACACCGTGTGTTTGAAGTGTGATTGCTGTTATTAGAAACTTAA  
GACCCAAATGAAAGCACATTGTGCTCTCAGGACTTCACACCACCTTACCTTTTTCTGTATATCTGTGT  
ATTTTCAAATGTTACTCTATTAAAGCAGAAGTAT  
>GBEQ0878 |Acc|CD469483|Ver|CD469483.1 GI:31390751|LeukoS2\_4\_D01.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D01\_A024 3', mRNA  
sequence.:Start:1:Stop:550  
GAACCTTTTTGAAAAACTTAGGAAAGTAGAGAGTCGTGCTCCTCAGACGAAGATTTAAAGCTGACAGAAC  
TCCTTCGATACTACATGCTCAACATAGAGGCTGCAAAGGATCTCTTATACAGACGCACTAAAGCCCTCAT  
TGACTATGAGAACTCAACAAAGCCTTGGATAAGGCCCGTTAAAAAGCAGAGACGTCAAGTTGGCTGAA  
GCACACCAGCAGGAATGCTGCCAGAAATTTGAACAGCTTTCTGAATCTGCAAAAGANANGAACTAGTCAA  
CTTCAAAAGAAAGAGAGTGGCAGCATTTAGAAAGAAATCTAATTGAAATGTCTGAACCTGGAAATAAAGCAT  
GCCAGGAACAATGTCTCCCTCTTGACAGCTGCATTGACCTGTTCAAGAACAACCTGATCTCCTCTCTCC  
GAATGAAGGACATGAATGTGGAGAAAGCCAGCATCACTTGCACTTAAATCATTGCCACGGAGATTATT  
ACCTTCGACTTTAGTTTAAATCATGTTGTGAATAAATATTTGATTTCTAAAAATCTTA  
>GBEQ0879 |Acc|CD469481|Ver|CD469481.1 GI:31390749|LeukoS2\_4\_B07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B07\_A024 3', mRNA

sequence.:Start:1:Stop:271  
GGAGAATGCTTGGGTGAAGCGAAGTTCCAACCCCTCCTGCACGATCTCAGAGTTCAGACACAGAGCAGCAG  
TCCCCGACAAGTGGTGGAGGGAAAGGAATTCAGCTCAACCATCTGAGGAGGGACCAGCAAGGAAAGATG  
AAAGTAAAGTAGACGGGGTGAGTGTCCCAAAGGCCAAAGTGGGAGCTCCAGCCGTGGTCCAGGAGACGG  
AGGGAGCAGAGACCACTGGAAGGAGTCAGATAGGAAAGATGGCAAAAAGGATCAAGACTCC  
>GBEQ0880 |Acc|CD469480|Ver|CD469480.1 GI:31390748|LeukoS2\_4\_C09.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C09\_A024 3', mRNA  
sequence.:Start:1:Stop:547  
ACCAAAGACCGAGCCTCTGGCGGGAGGGCCAGACCACCCACGGATCTGAAACAAGTGGACACTCGACCG  
GGAGTCAAGAAGGTGGGGCAAGCACAACTCGGGTCCCATACGGAGACCTCAAATTCAGAATGGCTGAT  
CATCTTGGCGTCCCTCCTGGCCCTGGCTCTGATTCTCGCAGTTTGCATTGCTGTCAACAGTCGAAGAAGG  
TGTGGACAGAAGAAGCTGGTGATCAACAATGGCAATGGAGCTGTGGACGACAGGANAAGGCAAGTGG  
GCTCAATGGAGAGCCAGCAGGTCTCAGGAGATGGTGCCTTGGTGAACAAGGAGTCGTGAGAGACCCAA  
GACCAGTTTATGACACCGGACGAGACACGGAACCTGCAGAATGTGGACATGAAGATTGGGGTGTAGCACC  
TGCACCTTGACCTTGGGAAGAAACACAGTCAGAGAGAGCAGTCACAGGGGGCTGGGACATTTTCACAGAT  
GTGATGTGCTACTGACTGCTTCATTCGGGATCTTTTTTTAACATAAAATTTTCTACT  
>GBEQ0881 |Acc|CD469475|Ver|CD469475.1 GI:31390743|LeukoS2\_4\_D08.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D08\_A024 3', mRNA  
sequence.:Start:1:Stop:551  
CTCCGCAACGCGGGGATGCAGACACCCAACGGCGTGTGCGCGGCGATGGCGGGCGGGGTGTGCAGCCCC  
ATAGCCTGGACCTCAGCCACAACCTCGCTGAGCGCCGCTGCTCCGGGCGCTCCAGGTGTGACTGGCCAG  
CGCATGAGTTCTCTCAACTTGTCTTCGCTGGGCTGGAGCAGGTGCCTAAAGGACTACCGGGCAAGCTT  
AGCGTGCTTGATCTCAGCTGCAACAGGCTCAACAAGGCGCCGCGAGCAGACGAGCTGCCCGTTGGTGAGT  
AATCTGATACTGGACAGGAATCCCTATCTGGACCTGAAGCGTCCAAGCAGCAAGACCAGAATCCGGCG  
TGGTCGCGCCCTGTGCGCACTCAGCCCTGACCGTGGGGATATCAGGAACCCCTGGCGCTGCTTCGAGGAGC  
CGGGGACTTCGCCTAAGCCCCAGGGGAGAAGAATGAATTGACTCAGATTGCCCTGGCTCCAGGGGAGCCT  
CATTAGGACGCTTAAACCAACCGACCTCTGCCCATCTTCATTAAATCTTAAACAACGA  
>GBEQ0882 |Acc|CD469474|Ver|CD469474.1 GI:31390742|LeukoS2\_4\_H04.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H04\_A024 3', mRNA  
sequence.:Start:1:Stop:438  
TCAACCAACATCACTATGATTTAACTAGACTCCTCATGTCTATTAAATTGCTTTAAAGAATAAATTATAC  
TGTTTGTAAAAAATTCAGTTTGAAGAAGAAATTGACAGGCAGGGGTTGATACCAAAGTCTTCAGGAACCT  
GACTGTTGTGAANTTTATAGATATACCCCTTTGTTATGACAAAACCCGGGTGAAACACACAGTGAGTTCA  
GAGTGGGTATTTGACATGTTTTGCTGTGTGAAGTGCCTGCTCTAATGTTACCATTGATGTGTTTGCAGA  
GCTAGTAGACACCGTGTGTTTTAGAAAGTGTGATTGCTGTATTAGAAATTTATGACCAAAATGAAGCACA  
TTGTGCTCTCAGGACTTCACACCCTTTACCTTTTTTCTGTATATCTGTGTATTTTCAAATGTTACTCT  
ATTAAAGCAGAAGTATAA  
>GBEQ0883 |Acc|CD469464|Ver|CD469464.1 GI:31390732|LeukoS2\_4\_B10.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B10\_A024 3', mRNA  
sequence.:Start:1:Stop:329  
CAGCACAGTACGAGACGCTGTCCGATAGTGTGACTGAACTGCTACAGNAGAAGGAATCTTGGCGGGGCC  
AGGGTGTGGGGGGGGATCTCTAGTTTTTGGTGATTTTATTTTAAATGTCAGGTCAAAAACCTGCCCTCCT  
ATGACTTGTGCCCAGAGACTTTTCAGGAGAGCCTGGACCATGGATGATGAAGAAATGATGGAAATTTAT  
TGGAGAGTCAAATGGGGGGGAACCTGCTTTGATACAGGCAGTTCAGCAAATTTATAATAATAGTGGAGGGT  
TGAAATGTAGAGTTTTTAAAAAGTGGACAATTCCTGTCTTACATCTGT  
>GBEQ0884 |Acc|CD469463|Ver|CD469463.1 GI:31390731|LeukoS2\_4\_C12.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C12\_A024 3', mRNA  
sequence.:Start:1:Stop:527  
CAGTCAGATGATGAAAACCCAGCTACTGTCTGAGCAGCCGGCTGAGGGTCTTTGCTGCCTTTTGGCACA  
ACCCCGCAACCACTTCCGCTGCCAAGTCCAGTTTTTCGGCTCGCGGAGAACCAGTGAAGTGGAAAGAGAA  
CCGGACCAAACTGTGAGGAGAAACATCAGTGCTGAGGCTGGGGCAGAGCAGACTGTGGCCTCAGCTCA  
GTGTCCTATCAGCGAGGGGTCTGTCTGCCACCATCCTTTATGAGATTCTTCTGGGGGAAGGCCACCCGT  
TATGCTGTACTGGTCAGCGCCCTTGTGCTGATGGCCATGGTCAAGAAAAAGGATTCCTGAGACCAGCTCC  
AAAAGTGTATCTTGGGTGTTCTTAATCCTTACCCTAGAGTGTCAATTTACGTGCTTCCAATCTGTGTTCC  
TAAAGAGTTATTTCTGTCTACCTTTTATCTCTCTTCTGCATGTCTGTCCCTTCTCTGCTTCCCTGAA  
TCTGAAATAGACTAAGGTAATAAAAGTGTGATGCGGG  
>GBEQ0885 |Acc|CD469462|Ver|CD469462.1 GI:31390730|LeukoS2\_4\_E11.b1 A024 Stimulated

peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_E11\_A024 3', mRNA  
sequence.:Start:1:Stop:530  
CATTGAAATTCGAGTGACGTGCAGCTGATTAAGACTGGAGACAAAGTGGGAGCCAGCGAAGCCACACTG  
CTGAACATGCTGAACATCTCCCCCTTCTCCTTTGGGCTGATCATCCAGCAGGTCTTTGACAATGGCAGCA  
TCTACAACCCGGAAGTGCTTGACATCACAGAGGAACTCTGCATTCTCGCTTCTGAGGGTGTCCGCAA  
TGTTGCCAGTGTGTCTGCAGATTGGTTACCCCACTGTTGCATCAGTACCCCATTTCTATCATCAATGG  
GTACAAGCGGGTCCCTGGCTTTGTCTGTGGAGACTGATTACACCTTCCCACTTGCTGAAAAGGTCAAGGCC  
TTCTTGGCTGATCCATCTGCATTTGTGGCTGCTGCTGCCGAGCCCCAGCCAAGGTTGAAGCAAAGGAAG  
AGTCGGAGGAGTCGGACAGGATATGGGATTTGGTCTCTTTGACTAATCACCACAAAGCAACCAATTCAG  
CCAGCTTTATTTGTGAACAAAGAAATAAAGGCTTACTTC  
>GBEQ0886 |Acc|CD469460|Ver|CD469460.1 GI:31390728|LeukoS2\_4\_B05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B05\_A024 3', mRNA  
sequence.:Start:1:Stop:418  
TTTCTTTAGTTTTTGTAAAGTTAATTGACTTATTTATATAAATATTTTTTTGTTTCACGTTGATGAGCG  
TCTAGGCAGGACCTGTGACAAAGTTCTTAGTTGCTGTATGTCACTGTAGGACCATGGANAAAGGGAAC  
TGAACATTCCAGAGTGTACAGTGAATCACTTAAGCTAGAAGCGATCCTCAGCTGTTTGTGCATAAATAAT  
CTCTCCATTCCAGTGGACATTTTCTTTTGCCTGTCTTAAATTTGTTGGATACACCATGTGACTTTTCG  
CTGTAAAAGTTGGCACTTACAACCAAAGCCTGAAGTGGTATAGAAATGCTCGTTTTTTCAGTTTTTCGGAAG  
TGGGTTGATAGCAGCGCCTGTAATGTACAGTCTGTATTAAAGTTGTTAATAAAAGTAGTGTGATAAAC  
>GBEQ0887 |Acc|CD469454|Ver|CD469454.1 GI:31390722|LeukoS2\_4\_H10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H10\_A024 3', mRNA  
sequence.:Start:1:Stop:571  
ATGATGAAAACCCAGCTACTGTCTGAGCAGCCGGCTGAGGGTTCTCTGCTGCCTTNTGGCACAAACCCCG  
GCAACCACTTCCGCTGCCAAGTCCAGTTCTTCGGCCTCGAGGAGAACGATGAGTGGAAAGAGAACCGGAC  
CAAACCTGTGAGGCAGAACATCAGTGTCTGAGGCCTGGGGCAGAGCAGACTGTGGCCTCAGCTCAGTGTCC  
TATCAGCGAGGGGTCTCTGTGCCACCATCTCTATGAGATTCTTCTGGGGAAGGCCACCCGTATGCTG  
TACTGGTCAGCGCCCTCTGTCTGATGGCCATGGTCCAAGAGAAAGGATCCCTGAAGCCAGCTCAAAGGTG  
GAGCTAGAAGCTTCCAGACCATTATCACCCACCATTGGAGTTTCTTTTCTTTTCTTTTCTAGCCAGGGCTTC  
TGAAGAGCTGTTTCTCATCTCTACTCATCCTGATATCTACTCCCTCAAGTGCTTGACACCTCGACACT  
CATGACCAAAATCTCTCTGACCCAAGGGGGACCCTAGTGTGCCTGTGTTGACTGAACCAATAAAAAATGGC  
CTGTTCTGGCT  
>GBEQ0888 |Acc|CD469444|Ver|CD469444.1 GI:31390712|LeukoS2\_4\_F11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F11\_A024 3', mRNA  
sequence.:Start:1:Stop:532  
TCAGGAAGAAGAAGATGAATCTGTGCCCCCTAACCTTAAGACCAGACATCTCCTTAAATAAGTCACAGTTA  
GATGACTGCCCCAAGGGACTCTGGTTGCTATATCTCTTCAGAAAATTCAGATAATGGCAAAGAAGATCCGG  
AGTCTGAAAATCTGTCTGACATGGTACAGAAGATTACTATCACAGAGCCGAGTGAACACACGTTCT  
CAACTCTATATTTGCAGAAGCATTCCATTTGAACCTCTCTTGAGCTAAAAGATGAAATAGGGAGAAGAAA  
AGTATTTGTAGATACACCTAAAGTTAAATGTCTCAATCTGAATGTACATAAAAGTTTCATATCTCTAGC  
ATTCTCAGTTATTGTAAATAATATGCATATTTATTACTTTAAATGCTACATGTTAATATAGCACTTGCCT  
GTATTAGAAAAAGTATATATAAGTCTTTGTTATGTACATAAGCTTTATTTGGCTTTCTTTTACAAGTGC  
AAAATGATAAATCCGCGAGAAAAAAAACCCCTACTTTTTTC  
>GBEQ0889 |Acc|CD469353|Ver|CD469353.1 GI:31390621|LeukoS2\_3\_D09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D09\_A024 3', mRNA  
sequence.:Start:1:Stop:620  
ACTGGAATGCAAGGCTCCCCACACGAAAAAGGAATAGGGCTGAGCTGGCTACGAGAGTCCATTCCATGT  
TTCTATTTCATCCACCCCAAGCTCAGGGTCCCTCCCATCTGAGCCAGTGTGCTGGTGTGACTTTTAAATCATCT  
GCCATTCTTCTGCCAATTGCAACCTCTTGGATCAGGGTTTGTTCATTAGGAAGGATGGGGGTAGAGATTT  
TCAGGTAATATTTTGTATTTATTTTGTGCTGTCTGTGCATGTACTATTAATTCACCTAATCATTTGGCT  
GAGATTTTCTTTAGCAGCAATTTTTCAGCTACTTACCTATTCTGGGCAAGTCTTGCCCTGTTCTCTCTGT  
CTTCTTCTTCTTCTTCTGCCCCCTACAGGACAGACCTGGACAGTGAAGAGACTAAGGGGCTTGTGGCTT  
CTCCCTCCCTCAGCCTGGCTGGGACTGACTCCTGGACCCAGTGTGGTGGGGGAAGGGGACGGAGAA  
TGACTCAGGCAGGGCCCCGGGTGGGGTGGAGGTTCTGTCTGTCAGTCCAGGCGGAAGGGAGTGGAG  
AGCGCGCTGGTTCTGTGCTGAGTGGGGGAACAGAAATGGGGCAATAAGACACAGAGAC  
>GBEQ0890 |Acc|CD469352|Ver|CD469352.1 GI:31390620|LeukoS2\_3\_B12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:699



GAGTGGCTCCTCAGATACCTGGAGAACGGGAAGGAGACGCTGCAGCGCTGGACCCTCCGAAGACACATG  
TGACCCACACCCAGCTCTGACCATGAGGTACCCCTGAGGTGCTGGGCCCTGGGCTTCTACCCTGCGGA  
GATCACCTGACCTGGCAGCGTGATGGAGAGGACCTGACCCAGGACACGGAGTTTGTGGCGACCAGGCCT  
GCAGGGGACGGGACCTTCCAGAAGTGGGCGGCTGTGGTGGTGCCCAAGGCTCTGATGCGTCTCTCCACACA  
GAAAGTGTGAGACAGTGGCCCTGTGGGAGACCAAGTGATGCAAGATTTGTTACGCTCCCACTTTGTGAC  
TTCAAATCCCTGACTTCTCTTCTGCAGCTGGCATCTGAATTTGTCTGTGTTCCCTATTAGCATAATGAG  
AGGAGCTGGGGAAATTGACCCACCCCTGCCTTCCACGACCCCTCCCCACACTGACCTTTGTGCTTTCCC  
TGATGAAATGTCCTGTTGCAGCAGAGGTGGGGCTGGGCCAGCTCCCTCCCTGTCTTAACCTCCTGTGCA  
CTCACTAGTGATCATTTGCTTCTTACTGAAAATATGAATCCAGATATGAGTTTTTTTCTAATCTTGT  
GTAAGGGATGTGTTAATTAAAGAAGAAGATTCCATAAGTTTGGAGTGGAAATAAATGGAAGCACTGAG  
>GBEQ0891 |Acc|CD469341|Ver|CD469341.1 GI:31390609|LeukoS2\_3\_D08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D08\_A024 3', mRNA  
sequence.:Start:1:Stop:698  
TGCGGGGAGAGCGAGACTGTGAGTCCCCGGGAGGCCGGAAGAGGCCGGCCTAAGAGGAGGGGGGCAACAG  
GAAGGAGTGGTGTCAGTCTTGGGCACCGAACCACAGGAAGGGGCGGGGCTCGGATCCAGGGGCGGTATCG  
CGGTGGGGCGGGACCTCGGGGCTGGTGCTTGTGCTGACCACGCCCCTCCACGGAAAGGTACCAGGGC  
CACGTGGGCGCGTGCCTGATCGTGGGAGGCGTAGACTTGACAGGACCGCAGCTCTACGGCGTGCACCCCC  
ACGGCTCCTACAGCCGCTGCCCTTTCGGGCCCTGGGCTCCGGCCAGGATGCGGCTCTGGCAGTTCTGGA  
GGACCGGTTCCAGCCGAACATGACACTGGAGGCCGCGCAGGGGCTGCTGGTGGAGCCATCACTGCAGGA  
ATCTTGGGTGACCTGGGCTCTGGGGCAATGTGGATGCATGTGTGATCACAAGGACCGGCGCCAAGCTGC  
TGCGAACACTGAGCTCACCCACAAAGCCCATAGTGAGGTCGAGCCAGTACCCTTTGCCCTGGGACCAC  
AGCTGTCTTGTCCAGACAGTAACACCACTGACCCCTGGAGCTGCTGGAGGAAACCGTGCAGGCCATGGAG  
GTGGAATGAAGTAGGCTAAGGCTTAGAGCTTGAACAAGGGAAATAAAGCCAGAAAATAAAACACCTA  
>GBEQ0892 |Acc|CD469340|Ver|CD469340.1 GI:31390608|LeukoS2\_3\_B11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B11\_A024 3', mRNA  
sequence.:Start:1:Stop:754  
GGGACCAGGGCTATGGGAGTGGCAGGTATGACAGTCGACCTGGAGGATATGGATATGGATATGGAAGGTC  
CAGAGACTATGGTGGCAGAAACCAGGTGGTTATGACCGCTACTCAGGAGGAAATTACAGAGACAATTAC  
GACAACCTGAGATAAGGCATGCACACCTAATTGTAGATACACAAGGAATAAACTTCTTCTGATCCAGGAT  
CATCCCTCCAAATGGCTGTATTTTATAAAGATTTTTGGAGCTGCACTGAAACAGCTGTTTTAGTATGTCAA  
CTTCTGTTTTTGAATTGAGCTCCCAAGGTAGCTTGTAAAGACCTTTTAGAAAGCTCCATGTGTTTTTTA  
CAGTTTTTCTCCATTTAAAAACAAATCTGGAACGTTTGTAGAGTGTGGGTATTTTTCTTTTACCAGT  
TTTTTAGTTTGGGCTCTCAGGATTGTTGGTCTGACAAAAAATGTTTGGCCAGACTTATGTTTTAAAAAAT  
CATGTCGCTAGCAACATGTAATAAAGCTGTGTCACAAATGTTTATCATGGTTTGAAGCAATTTCTGAAT  
GTAACATAAGAATCAAGAACATGATTACTTGGAGATGTTTTTACTCAAGATCACTGCCCTGGTTATAT  
AGAAGTTTCTTAAAAATATTTGTGAATGTCATTTTTTTTTCTAATACTGGAAGAAAAAAATATTTCTGTT  
GTGTCATGATGTTTAGGATGTCTTCACGGAGATGATTAAGTTGAA  
>GBEQ0893 |Acc|CD469338|Ver|CD469338.1 GI:31390606|LeukoS2\_3\_H09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_H09\_A024 3', mRNA  
sequence.:Start:1:Stop:695  
CATGAGCAGCTTCCGTAGCAGAGATCACCAATGCTTGTCTTTGAGCCAGCCAACCAGATGGTGAAATGTG  
ACCTCGCCATGGTAAATACATGGCTTGTGCTTGTGACCGTGGTGACGCGTTCCCAAAGATGTCAA  
TGCTGCCATTGCCACCATCAAGACCAAGCGCAGCATCCAGTTTGTGGATTGGTGGCCCACTGGCTTCAA  
GTTGGCATTAAATTACAGCCTCCCACTGTGCTCCCTGGTGGAGACCTGGCCAAAGTACAGCGAGCTGTGT  
GCATGCTGAGCAATACCACAGCCATTGCTGAGGCCTGGGCTCGCTGGACCACAAGTTTGACCTGATGTA  
TGCCAAGCGTGCCTTTGTACACTGGTACGTGGGTGAGGGCATGGAGGAGGAGAGTTTCTGAGGCCCCGT  
GAGGACATGGCTGCCCTTGAGAAGGATTATGAGGAGGTGCGTGTGGATTCTGTTGAAGGAGAGGGTGAGG  
AAGAAGGAGAGGAATACTAATTACCATTCTTTTCAGCCCTTCAGCATGTATACGCAAGATTTTCAGCTTA  
AACATTAGCCGACAGGCGTTAGAGCTTCTGTTTAGATTGCTTCGCTTTCTTTTAACTGTGATCATGTT  
CTGCTTTTAAATGTGCTGTAAGATTTTCCCTATATGCTTAAAGTAAAGGCTTAAAGAAAGA  
>GBEQ0894 |Acc|CD469333|Ver|CD469333.1 GI:31390601|LeukoS2\_3\_B09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B09\_A024 3', mRNA  
sequence.:Start:1:Stop:678  
GAAAAAGAAATCATTACTATATCAGATTACTTTGAATGTAAAGGAATCCTGGAGGTAAATGAAGCATCA  
TCTGTATCTGAAGCTGGTATTGATCAAAAGATTGAGGTCCCTACCAGAATTATCAAAGGAGCAAATCAAA  
CTCCCAAGATTGATAATCTTCAACAACAGCATCGGGAACATTTGTTTATGGGTTGTTGTGTGTACATCA  
GAAAAAGTGAATAACAAGAACACGATCTATGAAATAGAGGATAAAACAGGAAAGATGGATGTAGTGGGG

AATGGAAAATGGCACAATATCAAGTGTGAGGAAGGAGATAAACTTCGACTCTTCTGCTTCAATTGAGAA  
CACTTGACAAGAGGCTGAAACTGACATGTGGAATCACAGTTTCATTGAGGTATCAAGGCTAAGAAAGG  
CAACAAAAGAACCATCTGAAGTGAAGAACCCTCCTCCAAATCAATTGGGTGGCTTTAATTGTGATATTAAA  
GTTGAGACATTTCTTTTAAACAATACATTGAGCAGAAACAGCTCAGCACATTAAGAGATTTTATATGTGA  
GTTGTGGGTTAGGTAACCTTTCTTTTATAAAATTTGCTTATTATATTTCTCTGTATTTTCTAAGAATATCA  
CATTTTGCATCTAAAAATGCTCATAATTAATAAATAAATTCCTTTTT

>GBEQ0895 |Acc|CD469327|Ver|CD469327.1 GI:31390595|LeukoS2\_3\_D10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D10\_A024 3', mRNA  
sequence.:Start:1:Stop:701

GAGATGAGCTTCCAGAAGACATCATTAGCACAGGAAATGTCATGACTTGAAGTTTTCTAAGCGATGCTTC  
GGTGACCGCAGGAGGTTTCCAAATCAAGTACGTGGCAGTGGATCCCCCATCCNAAACCCAGTCAAGGAAA  
AAATACAAGCACTACTTCTACGGGAAATAAAAGCTTTTTAGCTGGAAGATTTACCCATTATAAAACAAA  
AAAAGGACATTCAGTGTTTATGGTTGCTCTTTTGAACCCCTCTGATCTCAGTTTTGTATTATTATTAA  
CATTTATTTATTATTTTGTAAATGTGAAAACCATACCTGATAATTTGGGGAAAATTGGAAAATACAGTA  
AAGCTTTAAATGAGAAAAATAAAATCTCTATAATTCATCTGCATAAAAACAGCAAGTGTTTTCTTTCCGG  
TCATTTTTCGACTTGTAGTATATGTATATATATCTATATGTTTTGTCATGTGAAATTTTGAATCCTG  
CTTTATGTACAGTTTTATTTTTGGGTTTTTAAACCTTGAGCTTTACAGCTTAATTATTTTCCCATATCA  
CTGAGTACTCTTCAAAAATGTGATCTTGAACACCTGTAAAATATTCATGATATGATTGCTCTATACTTT  
ATTTAAGCCTGTCTCTATTGTGGGAATTTTAAAGCTGTTTTTCATACTATTGCTTAATAAATACATCCTTAA  
A

>GBEQ0896 |Acc|CD469324|Ver|CD469324.1 GI:31390592|LeukoS2\_3\_A11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_A11\_A024 3', mRNA  
sequence.:Start:1:Stop:674

GAGGAGACAGAGGAGGCTTCCCCCAAGAGGGCCCCGGGGTTCCTCGAGGGAACCCATCCGGAGGAGGAA  
ACGTCCAGCACCAGCTGGAGACTGGCAGTGCCCCAATCCGGGGTGTGGAAACAGAACTTCGCCTGGAG  
AACAGAATGCAACCAGTGAAGGCCCGAAGCCTGAAGGCTTCTCCCGCCGCCCTTTCCGCCCGGGT  
GGTGACCGCGGAGAGGTGGCCCTGGTGGCATGCGAGGAGGAAGAGGTGGCCCTCATGGACCGCGGTGGTC  
CTGGTGGAAATGTTGAGAGGTGGCCGTGGTGGAGACAGAGGTGGCTTCCGTGGCGGCCGGGGCATGGACCG  
AGGTGGCTTTGGTGGAGGAAGACGAGGTGGCCCCGGGGGACCCCTGGACCTTTGATGGAAACAGATGGGA  
GGAAGAAGAGGCGGGCGTGGAGGACCTGGAAAAATGGATAAAGGCGAGCACCGTCAGGAACGCAGAGACC  
GGCCCTACTAGGTGCAGAGACCCACAGAGCTGCATTGACTACCAGATTTATTTTTTAAACAGAAAATG  
TTTTAAATTTATAATTCATATTTATAATGTTGGCCACAACATTATGATTATTCCTTGTCTGTACTTTAG  
TATTTTTCACCATTTGTGAAGAAACATTAATAACAAGTTAAATGT

>GBEQ0897 |Acc|CD469312|Ver|CD469312.1 GI:31390580|LeukoS2\_3\_G08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_G08\_A024 3', mRNA  
sequence.:Start:1:Stop:659

CCCAGAGAGAAGGCATACAGGAGAGTCCAGGACGGAAGCCAGCCAGAAAGCTCCTCGGGCCCCAAGGTCT  
CTGTGCAGCACAGATGTCATCCGCATCTTTGTGATCTTCTCTGGAATGTTTCTTGCTTTCACCATGGTCG  
GAGCCCTGTTTCTCCTCCATCAACAAAGAAAATATGGACTAAACAAAGGAGAAAGTCCAGCAGTTGCAGAGCC  
TGGTCCTTACAGCTGCCCCAGGGAGGAAGAGGGCAGCGCCTTCCCCATCCAGGAGGACTACCGAAAACCA  
GAGCCAGCTTCGTACCCCTGAGCCAGCACAGAGGAGGAGGGGTCTCACTCCAACAAAGCCCTAGCCTC  
CACCCACCCCACTGGCCACCGGGGAAAATGAGACCTGGCACCCGCAACCTCAAAACCATCCTCTCAGCA  
GGACCTTTTCTGTGTGTCAGATTTGAGAAAAGTGCCCTTCTGAGACGGGCGGTGACGAGGACACATGGCAA  
CGAGGTGGAGGGTGGGAAGCAGGAGCCCGGGTGTGTCTGGCCAGCCAGTTTACCCCTGCGCCGAGG  
AGGGCTGGCGCTGTAGTTGGAAAACACGTCCTCCGCTATGAAAGCCCCGCGTGCTGTATCGCTGACCCAG  
AACCTCGCAAAATAAAGTGACAGACTGTC

>GBEQ0898 |Acc|CD469311|Ver|CD469311.1 GI:31390579|LeukoS2\_3\_D03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_D03\_A024 3', mRNA  
sequence.:Start:1:Stop:536

GCCCCCTCTGTGTCAGGGAGCAAGTCTGTAGTGTGCTGGCCACATCCCCCGCCTCCCCCTACCCCGGATTCTA  
AGCCCCCTTGAGAGCACAGTCTGGCTCTCAGGATGCTGGGGGTGGTGCCTGGCCACGCCAGGGGGCTGACG  
GGTGAGGCCAGGCCTGATCCAGCCACCTGCTGAGTCCAGGGCATCAGAGGCCTGGGGACTCTCACCACCC  
GGCCACAGCGGAGCCCTGGAATTGGGGTGTGAGCAGGGAAGGCCAGGTCAACAGAGCATCTGGATTTC  
AGCCCCGCCCAAGTCCCCACTCTACCTGTGTCTGCAGAACAGCAGGTGAGGACACAGCTCGGTGGAAGA  
CGCCAGAGCAACCATGGAGCTCTACAAAATCTCCCGCAACTTCGAGAGGACTGAGGGCTGCTTGCCAGG  
CGGTGTGGGACCGAAGCTCTGTTCCGTCCTTTCCCGAGGACTGGAGGCCTGGGTCTCTTCGGGACAGGA  
ACTCGCTTGCTTTTGGAAAATGCATCTTTAGCAATAAAATGACTAT



>GBEQ0899 |Acc|CD469308|Ver|CD469308.1 GI:31390576|LeukoS2\_3\_C11.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C11\_A024 3', mRNA sequence.:Start:1:Stop:652  
GTCTCCAGTCTCTGTGCTTCTTAACCTGAAGCCTAGGAACATCTTCCAAGGTGGACACTCAACCGTTCA  
TATACACCAGGTGTGAGTACTAATGAGAAGAAACGGGGTCAATTTTTAGTGATGTTGCTAATCATTGAA  
TTCTGTTCTGTATTAAGAGAAAATCCACAAGCCATAAGCCTGAAGGTTGGCCCTGCACGTGGGTGCGCGC  
GCACACACACACACACAAGAGAGAGAGGGAGTGAGAGAAAACCTGTTACAGAAAACAGCTATGTCTTC  
TTCACTGCCCAATGAAAATCAAGTTCAAGAAATTGCAGTTAGCTGTTAAGGAAGGAAATAATGGTACAC  
ATCTTTTTCTGTCTGTCAAACTATTTGATCCAAGTGAAAACAAAACAGAATGCTACGGAACCTGCCAC  
TAGTATTGCAGTGTATTTTAAAGATTATTAAAGGCACATTGATGGACAAAAAAATTAACATGGCA  
AAAAAAGAAAAAAACAGTCAAACCTCTACTGCCCTCGACATGGAGTTTGAGTTAATGTCAGTCAAG  
GATTTCATCTTTGCGAAAATCAGTGATTTCACATTCAGCCAGTGTAGCCAGCAGAAATTTCTGATCCACA  
ATGCAGGATTCTTGAAGAAAAA  
>GBEQ0900 |Acc|CD469300|Ver|CD469300.1 GI:31390568|LeukoS2\_3\_C08.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C08\_A024 3', mRNA sequence.:Start:1:Stop:623  
ATTCATGGGGCAGATAAACAAACCCCTGAAGAGAATGCAAAAGAAACCATGCAAAGCAAAGGCGACTTTGC  
TATGAAGATCCTTTCTACATCTTTTCATAGTTCTGTAAATATTTTGTACATTACTTTCTTTTCAAAG  
CTAGTTCTTAGGAACAGAGACTCAACGATGCAAGCATTTCTGTACGGGATGTATTCAAGGGAAAAAAGG  
GCAGGATGGCTGGAACACTGTACTGAGAAATGAATGGAAGGCTTCGAAGTGTCTAAAAGATTCTTTAAA  
CTACTGAGTGGTCACCTAGGTTAACAACCCCTCTGAGTATTTACTGTCCAGTTTCAGGATTTTCGTTCTGT  
TTTGTATATGTGTGGCTTTTCAGAAGAAATTAATCAATGTGATAAAAAAAAGACATTTATGGTA  
GCTTTTACTTTTTTATGAGAAAAGTATTATTGGCTTTTAAATTTTCTTTTGTCCCAAAAAAGACTAC  
TATCCAAAGTCTCGATAGTAAGCATTATTTGGGGGTAGAAATAGAAAAATCTCTAGCCTCTTTGTGTGT  
TTTTGTGTGTGTGTGTGTGTATATAATGCATGTATTCACTAAAATAAAGTTGAAAACT  
>GBEQ0901 |Acc|CD469298|Ver|CD469298.1 GI:31390566|LeukoS2\_3\_E11.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_E11\_A024 3', mRNA sequence.:Start:1:Stop:655  
TTTACGAATGTTTCAGAGAACCCGATGACTGAAACATTTACCCACATAAATGGAGAAAGTGTCTACGG  
CGATTTCCACGAAGCTTTTGATCACCTTTGTAACAAGATCATTGCCACCAGGAACCCAGAAGAAATCAGA  
GGGGGAGGCCTGCTTAAGTACTGCAACCTCTTGGTGAGGGGCTTTAGGCCCGCCTCTGATGAGATCAAGA  
CCCTGCAGAGGTACATGTGTTCGGGTTTTTCATCGACTTCTCAGACATTGGAGAGCAGCAGAGAAAAC  
GGAGTCTTATTTGCAGAACCACTTTGTGGGGTTGGAAGACCGCAAGTATGACTATCTGATGACGCTTCAC  
GGAGTGGTGAATGAAAGCACGGTGTGCCTGATGGGACATGAAAGAAGACAGACTTTAAACCTCATACCA  
TGCTGGCTATCCGGGTTCTAGCTGACCAAAATGTCATCCCTAACGTGGCTAATGTCACTTGTCTATACCA  
GCCGGCCCCCTATGTAGCAGATGCCAACTTTAGCAATTACTACATTGCACAGGTCCAGCCTGTATTACA  
TGCCAGCAGCAGACATACTCCACTTGGCTACCCCTGAATTAAGAATCATTTAAAAGTGTCTGTGGGGAA  
GCCATTTTCAGACAAGATAGGAGGAA  
>GBEQ0902 |Acc|CD469297|Ver|CD469297.1 GI:31390565|LeukoS2\_3\_F10.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_F10\_A024 3', mRNA sequence.:Start:1:Stop:784  
CCAGTGATTTTCAATCAAACATTGCATAGGCAGCCAAGGAGCAGTGAACAGCAGCTACTACAGTAGTGGA  
AGCCGTGCGTCTGTGGGAGTGAACGGAATGGGAGGGATGTCTAGCATGTCCAGTATGAGTGGTGGATGGG  
GAATGTAATTGATCCTGATCACTGACTCTTGGTCAACATTTTATAAAGAAAAAACTTAAGTTTAACAG  
TTTTGCAGTACAAGCTTGTGATTTATGCTTACTCTAAGTGGAAATCAGGATTGTTTTAAAGACTTAAGG  
TTGAGTACTTTTCGAGCACATTCATTCTAGGATGTAACAACCTAGGTTGAGTAACTGTAAGTTGTTAAA  
CGATTTTCAGTCTTTTCTCAAGTTAGTTCTTGTGCTTGTCTTAAAGCAGTAAGTGTATTTAGGTTAAA  
GCAGTTGAATTATGTTAAATGTTGCTCTTATACCACATTACATTGAACACTGTTGGATGCATGTTGAAA  
GACATGCTTTTTTTGTAAACCTCAATATAGGAGCTATGTCTAAAATGAAAAGTGAACATTTGGCATGTT  
TGTTAATTCTAGTTTCATTTAATAACCTCTGAGGCACGTAAGTTAAGCTTTTTTTTTTTGTTAATGGGGA  
AAATTTGAGATGCAACACCAATAGTATTTTGGTCTTGGTGTGTTGATGAAATTCTGAGGCTTGA  
TTTAAAATTCATTGTATTGTGATTTCCTTTTAGGTGTATTGCGCTAAGTGAACCTGTCAAATAAATCTT  
CCTTTAAAAAATTC  
>GBEQ0903 |Acc|CD469296|Ver|CD469296.1 GI:31390564|LeukoS2\_3\_G12.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_G12\_A024 3', mRNA sequence.:Start:1:Stop:659  
CCTGGTTTCTTAGTCCATAGGGTGGGGCGGGCCCCCTCCTTCCAGCCAGCCCATCTCAGGGAGGTTGGCA

GCCAGAGGAACTGAGGTTGACAGTGACAGTCCCCTGGAGCAGGGGAGCAAGCCGGGCTGGGGACTGCACA  
GTTATATAGTATTTATTTATTTATTTCTTGGGTTGGTCTCAGGGTAAGCCAACCCACCTCTCAGCCCTGA  
GCCCTGAGTGCTCTGGAGACTCCAGCTCTGCCCCAGCTTCTCTGGTTCTCTCCCTACGGAGAGCCCCATCC  
TGAGACATGTTGCTGGACCCAAGGCAGTCTCTGGAAGTCTTGGCACTGACCCACCTGCCTGTCAATGTGTC  
CACCTTCTTCTGCCCCGAGCCCTGTTTATAGGAGGGTGAGTGAATGGACAAGAAATTGGAACCAAGTGTC  
AGTTTCCAGCAGAGCCTGCCTTCCACCTCTTGCAGGGCAGAGCTCCATCTGCGCAGAGCTGGTCTTGCT  
GGGGTACAGGCCCCACGTGAGCGCATGTGCTGTGTGTCAGGAAAGCGGGTGCTGGTTGAAGGGCTGCCGCTC  
GCGCTCTGCTGGGGCTGCTTCTGCCCCGGAAGGTGCCTGCACGTGAGAAAGGGGAAGAAATACATACCT  
GATAAGATTTTATAAAATAATTATTCAAC

>GBEQ0904 |Acc|CD469290|Ver|CD469290.1 GI:31390558|LeukoS2\_3\_B07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B07\_A024 3', mRNA  
sequence.:Start:1:Stop:638  
CAACTTTACAGATATCTGTAAACTATTACATCGTCAGCCCAAACATCTCCTTGCATTTTTATTGGCTGAA  
TTGGGTACAAGTGGTCTATAGATGGTAATAACCAACTTGTAATCAAAGGAAGATTCCAACAGAAACAGA  
TAGAAAATGTTTTGAGAAGATATATCAAGGAATATGTACCTGTACACTTGGCGATCACCAGACACAAT  
CCTGCAAAAGGACACCCGACTCTATTTCTTACAGTGTGAAACTTGTCAATTCTCGATGCTCAGTTGCCAGC  
ATCAAAACCGGCTTCCAGGCTGTACAGGGCAAGCGAGCACAGCTCCGTGCCAAAGCTAACTAAGCTAATC  
ACCACTGATTTTTCAAGGTGTGTGTGGAGATTTGCTGGACAGGTTTACCATCAGAGTGGATATACCAT  
TGTATTTAAATCAAGATAGCAAAGCTGCCAAGTCTTTGGTGTGTGGCTGGTTGGTCTGAAATCCTTGCA  
AGATGCCGATGCTCAAGCTGTTGACATACTCATTGCCTACTTTAACAAGTGTGAGAGAAACATGATGGGG  
TAAGGCAGTGTCTTTTAAATCGTTCATAGACTTCTGTAAATGCAAGATAAATTAAGTTATTATAAC  
AGGAAAAA

>GBEQ0905 |Acc|CD469289|Ver|CD469289.1 GI:31390557|LeukoS2\_3\_C09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_C09\_A024 3', mRNA  
sequence.:Start:1:Stop:435  
GGTGGTCCCTTCTGGGGAGGAGCAGAGATAACGTCAGTCCATCATCTCATGGTGGGGTCCCTTGCTGGCCTGGTTCTCC  
ACCCGGAGATGGGAGCCGCTCCTCAGTCCATCATCTCATGGTGGGGTCCCTTGCTGGCCTGGTTCTCC  
TTGGAGCTGTGGTGGCTGGAGCTGTGATTTGGAGGAAGAAGCGCTCCCCCACTGATCTTTGTGCTTTCC  
CTGATGAAATGTCTGTTGCAGCAGAGGTGGGGCTGGGCCAGCTCCCTCCCTGTTTTAACTTCTGTTGC  
ACTCACTAGTGATCATTTGCTTCTTACTGAAAATATGAATCCAGATAGGAGTTTTTTTCTAATTCTTGT  
TGTAAGGGATGTGTTAATTAAGAAGAAGATTTTTAAAGTTTGAGAGTGGAAATAAATGGAAGCCCTGAG  
ACCCTTCCAGAAGTC

>GBEQ0906 |Acc|CD469197|Ver|CD469197.1 GI:31390465|LeukoS2\_2\_G10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:676  
ATGCCATTGGGACAAAAAGGTATGACTCAAATTCTGGTGGGGAGAGAGAAATTCAGCGAACGATGTTAGA  
ACTGTTGAACCACTTGGATGGATTTGATTCAAGGGGAGACGTGAAAGTTATCATGGCCACAAACCGAATA  
GAAACTTTGGACCCAGCACTTATCAGACCAGGCCGATGACAGGAAGATCGAGTTCCCCCTGCCTGATG  
AGAAGACCAAGAAGCGCATTTTCAGATCCACACCAGCAGGATGACGCTGGCTGACGACGTTACCTGGA  
CGACTTGATCATGGCTAAAGACGACCTGTCCGGTGCCGACATCAAGGCAATCTGTACAGAAGCTGGTCTG  
ATGGCCTTGAGAGAACGCAGAATGAAAGTAACAAATGAAGACTTCAAAAAATCTAAAGAAAATGTCCTTT  
ATAAGAAGCAGGAAGGCACCCCTGAGGGGCTGTATCTCTAGTGGACCACAGGTGCCTTCAAGGAAATGGC  
AGTGGGGGTTCCAGCGCTCAGAGGGATGAGGCTGGGGAAGCTGCCCCAGGAGTCCGTGTTCCAGTTGG  
TCTTTATTAGCAAAACATCCCCGTATGTTTTTTGAGCATAAAGTGTAGGATGCCACCGGGCTGCCTTCGT  
CTGTTGGTACGTGCTGCTCTGCCCCAATAAAGCGTGCTTTTC

>GBEQ0907 |Acc|CD469194|Ver|CD469194.1 GI:31390462|LeukoS2\_2\_H11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H11\_A024 3', mRNA  
sequence.:Start:1:Stop:696  
TGGTGAGGAAGAGGATGGAGATGAAGATGAGGAGGCTGAGGCAGCTACGGGCAACGGGCAGCTGAAGAT  
GACGAGGACGACGATGTTGACACCAAGAAGCAGAAGACCGACGAGGATGACTAGACAGCAAAAAAGGAAA  
AGTTAAACTTAAGAAAAAGCCCTCCGTGACCTATTACCCAACCACAACCAACGTAATTTGCAACAG  
GGGAGGAAAAAAGAACCAAACTTCTAAGGCCCTGCTTTTTTCTTAAAGTACTTTAAAAAGGAAAAAT  
TGTTTGTATTTTTATTTACATTTATATTTTGTACATATTGTTAGGGGTGAGCCATTTTTAATGATCA  
CGGATGACCAAAACAGCCTTCGGAGCGTCTCTGTCTTCTGACTTTACTTGTGGTGTGACCATGTT  
CATTATAATCTCAAAGGAGAAAAAACCTTGTAAAAAAGCAAAAAACAACAAAAAACAATCTTAT  
TCCGAGCATCTCAAGGAGTTTTTGTGTATGTACTGTACTATAAGTAGTTGGTTTGTATGAGATG  
GTTAAAAAGGCCAAAGATAAAAGGTTCTTTTTTCTTTTTTGTCTATGAAGTTGCTGTTTATTTTTTT

TGGCCTGTTTGATGTATGTGTGAAACAATGTTGTCCAACAATAAACCGGAATTTTTTTTGCTGAGT  
>GBEQ0908 |Acc|CD469193|Ver|CD469193.1 GI:31390461|LeukoS2\_2\_D05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D05\_A024 3', mRNA  
sequence.:Start:1:Stop:401  
ATATAATGTCCTCTACTGTACTGAATGCAGTGTATAATTTCTGTCTGTGGCTAAAAGCTAAAAGCTGTGC  
CCCAGCTCCACATTTGATTGCACATGTGAGATTTGCTGCTGTTGCAGTATAACCACTAGGTATAATAGGA  
TTTGAAATAAATTACATTACACTTCATAAAAGTTGAAATGAGGAATTAAACCCACAAGTGAAATGTTTG  
AAATTATTATACCTTATGTCTCCATAAGACGTGATTGGGACATCAGATACTTTAATGATGGTTTAAGTTCT  
GATATTCAAGAAAACCTAAGTTTTCTTCTCTTGGTTTATTGATTGGTTTAATTTCTATTATGCTATT  
TTGCATAATCAAAGCATGTAAATCTTATAATTTAAAAATAAATTACTTAA  
>GBEQ0909 |Acc|CD469192|Ver|CD469192.1 GI:31390460|LeukoS2\_2\_E07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E07\_A024 3', mRNA  
sequence.:Start:1:Stop:607  
GAACGATGGGTGTATTTGTTGGGCTTTATCAGCAAGGAGCGAGAGCGTGCTCTGCTCAAGGACCAGCAGCCA  
GGCAGCTTCCTGCTGCGCTTCAGTGAGAGCTGCCGCGAAGGGGCCATCACGTTACGTTGGGTGGAGCGCT  
CCCAGAACGGGAGGAGAGCCTTACTTTTCATGCGGTGCAACCCCTACACGAAGAAAGAATTTCTGCTGTTAC  
TTTCTCTGATATCATTCGCAATTACAAAGTCATGGCTGCTGAAAATATTCCAGAGAATCCCCTGAAGTAT  
CTGTATCCAAATATTGATAAGGACCATGCCTTCGGAAAGTATTACTCCAGGCCCAAGGAAGCTCCAGAAC  
CAATGGAACCTTGATGGCCCTAAAGGAAGTGGATACATCAAGACTGAATTGATTTCTGTGCTGAAGTGT  
AGTGAACACAGAAGAGTGCCATGTTTAAAAACCTCAGGCTGGCCCTGCTCCTGGCTGGGGCCTGTTGAAG  
ATGCTCGCACTTGGCTTTTTCATTGTAATTGCTGCCGCCGCCATCACAGTTGAACCTGTTGGAAAGATCC  
TAATTAGAGATGCTGTTATCACTGCTTATCAGCATTTTGTGCTGCTTT  
>GBEQ0910 |Acc|CD469190|Ver|CD469190.1 GI:31390458|LeukoS2\_2\_G09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G09\_A024 3', mRNA  
sequence.:Start:1:Stop:412  
TGCAGGGTGGGGGAAGTATTCCAAATAGGTCACCTGCATCTGATATTTTGGAGAGAAGTCAATGTCACCGTC  
ATAGATAGAAAAGTCTGCAATGATCCAAAGCACTACAATTTTAAACCTGTGATTGGACTGAATATGATTT  
GTGCCGGAACCTCCGAGGTGGAAAAGACTCGTGCAATGGAGATTCTGGAAGCCCGTGATATGTGAGGG  
TCTTTCAGAGGTGTCAGTGCCTTTGGCCTTCCAGGGAATGTGGAGACCCCTCGAGGACCTGGCATCTAT  
AGTCTTCTCTCAAAAAAACCCTCAACTGGATAATTAAGACTATGCAGGGGGCAGTTTAGATAACTGCA  
TTTCACTTTACTGCTGCTCACTTCTTAATCTTATCATAAATAAAATCAGTTTGTATGCCTGTT  
>GBEQ0911 |Acc|CD469187|Ver|CD469187.1 GI:31390455|LeukoS2\_2\_C10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_C10\_A024 3', mRNA  
sequence.:Start:1:Stop:633  
CTTATTAGGAACGGGGACTGGACCTTCCAGATCCTCGTGATGCTGGAAATGACTCCCCAGCGTGGAGATG  
TCTACACCTGCCACGTGGAGCACCCAGCCTCCAGAGCCCCATCACAGTGGAGTGGCAGGCGCAGTCTGA  
ATCTGCCAGAGCAAGATGCTGAGTGGCGTCGGGGGCTTTGTGCTGGGGCTGATCTTCTTGGTCTGGGC  
CTTATCATCCATCACAGGACGAAGAAGGACCTCGTGGGCCCTTCGCCAGCAGGGCTCCTGGACTGACACC  
TGAGGTTACTTTGACAGGGATTGGTTTTTGTCTCTTCTGTAATGCCTGCCTGTCTTGCTCAGAATTCCCC  
AGCTGCCTGTGTGACGCTGTCCCCCTCTGAGATCAGAGTCTTACAGTGAAGTCTGATGCATTCTTCAAGTC  
ACCTCCTGTGACCTCTGCCCTGAGGATCTGACTGCAACACTACTTCTGCTGAGTGGCCAGAGCTCTGCC  
TGTGCAAGTTGCTTCCAGACGCTCTACTTGGTTCCCAAGGGTTTCTTCTGATCCATTCTTCTCTCAGAGA  
ATGTTCAAGAGAAGCACATTGAAGCCATTACCTGACTATAGAGCTTTTATCATAATTAACATGATTAT  
GAG  
>GBEQ0912 |Acc|CD469186|Ver|CD469186.1 GI:31390454|LeukoS2\_2\_D12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D12\_A024 3', mRNA  
sequence.:Start:1:Stop:676  
GAGCCAAATTTAAACCTCTGCCAGCATGCACTCACCTCTGTGAGCAGAGGCTCCAGCCTCAAGATCCT  
TCCAAAGGCAAGCGGGGTGGACATTTCTGTTTCAACTGAGTCTGAGTCTTCAAGTTTTCACTCCAGC  
TAACGCTGATGTAAAGACTTTTTCGACATTAAGAAGCTTTTGTGTTACACATTTTTCAGATATAAAG  
ACTGACCAATACTGTACAGTTTTTGTGACCATTGGATTTTTTCTTGTGTTTCTTTAGTTTTTGTAAAGG  
TTTAATTGACTTATCTATATAAATATTTTTTGTTCACGTTGATGAGCGTCTAGGCAGGACCTGTGGAC  
AAGTCTTCTAGTTGCTGTATGTCAGACTGTAGGACCATAGAAAAGGGAAGTGAACATTCAGAGTGTACAG  
TGAATCTTAAGCTAGAAGCGATCCTCAGCTGTTTGTGTCATAAATAATCTCTCCATTCAGTGAACAT  
TTTCTTTTGCCTGTCTTAAATTTGTTGGATACACCATGTGACTTTTCGCTGTAAAAGTTGGCACTTACA  
ACCAAAGCCTGAAGTGGTATAGAAATGCTCGTTTTTTCAGTTTTTCGGAAGTGGGTTGATAGCAGCGCTGT  
AATGTACAGTCTTGTATTAAAGTTGTTAATAAAGTATGTGATAAAC

>GBEQ0913 |Acc|CD469184|Ver|CD469184.1 GI:31390452|LeukoS2\_2\_F01.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F01\_A024 3', mRNA sequence.:Start:1:Stop:445  
ACCCCTTTGATCTCAGTTTGTATTATTATTAACATTTATTTATTTTGTAAATGTGAAAACCATAC  
CTGATAATTTGGGGAAAATTGGAAAATACAGTAACTTTAAATGAGAAAAATAAATCTCTTATAATTCA  
TCTGCATAAAAACANGCAAGTGTCTTTTCGGTCATTTTTCGACTTGTAGTATATGTATATATATATC  
TATATGTATTTGCATGTGAAATTTTGGAAATCCTGCTTTATGTACAGTTTATATTTTGGGTTTTTAACC  
TTGAGCTTTACAGCTTAATTTATTTTCCCATATCACTGAGTACTCTTCAAAAATGTGATCTTGAACACCTG  
TAAATATTTCCATGATATGATTGCTCTATACTTTATTTAAGCCTGTCTCTATTGTGGGAATTTAAGCTG  
TTTTCATAACTATTGCTTAAATAAA  
>GBEQ0914 |Acc|CD469180|Ver|CD469180.1 GI:31390448|LeukoS2\_2\_F08.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F08\_A024 3', mRNA sequence.:Start:1:Stop:482  
GAGACGTGCACCGTCATGGGGCCCCACCAAGAGAGACTCCAAGTTCATCATCAGTATGAACGACAACCTTTT  
ACCCAGCGTCACGTGGGCGGTGCCCCGTAGCGAAAGCAACGTGGCCAGACTGACCAACATCTACCGGAA  
CCAGAGCTTACCACGTGGCTGGTGGCCAGCAACACGACAAACGACATGATCGTTCTGCACACGCTG  
CACTGGCACATGCAGCTTAGCATCGAGGTGAACCCGACGCGGCCCTGGGCCAGCGTGCAGGCTGCGGG  
AGCCCGTCACCAGGACAGCCCAAATCCTGAGCAAGAACGAGCCGATCCCGCCCAACGCCCTGGTCAA  
GCCCAACGCCAACGACGCTCAGGTCCTCATGTGGCGGCCCAAGTACGGGCTGCCGCTGGTGGTGATCCCG  
CCCAGCACTGGTGAGCGCCAGGGCGCCCCGTAGGTTAGACTCAAATAATAATTCTGCTCC  
>GBEQ0915 |Acc|CD469179|Ver|CD469179.1 GI:31390447|LeukoS2\_2\_D11.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D11\_A024 3', mRNA sequence.:Start:1:Stop:702  
CAAGGCAAGACAAATGTGAAATTGTGGGCGATCGACCGAGACAGCTATAGAAGAATCCTTATGGGAAGC  
ACACTGAGAAAGCGGAGATGTATGAGGCAGACCGGCTGTGAGCCTCACCAACAAGCCCAAAGAGTCTCT  
TCATGGTCAACCAAGTTCTACCTCCAGGAGGACCAAGTAGAATGCGCCGTAGCTCCGCTTCCCTATTCCCA  
GCACGTCGATGACTCCAGAGACTGCCCTCCACCCAGGGTCTCCTGGGGCTCTGAGGAGCAGCCTTGCC  
AGGGTGGGCCCTCAGAAGGAGGTACACGAGCCCTCGTAACAGGACTCTGTCTCCAGCCTCCTCAGCTATC  
CCACCTCCATGCTGCCCTCCACCATAGTCTTTCTAAAGTGCAGCTCAAACCACTCACTGGCCCCCACCA  
ATGGCTCTCATACCTCGTTTTTGAATCTGATGCTGTTCTGTAGGGAAGACTTTTAGAGTCTGTGGCAAAA  
TGGAAAATAAGAATTTTCATGAAACTTTCTAAAGCCAGCTTTATCCAATTTGAAGGAGAGTCTTTATTTG  
GAGATTATTTCTTTTGGCAAAGGGGTGGGGATCAAAATATTTCTGTGTTTGTGAAGTGATAGTGAAGGG  
AGGTTCCCTTGTTAGTGTCCATTCTGTTTTTGTAAATACCCTAACCGGTAAAAATGAACAGTTAGTGTA  
AA  
>GBEQ0916 |Acc|CD469176|Ver|CD469176.1 GI:31390444|LeukoS2\_2\_E12.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E12\_A024 3', mRNA sequence.:Start:1:Stop:692  
TTTAAACCGTGACTCCCCATACTCCCAAAAAAGACCCTGAAAAAATTAAAGAAACACCAGGTGTACCTGG  
TGCGCAAGAGCGTATCCCAAGTGGGACTCCGAGGCACTCAGACTCAGAACACTACAGCGGAGACGCCC  
GCCCGCGCCTGGGAGGAGACAAGCGCGACACCCCGGGGTGGGCGGGGTGAGGAGAGCGTCTGTTAATTT  
ATTTCTCAGTGTTCCTAATTAATATTTATATATATTTATGTATGTCCCCCTAGGTGATGGAGGGCTGTG  
TGTAATATTTATTTAACTTATGCACGGGTGCGAGATGTGCTCCCTTGCTGCAAATGCAGATCTCTTGGT  
ACTTATTGAGCTTTATGGGATTGGTGGAGGCAGGGCGCCTAGAAATGAGGGAGACAGCGAGAGGGAATGG  
AGAAGACCTGGGTCCAGGAGGGCGCCCGGGCTGGGGGTCAAGGCCGGTGGTGGGTCTAGGTTTAGCCGT  
TGACCTCTCCGTCTCCAGCATCTCAACGCGCTTGTCTAGTGTGTGAGGCTTCGGCGGACCGTTGGGA  
ATACGGTCTCTGGCCTTCGATCTCTTCGAAGCTGCCCCAGGGGGTGGCTGCGGGGTCTGGGAGGCGGTGA  
GCTGTCAGGGGCGGAGGTGGGGTCTCCGGTATGTTCTGTGAACACAAATAAACTCGACTT  
>GBEQ0917 |Acc|CD469174|Ver|CD469174.1 GI:31390442|LeukoS2\_2\_E05.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E05\_A024 3', mRNA sequence.:Start:1:Stop:292  
GGGGATAAAAGGTGCCATCCGTCGCTGCTGTTTTGGGTTTGGAAAACCTAGCAAGGATGCTTAGGGGCC  
TGTGGTTGGTCCCTGAGCATTTTCCAGTAGATAAGCAATTTTGTACCAATTATGTTACCTATAGAA  
ACTTGGCACCCCTTTGCCCCCTGCCTGGACAAGCCAGAGTAAGAGAACTGTCCCAAGGGGGGGGCAAGC  
ACAGAACAATGGGGCTCAGGCTGGAGCTGTGGACTTTTGTAAATACCCTAAACCTTTGGAATTAACCT  
GTGCTGCCGGG  
>GBEQ0918 |Acc|CD469168|Ver|CD469168.1 GI:31390436|LeukoS2\_2\_B11.b1\_A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B11\_A024 3', mRNA

sequence.:Start:1:Stop:711

GCTGGACGGCACGTGCGATCCTTTTCGACTCCCTCGTCCAGGAGTCGGATCAGGACCCCCCTCCGGCCGCG  
AGCCCGATTGGCCCCCTCCCGGAGAGCGTCCCTGGGGTCGAGCCGGTGGCCCCCTTGACCTTCTGCGAGC  
CCCTCGCTCTCTCCCCGGGGGTCGAGCCCTTCGCCCAGGAGCATTCCTTCAGCCTGGAGCTGGGCAGCGA  
AGTGGACATCGAGGGGGACCGGAGGGCGGAGCCGGCGGCTGCCCGCCGCGAGCGTGAAGGAGGAGGAC  
GACTCCTCGGACAGCGACAGCGGCGTCTGCATGAGCCCAGGCTCCTCCCCGGGCTCCCCCAGCGCAGCC  
CCTCCGECTCGGGCTCCCCGGGCGCCGCGCGCTCCGCCGCCCAAGCCCTACGACCCCCCGCGGA  
GAAGGCGGTGGCCGGAAGGTCAAGGGCGAGAAGCTGGATAAGAAGCTGAAGAAGATGGAGCAGAACAAG  
ACGGCCGCCACAGGTACCGGCAGAGAAGAGGGCGGAGCAGGAGGCGCTCACC GGCGAGTGCAAGGAGC  
TGGAGCAGAAGAACGAGGCGCTGAAGGAGCGCGCGGACGCGCTGGCCAAGGAGATCCAGTACCTGAAGGA  
TCTGATCGAGGAGGTCCGCCGGGCGCGGGGCCGCGGAGGGCCCCATAGGGGCCGCGGGCGCTGGCGGGG  
AATAAATTATT

>GBEQ0919 |Acc|CD469165|Ver|CD469165.1 GI:31390433|LeukoS2\_2\_G12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G12\_A024 3', mRNA

sequence.:Start:1:Stop:744

GTAATATAAAGTGTGAGTTTTTAATTGGGCTGTATGATCAGTAGTTTATTTTGGAAAAGCTCTATGAG  
CTCTAAGAACTGCATGGTTTTTTTGTAAATGTAATATAGGAGACCGTCCACTTTCTCAAGGAATATATT  
CCAAACGTTTTTTGTGAATGTCCAAGTTTGTGAACTACTAGAACATAATGCAATGAGGTGTAATTACGAA  
ATTTGAATGACCTATAGAGCATTGTATTGAATACCTGGTGATATTAGGTAATGGCAAAGCCACACTGAG  
TTACAGGTGCCAGTCTTGTGACTGCTAAGTAATTTGCCTTACATACCAGCCCCCTTCCCTTTTGAGGTT  
CAGATTAGTGCTTCAGAACTTATTTGTCATGTTTTATTTTTTAGCATAGATTCCGGAACACTTGAAACTC  
TTAAATCCTCAGATGCCAGGGGTGTTCTATAGTATCAGTAAGTGTTAGCAGAACTACTCCATAATGA  
ATGGAATTCAATTCACACATGGTTTGTTCAGCACACTTAATAAGTAGCCTATTTTTTAAATGTCTTTT  
TTAAATGTAAATATTTGGATGAAGTTTTTGTTTTGATATATTCATTGCTACACCAACCATGGTTTTCAGA  
ATTCAGTTTTTGAGCAACTTGGTTTTCAGAACTGTAAATGAGCTGAGAATCTTGTATATCCAACCTGTC  
ACTCAGATGTTGTGAGAATAATGTGTTTCATAAAGCATGGATCTGG

>GBEQ0920 |Acc|CD469153|Ver|CD469153.1 GI:31390421|LeukoS2\_2\_D01.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_D01\_A024 3', mRNA

sequence.:Start:1:Stop:555

TGGATTTTCATTGCAGTGATAGACAGCCACTATTTTATTTTTGACCAGTGGCATTTTGGCCACTAAGGTTT  
AATTAGGGTACTGAACAGCACTGTGAGTACTAGGTTTTTTGTTTTCTTGGGTCTTTGTATCTTGGCACA  
TGTGAATTTTGTGTTTGTATAAAACAAAATGACTTTTTCTTGGTCTCTGATGATGGGTTTAAAATTAAAG  
AGCATCTGGTTTTTGGTGTAGGGATGATCCAGGATTATGTTGTGACTGATGATATATTAGTTACTTGGACAT  
TTTTTTTTGGATCTTTGCAAGGGGAAACCTACAAGTAATGAGTTTTATATAATTAATTTAAATTTGTTAC  
AGGTTTTCATGTTTCAAGATAAACAATTTTTCAACCTTAGGTGAAATACTTGCAACAGTTAAGGTCAGT  
GTTACCTTAGGACAACCTGTTGCATGCCAATTTGTGTGTGTGTGAAACACTTCAAAATTGAATTAACA  
GATGTAATTTAAATTTGTTGTGTATCTAATCTGCCAGGTTTCAAGTAATAACAGTTCTTTT

>GBEQ0921 |Acc|CD469146|Ver|CD469146.1 GI:31390414|LeukoS2\_2\_H09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H09\_A024 3', mRNA

sequence.:Start:1:Stop:536

GCTGGAGCTGTGACCTGGAGGAAGAAGCGCTCAGGTGAAAAAAGAGGGAGCTACGTGCAGACTGCAACA  
GTGACAGTGCCCAAGGCTCTGATGCATCTCTCACGCAGAAAGTGTGAGACAGTGGCCCTGTGGGAGACCA  
AGTGATGCAAGATTTGTTTCATGCTCCCACTTTGTGACTTCAGATGCCCTCACTTCTCTTTCTGCAGTTGG  
CATCTGAGTGTGTGTTGCTTATTGGCATAATGAGAGGAGGTGGGGAGACAGGCCACCCCTGCCACCA  
TTACCAACCTGTTCCCAACACTGACCTTTGTGCTTCCCTGATCTAATTTCTGTTCCAGCAGATGTTG  
GGCTGGCCGCTCTCCATCCCTCTTAACCTTCTGTTGCACTGAGTAGTGATCATTTGCTTCTTACTGAAA  
ATAGGAATCCAGATATGAATTTTCTAATTTCTCTATAAGAGATTGATGTGTTAATTAAGAAGAAGAT  
TCCTAAAGTTTGGAGAGGTAATAAATGGAAGCACTGAGACCCCTT

>GBEQ0922 |Acc|CD469140|Ver|CD469140.1 GI:31390408|LeukoS2\_2\_B12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:718

TTGAGAGGGCACTGCAGGATGGATTAAAGGTGGCAATTTACTGATAACTGCAGATGTCTCTACTTTGTTT  
TAAAGTCTAAGTCATGAGATGATTTGATTTTACTTTATAGAAGTTGGATTTTGAAGATATAATGAAAATTT  
TTTTGATACCTAGTAGTACAAAACAAAGCAGCAGGACTGATAAACTGGTTTTTTGTGCACTACCCAAC  
TGGTTAAAGCCGATATGATCTTTATGGTGAACTCAGAAATAGGTGTTCTTAATGGAAACCTGGTAGACC  
CTTAACATATAGTGGTGTAAATAAGCACTACTATAATAAGCCACCATTTATTTTTATGAAACATCCGATT  
ACATTTTAAAAAGGCTATTGTGAGGGCATTATTTTGGAGGTGATGTTTAAAAAGTTAACATCAATCAAAT

TGTAAATTAGTTTAAATATATTGCCTTAAGGACCTACTAAAGAATGTGCCACCAAACGTTAAGTGATAGT  
TGCAATATCCTTGTCTAAACAAAAATCAATGTTGACTTTAAACATTTTCTTTAACAGTTGCTTTTTTT  
AAAAAAAATTCGATCTTTCTCTTGCTTTTTTTTTTTCATTGAGGAAGTCTTTTACCTTCCCTACTCACTGA  
GAAGTATTGACTTCGTGGTACACATTCTAAAGCATTCTGATTGTAATATTTTGTACATTTTTATCAAT  
TATTAAACCTTCTCTTCT

>GBEQ0923 |Acc|CD469139|Ver|CD469139.1 GI:31390407|LeukoS2\_2\_E10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_E10\_A024 3', mRNA  
sequence.:Start:1:Stop:424  
TTACAAAATTGGTGGTATTGGTACTGTCCCTGTGGGCCGAGTGGAGACTGGTGTGTTTGAACCTGGCATG  
GTGGTTACCTTTGCTCCAGTCAATGTTACAACCTGAAGTAAGTTTGTGAAATGCATCATGAAGCTTTGAG  
CGAAGCTTTTCTGGGGACAACGTGGGCTTCAATGTCAAGAACGTGTCCGTCAAAGATGTTTCGCCGTGGC  
AATGTGGCTGGTGACAGCAAAAATGATCCCCAATGGAAGCAGCTGGCTTCACAGCTCAGGTGATTATCC  
TGAACCATCCAGGCCTTTTTTTGATTTCTCTGGTGTATGGGATGTCACTTTGTATTATAAAAACCCCTTTGG  
GGTCCATTAAATATTTTGCAGGGGTTTGTGTTGTTTTACCAGGAGAATAAAAACTCGGAGTTTTTTTTT  
TCGG

>GBEQ0924 |Acc|CD469137|Ver|CD469137.1 GI:31390405|LeukoS2\_2\_A07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_A07\_A024 3', mRNA  
sequence.:Start:1:Stop:614  
CATTCCCCTAGTTGCTCAGGAATTAATGAAAAGATGATACGTCAGTTTGCAATTGAGTATATTTCAAAA  
AGTGGTAAAATTCAAGAGAATAGAAATGGTTCAATTGGACCAAGTCTAATATGTAAAAGTATTCAAATGA  
ATCAAGCAGAAAACTCCCTTCAGGAAGAACAGGAAGGCCCTTAGACCTCACTGTGAATCGAATGCAAGA  
ACAAAATACTCAGCAAGGGGATGGAGTGTAGATCTCTACAAAGAAAACCAGCATAAAATCTGAAGAG  
TCGTCCGTATGCGATCCTTCTTCTGAAAATTCATATGGCTGGGAGACTACAGAGAAAACAGAGAGGACTATG  
TGGAGAGAAGTGCTGAGTTTGCAGATGGTTTGTCTCTCAAAGCTTTGAAAGACATTCACTCTGGAGCACT  
GGACAGAAATAAAGCAGGCATACCTCAAAAACTTTACTTCTCCACTTAGAAGCCTTACCAGCAGGGGAAG  
CCTGCATCATTATAAAACAAGCTCGAGATTTCACTGATAGTTACTCATATAAAGACAGTAAAGAACTT  
GTGCACTGCTGCATAAAGTAGCCCTGTGGGCAAGAGCTCAAGCAGAGCGCACAG

>GBEQ0925 |Acc|CD469136|Ver|CD469136.1 GI:31390404|LeukoS2\_2\_B03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B03\_A024 3', mRNA  
sequence.:Start:1:Stop:536  
CTGCTGAATTGTTTACTAGTAATGCTAAAAGAAATTGATAAATCATTTTCACTTACATTTTTATATAATC  
AGGTAACATGAAATATAATTTGATGTACAATTTTGCCTGTTACAGGGGGTGTGCTAATTATAGTGGTATA  
TGCACAAAACATTTTGGCATGACAGAGGCTGAATAAATGGCTATTTTACTTAAAAATAGCTGTGTTCTT  
ATCAGTCCCTTTGAGTCAAGTAAAGTTATAAAGATTAGAAACACTACTAGGTGTTAAATGGTAGGT  
GGATAAGACACGTACCCAAGTTTCTAGCTGTAAAAATACAGTTCTTGGTAAGTTTCTTAAATTTTAT  
CTTAAAGCTTCATACTATTTTCTAATAAAGATATCTGTATGCTCTTGAGTACACAGCAAGTTTGAGGGA  
CATTTTGTATCCAAAAGGAAGTTTCTCAGAATTTGTTGTTGTGAAAATGCTAAAAGGTAAGCTTATCAG  
GTTATTTGTTGATCAGTTTGTCTATGAACATAAAGCGACCTTTG

>GBEQ0926 |Acc|CD469044|Ver|CD469044.1 GI:31390312|LeukoS2\_1\_F10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:763  
TCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGAAGGTTTTAATTACTGCCAGGAAACAAAGCTTAGCAGG  
AGAGGAGAGCCAGAGAAGTGACAGGGGAAGCTACAGGTTACAACAGATTTGTGAACTCAGCCAAGCACAGT  
GGTGGCAGGGCCTAGCTGCTACAAAGAAGACATGTTTTAGACAATACTCATGTGTATGGGCAAAAACCTC  
CAGGACTGTATTTGTGACTAATTGTATAACAGGTTATTTTGTAGTTTCTGTTCTGTGGAAAGTGTAAGCAT  
TCCAACAAGGGTTTTAATGTAGATTTTTTTTTTTTTTTTTTTTGCACCCATGCTGTGATTGCTAAATG  
TAATAGTCTGATCAGCTGAATAAATGTGTCTTTTTTAAATGTGCTGTGTAAAGTTAGTCTACTCTG  
AAGCCATCTTGGTAAACTATCCCAACAGTGTGAAGTTAGAATTCCTTCAGGGTGATGCCAGGTTCCATCC  
GAAATTTATTTATAACCTGCTTGGGCACAGAAGCCATTGTCTCAGAAACCTTGGTGTAGTTGAAGTGC  
AGTTACTGTGTTGTGACCTGGAGTTCAGTTTAAAAGGGTCACCAAGCAAGTCATGGAGTTTCAATTTGG  
TTATTAATATGATTGTTGGCACATCTATGCAATATATCTAAATGTAATTATGATATCAGATAAAGTTAT  
AGATGGGAATGAAGCTTGTGTATCATCCATTATCATGTGTAATCAATAACGATTTAATAATA

>GBEQ0927 |Acc|CD469043|Ver|CD469043.1 GI:31390311|LeukoS2\_1\_F12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F12\_A024 3', mRNA  
sequence.:Start:1:Stop:797  
CAGTAAATGTTCCCATATTTAGAAAAGGATATCAACTTGCTAATTTTCAAGATTAATATTCATTTTTTAA  
AAAGCCCTTTCTTTTAGGCATCTGCTGAGGATTGGCATAATTTAATAAATATCTGTTTTTTTTTCAGTG



GCCCCAAAATACAATGCTTTGATAAACTACATTGAACTTCAAATTCAGATGAGGCAGCATTTTCTTGAG  
ATAATTATCGAAGTTTCTTCTTGTGATGATACAAAATCTCTCTGAAACTAACAGGAAGGTATTTTAA  
CATAACTGGGATAACTTGTGCTATAATTGTTACCTCACCTCATTTTATTTTAACTAGTAATTTAAAAGT  
TATTGTAAGTCCCTCGAAATGCTTGTAACTGAGAACCAACAGAAAAAGTTAAATTTAGAATAAGAATGAT  
TTCTTTCATTTTCCCTTCTTGTGTTTTTGGTTGGTCATTGAACTTTGTAAAATTTTGATTTAATGTATCTT  
GGGTCTGTTACTTTATCATCTAAGACTCATTATTTTAAATGCAGGAAAAAAAAGATTTAGCAATTTCTT  
TTGGTCTTGTCTTACATGTAAAGTATGCCATCCAGTCATTTAAGAGCCATCCCCAACTCCTCGGCAATATG  
TATTTGAATTCACATTATTTCTGTTTTACAGCAGTTTTGAATAGCATATATTGTGTCACTGAGTGTCTATA  
TTATTTGTAAGTGATTAACATAGCCATCAAATTTGGTATCAAGTAATGCCTAATACTGTGGGATGTAA  
CTTCACGAGATCATCGTTTCACATTAA

>GBEQ0928 |Acc|CD469039|Ver|CD469039.1 GI:31390307|LeukoS2\_1\_G07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G07\_A024 3', mRNA  
sequence.:Start:1:Stop:652  
ATGGAAGGATCCCGCCTTAAGTCAACTTATTTGTTTTTGGCGGAAAGTCGCTACATGGATCAGTGGGTG  
CCAGTGATTAACCTCCCTGAACGGTGATGGCATCTGAATGCAAACTGAACCCAGTTGCACTGAAGTT  
TTGAAATACCTTTGTAGTTACTCAAGCAGTTACTCCCCACACTGATGCAAGGATTACAGAACTGATGTC  
AAGGGCTGGGCGAGTTCAACTACATGTTCTGGGGGCCGGAGATAGATGACTTTGCAGAGGAAAGAGGT  
GAAATGAGAGAAGGAGCTGTGTTGAAACAGAAATACAAGACACAAGGAACAAAAATGACAAAGAACCAC  
GCAGGAAGGAAAAACAACTATGTATTGATTTAGGATGGTTGAGTTACATTTAAATAAACCAAATATGCTT  
TGTTAAAAGTTTAAATGTGCGGCCGTAGTTTGGGTATTTTTGGTTTTTATGCCCTCAAGTACAAGAAAAG  
CAGAAAGGGTTAATCATATTTTAAACCATATTTTATTGTATTTTATGATGAGATGTTAAACTCTCAAAGTT  
TTATTATAAATTGCACTAAGTTATTTTATGACATGAAAGGTTATTTATGCTATAAATTTTTTGAAACACA  
ATACAATAAACGTATGGAATAA

>GBEQ0929 |Acc|CD469038|Ver|CD469038.1 GI:31390306|LeukoS2\_1\_H01.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H01\_A024 3', mRNA  
sequence.:Start:1:Stop:685  
TGCCCAAGTGTCACCCAGGTCATCACTGTGCTCATGACAACGCTGACCAAGCTGGCCTCCCGGAGCCA  
AGACCTGATCCCCAGGCTCTCTGTCTCTGTCAAAGATGAGGACCCTGGCCAGAGCCCGGCCACGAGC  
TCCATGCACGGTGAGGAGGACGCGGGCGCCGTCCGCACGCGGGCCACCGAGCTGCTGAACCTGCTGAAGA  
TGCCACAGCGTGGCCAGTTTCGTGCTCACACCCAGCGTGGAGGTGTCCAGCCCCGCTATCACCGCGACAC  
CAACACGGCCCTGCCCTGGCCCTGTGCACCGTCAGCCGGCTGGCGGAGAAGGAGGCGGGCCTCCTGCCG  
GGGTGAGAGGACGGCCACCAGGACTGAGAGCCTGAATCAGGGCAGGCTGAGGCTTTGTGATCCGAGAGGA  
AATGAGGAGGGCGTTAGGCCAGGGAGGAGGCTGGGGGGTCTTGGTCTCAGTGCTGGGCGGGGCTGTCC  
CGTGACACGCGATGGGTGCTTGTGTCTGTAAACCCCTTCTCCTGTGACATGCTGAGCTGTGTGGTGCGAC  
AGCTCTGACTCGTGGCTTGAAGTGGACGCGCAGCTGCCTGCTGTGTCTGCTGCTGTTCTTGTCTGGGGGC  
AGTTGGGGGCCAGAAGAGGTACAGCAAAAATAAATCCCCTTTAACAAGGATCTGC

>GBEQ0930 |Acc|CD469032|Ver|CD469032.1 GI:31390300|LeukoS2\_1\_F04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F04\_A024 3', mRNA  
sequence.:Start:1:Stop:533  
GAGGTTTTTAGAAATGTGAAATGGGGTCTTGAGGTGAGAGAATTACTCTTGACTGCCAAGGTTTCCAAG  
TGAATGATGCCAGCATTTATTTATTTCCAAATTCGTCTGTTGGATCATTTGAACTCACTTTTAAACATA  
AGACCTGAACATATAGCAATATGCAATTTGGCTTTTCGTGTGAACCTTGAATATGCAAGCCAGCAGAAAG  
CGAATCTGAAAGGAGTAACACAAGAAGTTTTCGGTGTGCCACGTGTTTTTCAAAGCATTATTTCTTCGAA  
CCATGAAACTTGAACCTGAACCTTTCAGCAGAAATCTCTTGAATTTAACCAGTCTGATGCAACATTGTGT  
ATCTGTACCTTCCACTAAGTTCTCTCTGAGAAAATGGAAATGTGAAGTGCCAGCCTCTGCTGCCTCTGG  
CAAGACTCGATGTTTACAAATCAACTCTGAAATACTGGTTCTCAATTTGCCTTGGAGCATGATTGTGAAG  
GAACCACTAGGAATTTTAAAGATCAAACCTTAACTGCAAAAAA

>GBEQ0931 |Acc|CD469026|Ver|CD469026.1 GI:31390294|LeukoS2\_1\_G05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G05\_A024 3', mRNA  
sequence.:Start:1:Stop:578  
TTCGGAAGCTATTGGAATATGAATACTGGTAACAGCTGGGATATATGAGAAATATTTACTTACATCTGGC  
CTTCATCAACTGACCTTGAAAACCTCACGAGAAGCTTTTCTTAAATGCGATTTTGTTCGTCTCACTGT  
TTTTACCTTGACTTCAACTGCCCACCCATTCACTGAGCAGCTGGGGATGACTGGTTTTTCTGTCTCATT  
ATTTACACATATTTGCTGGAGCTGATTACTGAACTCGTATTTAATCTCTACTGCCAGTGAATGTTTACAT  
TATTTTTCTGATTGGTTTCGCCTCTTATTTGAAGTATAATTACAGCAATGTTAGTAGGATAGAAAAGGAG  
GGAAATCATTTAGGCTTTGAGGTTAGCAAGAGCTATGGGCGTCACATGCTTGTCTCTCCAGCAGCTAA  
TTCTTATCTACTTCTCAGATCAGGTTTGGGGGAGCTTTGGCATCTTTTATAGATTTTAAATCTCTATTTCT

TAATCCAGGGTACAAATGTGAGCAAAAGAAAAAGAAATCTTTTATACTTTTTTAAACAAATTTATATAA  
TAAATTTTGAGCTGCTTC  
>GBEQ0932 |Acc|CD469023|Ver|CD469023.1 GI:31390291|LeukoS2\_1\_B07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B07\_A024 3', mRNA  
sequence.:Start:1:Stop:608  
GCCACATTGAAGAAGATTGCGCGTTCACAAAGGCCAACAAAGGAGGTGATGGAGAAGGCCGCGGAGGTCTACA  
CCCGGCTCAAGTCGCGGGTCTGGGACCAAAAATCGAGGCCGTCCAGAAGGCCGAGCAGACCTGGGACAGA  
GAAGGAGAGAGCCGAGGCGGAGAAGGCCGAGGAGGCGCTGGCCGGAGAGGAGGCCCCACAGAGCAAGCG  
GAGGACGAGGCGAGCACTGACCTCTCGGCCCCGGTGAACGGTGAGGCCACGTCCCAGAAGGGGGACAGCA  
CCGAGGACAAGGAGCAGGAGGAAGGACAGAACTCGGAGGGGGGGCCGGGGGGCGGGTCTCCGAAGACCT  
GCTGCACAACGACACGCGGGAGGGCCCCGGCCTGGCCGCGCCCGGGGAGGAGCGCAGAGGGCGCGCGCG  
GACTCCGAGTCCGACAGCAGCAGGACAGCTGAGCCCCGCGCTGCCACCCGCGCCCGCCCGCCCA  
GGGAGCAGAGAACTGTTGGGGAACGCCGTGCTGTTGTTTGTATTTGTCCCCCTGGGTTTTTTTCTGCCT  
AATTTCTGTGATTTCTGACCGACATGAAATGACTATAAAGGGTTTTTT  
>GBEQ0933 |Acc|CD469022|Ver|CD469022.1 GI:31390290|LeukoS2\_1\_C11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:723  
GAGAAATGATGAAGAGCTGGAGATAAGAGCCACAAAGTCATCTCCGAGGAGAGGGGCCGGAAGCCCCAC  
CAAATTCAGGGTCAACTCCTTAAATCCAGCTGCATCCAGCCCTCCTCCACCACCTAGTCATCGTCCCC  
AGGCACCTGGTTCATCGCCCCAGGTACCTGGTTCATCGCCCCCTTCTCCTGGCCACCGTGTCCAGCACCA  
GCAGCAGAGAGGCCAGCTCCTACCCCGGGGCACACAAGCTCACCAGCAGAAAGGCCCTCCCCCTCCCCAGG  
CCTCGAGTACAACCAAAACCTCCCCGTGGGGCCACAGAAAACCTCGTAACCTGTCTCCTGACACAGCTGT  
CCCCCTCCTAATGAAGGGTGTCCACCAGTAGAACATTATTGCCTCCGAGCTCGTGGGCCACAGCCA  
CATCTGCACCTTCTAACTCAGCCACATGGTGTAACTCTGGAGTCTGGAGTCTGTGGCCTCCTCATAGATCT  
CCACCACGCCAGGAAGTGAAGAACAAAGGTTTAGGTTGTTGGGCGACCAGGCACAAATCCTAGAGGTGGC  
CTCCTCGCTCTCTCGGATCAGCTGCAGATGTGAGCTGTCGAGCGATGGCTGTGCCTGGGTCTCACCGCCAA  
GCAGCCAGCCTGCTCAACAGACTCCTGGGTTTCTCATGTGCCTGGTGGACACTTGCCAGTGTCTCGGGA  
GTAGAAGTAAATAAAAGCTTTG  
>GBEQ0934 |Acc|CD469020|Ver|CD469020.1 GI:31390288|LeukoS2\_1\_E12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_E12\_A024 3', mRNA  
sequence.:Start:1:Stop:722  
GCTTAAAAATGGAACCTGTCAACCATGGGAGTGTGAGAGACAGTCTTCCTGCCAGGGATGACCAACTT  
TTCCGCAAGTTCCACTATCTCCCTTCTTGCCCTCAACTGAGGATGTTTATGACTGCAAGGTGGAGCATT  
GGGGTTTGGATGAGCCTCTTCTCAAGCACTGGGAGTTTGAAGCGCAACTCCCTCTCAGAGACAACAGA  
GAATGTGGTGTGTGCTGGCCTGGGCTGTTGTTGGTGTAGGAATCATTGTTGGGACCATCTTCATCATC  
AAGGGTGTGCGCAAAGGCAATACTGTTGAACGCGCAGGGCCTCTGTGAGGCATCTGCAGGTAATGGCCTT  
AGAGAGAAGATCAATGAAGAACTTCTGCTTTACTAGCCTTATAACCTGACAATACTCCAATTGTTCACT  
TCAGTGAAGACAACCATTTTTCAGCCTTCCAGCCCTTTAGCTACTTGAAGAGTGTGATGCCTCCATATG  
CAGCTCTCCTCTGTCTGTTGCCCCCTTCTGTATCTGTTTCCCTCCATTCCCCTATCTTTTATTA  
TCACCATGTAATACCTCTGGAATAGACCCACAGGATCCTTCTCTGCTATGGAACCTTTTGAATATTCT  
ATGAGGAAATCTTCTGTATGCTTATTGCTTGGAGTTTCTTCAAACCTGTGATTGTGATTGTTTGAATACA  
ATAAACTACTAGATGGGTCTTG  
>GBEQ0935 |Acc|CD469014|Ver|CD469014.1 GI:31390282|LeukoS2\_1\_E04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_E04\_A024 3', mRNA  
sequence.:Start:1:Stop:540  
AAAGTTGATGAAGCTGTAGCTGTACTACAAGCCACCAAGCTAAAGAGGCTGCCAGAAAGCAGTTAACA  
GTGCCACCGGTGTTCCAGTTTAAATTTGATCAGGGACCACGAAAAGAACTCGTGCTTCACCGAAGA  
AAAATATCTAAACATCGAAAACTTAAATATTATGGAAAAAAACATTGCAAAATATAAAATAAATAAAA  
AAAGGAAAGGAACTTTGAACCTTATGTACCGAGCAATGCCAGGTCTAGCAAACAGAATGCTAGTCTCTA  
GATTACTTATTGATTTAAAAACAACAAAAAACCCCAAAAAAATAGTAAATATAAAACAAATTAATGT  
TTTATAGACCTGGGAAAAAGAAATTTTTCAGCAAGTACAAAAATTTAAAGCAATTCCTTTCTTAAATTTT  
TAATTTCTTACTGTGGAATAGCTCAGAATGTCACTTCTGTTTTTAAATAACAGAACTGATAATTGAGCAAG  
GAAACGTAATTTGGATTATAAAATCTTGTCTTAAATAAAATTCCTTAA  
>GBEQ0936 |Acc|CD469011|Ver|CD469011.1 GI:31390279|LeukoS2\_1\_H05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H05\_A024 3', mRNA  
sequence.:Start:1:Stop:654  
ACAACTCTCAGAGCAAGACATACTGTAAGCGGCTCCAGGTCTGTGCCCCGAGCACTCACGGGACACCAA



AATGCCAGCCGATGAGGTATGCGGGTGCCCCCTTGTACGTGACGTCTTTGAGCTCACAGGTGACTTCTGC  
CGCCTGCCCCAAGCGCCAGTGCAACCGCCATTACTGCTGGGAGAAGTTGCGGCGTGCTGAAGTGGACCTGG  
AGCGGGTGCGCGTGTGGTACAAGCTGGACGAGTTGTTTGAACAGGAGCGCAATGTACGCACAGCCATGAC  
GAACCGGGCAGGACTACTGGCCCTCATGCTGCACCAACGATCCAGCATGACCCACTCACTACAGACCTG  
CGCTCCAGTGCCGACCGCTGAGCCTCACTGGCCAGATGTCTCACACCCTGCATTCCAGGCAGGAGTGC  
CTGAATTCCTCCATTGACTGTTCTGCCATTATCTGTTTCTCCAATGGTCCCTGAGTTTCTCCCTGTGCC  
CATCCACCATTTGCCCATCTGACCTTTCCAGAGGGTCTCAGAATTTCTCCCGTTTTGTCTATTCTCTG  
TCTCTCCATTCTCTGCTGGGTGAGACTGTGGAGTCTGCTCACCTTGCCTCCCCATCCTCTGGTTT  
TGTTAATAAAATTTGAAGAAGCAA

>GBEQ0937 |Acc|CD469010|Ver|CD469010.1 GI:31390278|LeukoS2\_1\_A04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_A04\_A024 3', mRNA  
sequence..:Start:1:Stop:608  
TTTTTAAGAATGTTGACTTGCTCAGTGATATGGTTCAGGAACATGATGAACCTATTCTGAAGCACTTGAA  
AGATATTAAAGTGAAGTCTCAGATGCTGGCCAACCTATGAGCTTTGTCTTAGAATTTCACTTTGAACCC  
AATGAATATTTTACAAATGAAGTCTGACAAAGACATATAGGATGAGGTGAGGCCAGATGATTCTGATC  
CCTTTTCTTTTGATGGACCAGAAATTATGGGTGTACAGGGTGCCAGATAGACTGGAAAAAGGAAAGAA  
TGTCACCTTTGAAAACCATTAAGAAGAAGCTATTGAAGATGATGACGACGATTATGATGAAGAAGGTGAAG  
AAGCGGATGAGGAAGGGGAAGAAGAAGGAGATGAGGAAAATGATCCAGACTATAACTCAAAGAAGGATCA  
AAATCCAGCAGAGTGAAGCAGCAGTGAAGCAGGATGTATGTGGCCTTGAGGATAACCTGCACTGGTCTT  
CTGCTTCCCTGGAAAGGATGAATTTACATCATTTGACAAGCCTATTTCAAGTTTTTTGTGTTGTTTGT  
TGTTTGCTTGCTTTTGTGTTTGCAGCCTAAATAAAATGTCAAATAT

>GBEQ0938 |Acc|CD469006|Ver|CD469006.1 GI:31390274|LeukoS2\_1\_D11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_D11\_A024 3', mRNA  
sequence..:Start:1:Stop:727  
CCCCTTTATCATTTTCTTAAGGAACAGACTTAAGTATGCCCTAACAGGAGATGAAGTAAAGAAGATTTGC  
ATGCAGCGGTTTCATTAAGATTGACGGCAAGGTCCGAACCTGATATAACCTACCCTGCTGGTTTTATGGATG  
TCATCAGCATTGACAAGACTGGAGAGAATTTCCGTCTGATCTATGACACCAAGGGTCGCTTTGCCGTTCA  
TCGTATTACACCTGAGGAGGCCAAGTACAAGTTGTGCAAAGTGAGAAAGATCTTTGTGGGCACAAAAGGA  
ATCCCTCATCTGGTGACCCATGATGCTCGGACCATCCGCTACCTGATCCTCTCATCAAGGTCAATGACA  
CCATTGAGATTGATTGGAGACTGGCAAGATTACTGATTTTATCAAGTTTGACACTGGTAACCTGTGTAT  
GGTGACCGGAGGTGCTAACCTGGGAAGAATTGGAGTGATCACCAACAGAGAGAGACACCCTGGTTCTTTT  
GATGTAGTTTCATGTAAAAGATGCCAATGGCAACAGCTTTGCCACCCGGCTCTCCAACATCTTTGTTATTG  
GCAAAGGTAACAAGCCATGGATTTCTCTTCCCGTGGAAAGGGCATCCGCCTCACCATTGCTGAAGAGAG  
AGACAAGAGACTGGCAGCCAAACAGAGCAGTGGGTGAAATGATCTCTAGGTGACCTGATCTTTGTACCTA  
ATTAAAGTTAAACAGTGTGATTTCGTT

>GBEQ0939 |Acc|CD469005|Ver|CD469005.1 GI:31390273|LeukoS2\_1\_C09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C09\_A024 3', mRNA  
sequence..:Start:1:Stop:637  
GAGCAGAGGCTCCAGCCTCAAGATCCTCTCCAAGGGCAAGCGGGGTGGACATTCTTCTGTTTCAACTGAG  
TCTGAGTCTTCAAGTTTTCACTCCAGCTAACGCTGATGTAAAAGACTTTTCGACATTAAAGAACTTTTTT  
TGTTACACATTTTTTTCAGATATAAAAGACTGACCAATACTGTACAGTTTTTGTGACCGTTGGATTTTTT  
TCTTGTGTTTCTTTAGTTTTTGTAAAGTTTAAATGACTTATTTATATAAATATTTTTTGTTCACGTTGA  
TGAGCGTCTAGGCAGGACCTGTGGACAAGTTCTTAGTTGCTGTATGTGACACTGTAGGACCATAGAAAAG  
GGAAGTGAACATTCAGAGTGTACAGTGAATCACTTAAGCTAGAAGCGATCCTCAGCTGTTTGTGCATAA  
ATAATCTCTCCATTCCAGTGGAAACATTTTCTTTGCTGTTCTTAAAATTGTTTGGGTACACCATGTGAC  
TTTCGCTGTAAAAGTTGGCACTTACAACCAAGCCTGAAGTGGTATAGAAATGCTCGTTTTTTCAGTTTTT  
GGAAGTGGGTTGATAGCAGCGCCTGTAATGTACAGTCTTGTATTAAAGTTGTTAATAAAAGTATGGATAAA  
CTTAAAA

>GBEQ0940 |Acc|CD469004|Ver|CD469004.1 GI:31390272|LeukoS2\_1\_H11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H11\_A024 3', mRNA  
sequence..:Start:1:Stop:627  
CGCGGTGAGGACCACCCAGCTGTGAGGAAGCTAAAGCGCTACATTCCGGGCTGTGGTGGCCATCGCAACT  
ACAAGAAGCTGCTGGGCTCCTGCCGCTCATACAAGGAGTGCCTGAGTGTCTCCGGGCAGAGCTGGAAGC  
CCTGGGCATGAAGGTTAACCCCTCCTTAGAGAAGTGTGAGCCCTGAAGGAGCAGCGGGAGGAGGCAGCC  
GAGGTGGCCTCCTTGGATATTACCAACATCATCAGCAGTTTCAAGCCGCTCACGCAGACGCACGGCCTGGA  
ACCCTTCAGGAGAAGCAGCACCCCCAGGGGAGCTGTACCGCCGGACCTGGACTCAGAGGAGGAGCAGCC  
CCATCCCCCACCACCCAGACTGGTCACATTTGCGGGGCATCATCAGCAGTGTGGTGAAGTAACTGAACT

CCCTCCCTCCTCCAGGAGGGACTTCCCTCTTGTAGCCAACATATAAAACACCCCCACCCCCAACTCTGTG  
CCTGCACAGAGCAGAAGCAGCTTTCTTCAGAGAAGACTTGCAGCCCCCTAGGGACATAAGTTGTTGGGATC  
CTACTTCTCAGCCTCGTGTAAAGGTGTTTGTGTTTTTAAGACTCAATAAAGGAGTGTGTTGAATCACC  
>GBEQ0941 |Acc|CD468998|Ver|CD468998.1 GI:31390266|LeukoS2\_1\_B01.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B01\_A024 3', mRNA  
sequence.:Start:1:Stop:564  
CATGACTAAGGCATTTTAGTGATAGTGAATTAGTCCACAATTTTAAGCTTACCGAAGTCAGACAAAGAAA  
ACAATCATGGAGATGAGCATTGCCTTCTAACCTCCCTCCGAAAAAGTTGAATTTCCCTCATCTGCACATA  
AAGCGAAGGGAAGTTTAGTAAATGTTTCTTCTTCAAACATGTAGAATGTTTATTTCCATTCTGCTACCT  
CCAGAAGAGGCAGTTTAGAAAGTGTTCATAGGGGCCCTGTTCAATGCCATTCTTCTTTAACAGTTTGTG  
TGTGGGGGTTAACCTTCTTAAATCCAGTAGAGTACACTATGGTCATTGACCTTAATCCCTCTTTGGT  
GTTAGAAATTTATTTTACAAAGTTGCGCTAAGACCTTTGGAAAAATAAAGTGAACTGCGGTGGTGAAAA  
CCAAGTTGGTTTCAAAAAAGTTTCTTTAGACATTACTTGGCTGTTATACTTTTCTTTAAACTGCAATA  
ATTTATATATTTGTATTGCTCTGCTTTGAACTGTAACATACAGCTTGTCTACTATTTTAAATTTTAA  
CAAT  
>GBEQ0942 |Acc|CD468988|Ver|CD468988.1 GI:31390256|LeukoS2\_1\_B09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B09\_A024 3', mRNA  
sequence.:Start:1:Stop:610  
TATGTGGTGGACGCTCTCTGGAATGAGGAAGCGGTGTTGACGACCATGGACATCATCCACGACGGATTGCG  
GGTTCATGCTGGCCTTTGGAGACTTAGTGTGGGTTCCTTTGTCTACAGCTTGCAAGCCTTTTATCTAGT  
CGGGCATCCAAATGAAGTGTGCTGGCCGGTGGCTTCTCTGATTATGCTCTGAAACTTTGTGGCTATGTA  
ATCTTCCGATGTGCAATTTCTCAGAAAAATGCGTTCCGGAAAAATCCCACTGATCCAAAGCTTGCACATT  
TGAAAACCATTCATACCTCCACGGGTAAGAGTCTGCTCGTCTCGGGATGGTGGGGCTTTGTCCGCCACCC  
CAATTACCTGGGCGATCTTGTCTATGGCGCTGGCCTGGTCCCTGCCGTGCGGCTTTAATCACATTCTGCC  
TATTTCTATGTGATCTACTTCACCTTGCTGCTGATCCACCGAGAGGCCCGAGACGAGCACCAGTGCAGGA  
AGAAGTACGGGCTGGCCTGGGAGAAGTACTGCCGGCGCGTGCCCTACCGCATCTTTCCGCACATTTACTA  
GCTCGCCCCAGCCCGCGCTCCAACCTGCTCCTGCCTTCTGGCTTCATT  
>GBEQ0943 |Acc|CD468987|Ver|CD468987.1 GI:31390255|LeukoS2\_1\_G11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G11\_A024 3', mRNA  
sequence.:Start:1:Stop:725  
TGTACAGCACATTTGAGGATGGTTGGTGTCCTATATCACATTTTCCAATGCAACGTGGCTGACTTTTTT  
ATTTGTGGTTTTCTCTGCGTCCAGCATAGCCCTGCTGGTCAAGATTTTCTGTAGCTCCCGAGGGGTGAAG  
GTGACCAGGCTTGGGGTGACCATCTGCTCACAATGCTGGTCTTCTCCTCTGTGGCTACCGTTCTCCA  
TCCACTGGTTCCTCGCAATACGCATCCAGAATGGTTTCAATACGTTCTCTTTGTTACCTTTATATGGTTAC  
GATTGCCCTGTCTGGCATCAACAGCAGCGCCCAACCCCATCTTCTCTGTTGGCTCCTTAGGCAG  
TGGCGTCTTAAGCAGAACCTCAAGTTGGTTCTCCAGAGGGCTCTGCAGGACACTCCTGAGGCGGAGGAGG  
GTGACGGAAGCACTCCTCAGGAAACCCTGGACATGTCCACTAGCAAGTTGGAGCAGTGATGAAGAGCCCC  
TGCTGTGGTTCGGTCAGAGTGAAGTGCAGAGTCAACGCTGCCCTGCCAGACCTGGCAATTACCCCCCTCTT  
CTCTGAGACTCATGCCCTTAAATGTGCCGGCGATTCCCAAGTGTCTTCAGACAGATTGTTTTAGTCCA  
GCTTTTCTAGTTTTTCTCAGAGAAAGCATTAGTCTGAAAGCTGTACCTCTCCCTCTTCTTGTACGTTACC  
AATAAATTTCTCATGTTTCTTCTCT  
>GBEQ0944 |Acc|CD468916|Ver|CD468916.1 GI:31390184|LeukoS3\_8\_G01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G01\_A025 3', mRNA  
sequence.:Start:1:Stop:505  
TGGGCTCCTGATTCCCCGGGAGGTTCTGCATGAAGGTTGCACGCAGGCTCGTGAACAGCAGTCTGTGCTT  
AGGGTCTTGGGGACTTAGAGTGGGGTTTTGAGCATGGGGTGCTGAAGCCTTTCTAGGTTTGGATGTGAGC  
GGGAAGGAAGACCGAAGTGAAGCCAAAGCACAATAACTGAGGGATTGAGTTAGTGGTACCTTGGGGAT  
TTTTCCATCTTGCAGTAAATGTTAACAGAAATATCTGCAGCCTGTCTCTATTTCATCAGGCAGTTTGT  
TCTAAGGGTTATTTGCCTCATCTCAGATCTTTAGTGACGTTTTGTGTGTAATTGTTGTGTAATTTATCCA  
CCATGGGAACAGAGAACCCTGTTTAGTGTGCACTTTAGACTGATGTCTGTTTTATTAATGCAGCTGTG  
ACACAAATTTCCCTTTACCTTTTAAAAATGTTATGGCTTTAAATTATGATTTATTTGATTGTGGAATAA  
ATACATGGATTAAAA  
>GBEQ0945 |Acc|CD468911|Ver|CD468911.1 GI:31390179|LeukoS3\_8\_G08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G08\_A025 3', mRNA  
sequence.:Start:1:Stop:656  
GAGCCAAAGAAACCCGAAGAAATCCAGCCTCCAAGTTTCAAGTCTGCAAGCAAGTATGCTGCTCTCTCCA  
TTGACGGTGAAGACGAAAACGAGGGAGAAGACTACACTGAGTAGACCTTGACAGCCTGTGCTTCTCTCTA

GTCTCTCTCCACCCAGGAATTCGAGAGCAAATCAAATCAAACCTCTGTCCAGCCACGCGGGGCTGTTGGT  
GTTTGAGTGTCTGCAGCAGTGGGCAGAAATGAATCATTTACCCAGTGGACATAAAAGACATACCAAGCGAAG  
TAACCTTTAAATAAATGGCTTGGGTTGGCCTAGTAGCTAGGAAGTGACTTTTAGAGATGCCCAAGGTTGAA  
AGGGTTTTTTTTAAGCCATTTGCTGTAGATGATGAAAAGGTAGGGTTTGGCCTCTTCATGTCTACTCCTTC  
CAAATAGTTGTATCAAGAAATCTTTTTTCCCTACTCCCTACCTGCTCCCCTTACAACAGAAATGGGGAT  
TTATGTCCCCTCCTCAATACGTGTAAATTTGTACAAAATATCTTCTATGAAAATGATTTGTAATCTG  
TAGACAATACCTGGGAGATGTCTTGAGATGTAAATCCCATCCTTTGGGTTGTGGGATTTTTGTTTTCT  
CCAAATAAATCTGATCTTTAAAGTTC  
>GBEQ0946 |Acc|CD468905|Ver|CD468905.1 GI:31390173|LeukoS3\_8\_D01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D01\_A025 3', mRNA  
sequence.:Start:1:Stop:480  
TGGCAGCGTGATGGGGAGGAGCAGAGATACCCGTGCCATGTGCTGCACGAGGGGGCTGCCTCAGCCTGTCA  
CCCGGAGATGGGAGCCGCTCCTCAGTCCACCATCCTCATGGTGGGCGTCATTGCTGTCTGGTTCTCCT  
AGGAGCTGTGGGGGCTGGAGCTGTGATCTGGAGGAAGAAGCGTTCAGGTGAAAAAGAGGGATTTACGTG  
CAGGCTGCAACACAGTGCAGTGCCCAAGGCTTTGATGCGTCTCTCCACAGAAAAGTGTGAGACAGTGGCC  
CTGTGGGAGACCAAGTGATGCAAGATTTGTTACGCTCCCTGTCTTAACCTTCGTGTTGCACTCACTAGTG  
ATCATTTGCTTCTTACTGAAAATATGAATCCAGATATGAGTTTTTTTCTAATTCTTGTGTAAGGGATG  
TGTTAATTAAGAAGAAGATTCCTAAAGTTTGAGAGTGGAAATAAATGGAAGCACTGAGA  
>GBEQ0947 |Acc|CD468903|Ver|CD468903.1 GI:31390171|LeukoS3\_8\_G07.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G07\_A025 3', mRNA  
sequence.:Start:1:Stop:734  
AAAGCCATGGATGGAAATGCCGATATGACTCAAAAAACCGAGCTGCCACATGTTCAAAGTATACCGAAC  
TTCCTTTTGGCAGTGAAGATGACTTGAAAGAAGCTGTGGCCAATAAAGGGCCTGTTTCTGTGCTATAGA  
TGCAAGTCATCCTTCTTCTTCTCTACAAAAGTGGTGTCTACTACGACCCATCCTGTACTCAGAATGTG  
GATCACGGTGTCTTAGTGTGGCTATGGGAACCTTAATGGGAAAGACTACTGGCTTGTGAAAAACAGCT  
GGGGAATCAACTTTGGTGACAAAGGATATATTCGGATGGCAAGAAATAGTGGAAATCATTGTGGGATTGC  
TAATTATTGCTCTTACCAGAAATTTAGAGGATCTCTTCATTTTATAACAAGTCAATAAAGATAAAGCAC  
TTTCTCTTAACTAATTTTACCTGCTGGGACTAGTAGAAATGTGTGTCATAATCAGTGTATATTTATTGT  
ACTAATATAAAATATAGTTTGATTCATCTTTCTATAAAATATAGTTTGATTCATCTTTCTTAACTTTGC  
AGATCTCGGAAAACTTTTGCCAAGTAAATTAATAACATCTTATAGATATAACTGTATGAAAATTGGTCAG  
CATGAGATAATCTGTCTATTGCTTATTTTACATACCTTGTTTAAGTCCCCTAATATGCTTTTGTAACTTGA  
TGGCATATAAATGCTTAATAAATATGTGTCTTT  
>GBEQ0948 |Acc|CD468897|Ver|CD468897.1 GI:31390165|LeukoS3\_8\_H08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H08\_A025 3', mRNA  
sequence.:Start:1:Stop:640  
GCTGGGAGGGTCAGGAGGCCGAGAGGATCCTGTGTAAGGGGCTGCCCCACTGTATGGTCATTGTGTCAGGGC  
ATGCCCCAAAGAGTCCATGGACTGGTGGATGTGACCTCACCTCTCGTCCCTGGGACCATCAGCTTTCATG  
AATGAGCCCCAGCCCCCTGCGCAGGCCCTTGTGGAGGGTGCCTAACCAAGCTGGGGAGGCCCTGAAGGCCA  
CTGGGAGGGAGAACCGAGGCCCTGGGGCCCTCAGACCAAGTGGTATTATTGTTTGCAGGCTGTGTGACCTC  
TGTGACATCAGCCAGCCCCCTTGAAGCCCCGGGCCCCGCATCTAGAAGTGGGAAAGACCATAGCTACCTCA  
TGGTTATGTGCAAAGCCTTACTCTCTCCAGCCCCGGGCCCCAAAAATCCTCAATGAAGGGTCGTTCTC  
AGGGTCATTACAGGGGCAGGATGGATGCAGAAAGGTGGAGTAAGGAGTTCGAGGGACCTGAGGTGCCAG  
GCCCTCGGGAATCCTGGAAGGAGTGTCTATGCCTATGCACCCACACAGCCACACACCCCTGACATACCT  
ATGTGCACCTGGGAGACACGAAGAGAAAGGACAGATGTGACTCACGCTTTGATGATCAAACTTTAATAA  
AGGTTCTAAA  
>GBEQ0949 |Acc|CD468896|Ver|CD468896.1 GI:31390164|LeukoS3\_8\_C12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_C12\_A025 3', mRNA  
sequence.:Start:1:Stop:640  
TCCATCCCCTTTACAAGTGCCTTCTCAGGGCCTGGGTGTATCGGCCAGGAGAGGACACAGAGGAGGAGG  
AGGAGGAAGATGAATTCAGTGATTGAGGAGCAGCTGAGGAAGAGGAAGAAGCTGAGGGTCCCTCTTCCAT  
CCCCTTTACAAGTGCCTTCTCAGGGCCTGGGTGTATCGGCCAGGAGAGGACACAGAGGAGGAGGAGGAG  
GAAGATGAAGTCAAGTATTGAGGAGCAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG  
TTACAAGTGCCTTCTCAGGGCCTGGGTGTATCGGCCAGGAGAGGACACAGAGGAGGAGGAGGAGGAGGAG  
GGAGCTGGGCCCCCTGCCTCACCCCTGCTGCCGGGGCAGGGGCTGGGCACGCCTCAGGAACCCCTCCCGCT  
TTTTTGGCCACCCTACCTGCGCTGACCTATGCCTATGCACACATCCTCCATCCAGGCCATGCCCTTGAGCC  
ATGCTGTGGCCTCTCCCTCCCTCCTTACGTGTCTCTATCTCCTTGCCCTGGACCTCAGTGGGAGGTGTGG  
CTAAGTTCATGTGTTTGCATGTTATTAACTATTTATTTTTTTAAGTGTGGTTTATATAAGGAATAAA

GCCTTTTGAT

>GBEQ0950 |Acc|CD468893|Ver|CD468893.1 GI:31390161|LeukoS3\_8\_D07.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D07\_A025 3', mRNA sequence.:Start:1:Stop:700

GAGAGGGGACTTCCTTCTTTCTCATTTCCTAAGGGTGTTTATTTGGTTGAAGTTACTTTTGTCTGAGC  
 CCCAGGACACTTATCTGATGAGTTGTAAACCCCTATACTGGCACCTCCTGCCACCACCACACAACTTAG  
 TTGAAATGCTCTCACTTGGGCAAGGGTGCTTCCTTCCAATACCCTAGCAGCTCTTATTAGCAAAGGGAC  
 CCTTCCCAAGCCAGGGTCTCATATTCAGTGAAGCTGCTTGCTACCTCAGCCCAGGGTTGCTTATTC  
 TGGGGGAGGTAATGCCCTATTGTTATCCTGGGGTTATTAGTGGTTTTTTTTCTTTTTCTTTTTTTGGTG  
 AGGGGACCCTACTCTGTTATCCCAAGTGCTTATTCTGGTGAAGAGAACCCTACTTCCATGATTGGGA  
 AGAAATGGGAGATGGACACCACAGAGTCCACTAGGATGGGGTGGATGGTTTTTTGAGGGATGGGGTGGG  
 GGAAATAAGTCTTGTTGTTTGTCTCCTGGGGCCCTCCCTCTCCACCTTTTTCAATTCTTGCTGCCTCCT  
 TCTGAGCCAGGATTGTCCAGTTGCTGAAATGTAATACTTATGTATTAGGCGGAGGGGAGCTCCAAGTGT  
 GTCCCTCTCCTCTCCTCTGCTGGGTTATTTAAAAAGCCATGTGTGGAACTCACTATTTAATAA

>GBEQ0951 |Acc|CD468892|Ver|CD468892.1 GI:31390160|LeukoS3\_8\_E09.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_E09\_A025 3', mRNA sequence.:Start:1:Stop:728

AGGCGGTTATGATGGGCAGTCTTATTTACAGTCTGTAGAGAAGTATATTTCCCAAAGTGAGGAAGTGGCAC  
 CCTGTGGCACCGATGACAACAACAGGAGTTGTTTGGCTGCAGCTGTGTTGGATGGAATGATTTATGCCA  
 TTGGTGGGTATGGTCCCGCCACATGAACAGTGTGGAGCGTTATGATCCCAGTAAGGACTCCTGGGAGAT  
 GGTTCGCTCAATGGCAGATAAAAGGATTCACTTTGGTGTGGGTGTCATGCTAGGCTTTATTTTGTGGTG  
 GGTGGACACAATGGCGTCTCACATTTGTCAAGCATTGAAAGATACGACCCTCATCAAAATCAGTGGACTG  
 TGTGTAGACCGATGAAAGAACCCAGGACAGGCGTCGGTGTGCTGAGTAATTGATAATTACCTTTATGTAGT  
 TGTGGTCACTCAGGGTCTTCTCTATCTGAATACTGTGCAGAAATATGACCCTATCTCAGACACGTGGCTG  
 GATTGAGCTGGCATGATATACTGTGCTGCACTTTGGATTAACTGCACCTTTGGCCACTGTGGACTGTGG  
 AAACAGTGGGTGACGGACCTTGTGCCACGTGGAAGGATGCCCAATTTTCTGAAACCCAAAGGCTGCATTG  
 CTTTGTCTTTAACTTGAATAGCATGAAGACTCCAGTTTTGTTGGGTACTTTGAACTGACAAGTAAGT  
 GTTGTCTTTGATTACACAGTGAATCAAT

>GBEQ0952 |Acc|CD468885|Ver|CD468885.1 GI:31390153|LeukoS3\_8\_B02.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_B02\_A025 3', mRNA sequence.:Start:1:Stop:656

AAAATATGACTGAAAGGAATAAATGATGATATCTGCAGCCTGAATAGAAAATGGCTTTTGTTCCTAATGT  
 TACTATTTTTATTCTCAAGCACATTTTCAGTGTGTTGCTCAGAGTGGCAGATTACATAAATAATGCTAGAT  
 GTTCTCATCTGTAGAGTTTGTGCAGTATAAGCAGTTGAGACAGAAGCTTCCTCCTACCTAACACTCTTCC  
 CACTCGTCTCAGACTGACCCCAAGACAGGGATTAGCAGTCAGCGTGACCGGAGGGCTCCAGGGAAGCCA  
 GGGTGGCAGCCTGTCTCAGGCACCAGTAGCCTGCTTCCTCGGAAGAGCTCCTTGAGAGTGTAGCTTTTT  
 GTTAGCTAAGTTTCTCCGGGGCGCCCCGTTTCTAAGGCCAGGTAGACAAAGTAGATGTCACAACAAAAC  
 AGTTTTAGAGTGCTTTGCTTAGAGCACTTTGTTTCATGATCGCAGTGTTTACACTTCTCATTTAATAAAAG  
 GCTTCACTTCATGCTATTAACTGTAGTGTGTAGAGAGGTGATTCTGTCTCTATATATATCATTTTATA  
 TGTTATACTATTATGCTTATGTACTTGCAATATCAGACCTTGTGTCAAACACAATGCAAGAGACCTT  
 TTCCAGACCTGTATTTTTCAATGAAC

>GBEQ0953 |Acc|CD468879|Ver|CD468879.1 GI:31390147|LeukoS3\_8\_G04.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G04\_A025 3', mRNA sequence.:Start:1:Stop:720

TGAAATTTTATCTATTATATATTAACGTTCTTGCTGCTGCGCTGCAAAGCCATAGCAGATTCGAGGCG  
 CTGTGGGGGCCGAATCATCTCCAGTTGAGAGATGCGCTTTGGTTGAATTAAACGCCCTAACCTGAGAC  
 TGAAGTGGGAGGGAGAGCCGTTGCCTCCGCTGCCACACCACTCCCGAAGCCCTCGCTTTTGAAG  
 CAGATCGTTTTCATGCGATGTTGGNCGCTGCGGTATCTGCTCCCGGGCCAGCAGGGACCTCTGAAGCC  
 TTCTTCGTGGCCTGGCTTTTTTCTTTTCATCCTGTGGTTTTTCTAATGGATATTACAGGACTTTTGTAAAT  
 CTCATAGCTATCCAAGCTCCACTTCCTAAATTTTAAAGAACTTTAATCGAAAGTTTAAATTGAAGGTGCTG  
 TTTGTAGACACTTAACACCCAGTGAAGCCAGCCATCATGACAAATCCTTGAGTGTGTCTTAAGAAAA  
 TGATGCTGGTTCATCGCAGCTCTCAGCATCTCGGTTTTTTGGCGCTCCGCTCCCTCTGCTGATCTCCGAGT  
 CTCCTGGCTTTTCCCTCCCTCTCGCCCTTGCCTGTGTAGTGTGTTGAGAGGAGTTAGTGCT  
 GCCTGCCACCCCTACCCCTCCCTCCGCACTACATATGAGTTTCAAGTTTTATTATTGCAATAAAAGTG  
 CTTTATGCTGGCTTTCTCAA

>GBEQ0954 |Acc|CD468877|Ver|CD468877.1 GI:31390145|LeukoS3\_8\_D12.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_D12\_A025 3', mRNA

sequence.:Start:1:Stop:768

CAGCAGATGAAAATAATGCTTTTCTTTACAACCTTTAGGTCTCTCAAGGGAAATCTGCCCTCCGACAACCA  
GGACTTGGGTCAAGATGGATCAGAGGAGAATTTTATTATGTAAAAGAGAGGGTCTCCTCCCTTGATGCTG  
GGCAATGCATTAGTATATTTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAAAAAGTTTTATAGAA  
ATTTTAAACTTTTGAAGAAAGTTTAAAGTTTATCACCTTTTTTCTCATGAATTTCTTAAAGTCTACT  
TTATCTACCTATTGTCTGGAAAATACCTGCATTTCTTTGTATCACATTCAACCAACATCACTATGAT  
TTAAGTACTCCTCATGTCTATTAAATGCTTTAAAGAATAAATTATACTGTTTGTAAAAAATTCAGTT  
TGAGAGAAAATTGACAGGCAGGGGTTGATACCAAAGTCTTCAGGAACCTGACTGTTGTGAATTATAGAT  
'ATACCCCTTTGTTATGACAAAACCCGGGTGAAACACACAGTGAGTTCAGAGTGGGTATTTGACATGTTTT  
GCTGTGTGAAGTGGCTGCTCTAATGTTACCATTTGATGTGTTTGCAGAGCTAGTAGACACCGTGTGTTTA  
GAAGTGTGATTGCTGTTATTAGAACTTAAGACCCAAATGAAAGCACATTTGTGCTCTCAGGACTTCACAC  
CACTTTACCTTTTTTCTGTATATCTGTGTATTTTCAAATGTTACTCTATTAAAGCAGAAGTATAATC

>GBEQ0955 |Acc|CD468869|Ver|CD468869.1 GI:31390137|LeukoS3\_8\_A12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_A12\_A025 3', mRNA  
sequence.:Start:1:Stop:739

TATACAGTCTGTATATAATATAATTTACATTCAAGTTTAAATTGTGCAATTTTTAAACCCCTGTTGACTGG  
TGTTTTTGTTTTTTGGTTTTTGTTTTTGACTAATAGTGAAAAAATTTGATCAGGATTTGAGGCCAGTTTCTT  
AACTCAATTTGCTAGCCAGGAAATGATCTTTTATAAAAAAAATATGTTTGAAGAGACTGGCAGCTATTAATA  
TGCAAACTGGACCATACTTCCCTTATTTAAGCAAAATGTGTTTCTGGAACAAGTGTGGGTGAACGCCA  
CTACCAAGTTCCGGCTTTGTCTCTGCTTGCCTTCAGATCATGTGAGTTTAAAGTATGCCTCTTCTCTCAG  
CATCCCATAAATCATGGCCTCTTGGATTCTTCTGTTGGTCAACCCAGGGTCCAGAGCAAGGAGTCTTGCTCTA  
CACAAATGTATCTGTAAAGTACCAGAGCCTGTTTGGCGTGAGCATACGACTTTTGTTCATAATATATGGC  
CCTGTTTGGAGAACTACTCCAATCAGAAAGGATGTGGAACTATGATGTAGTTTAAACTCTGGGCAGC  
TTCCGAATGAAATGCTGTTTTCTGTAGAAACACAGTAGCTGCCTCAGACATTATGAGGTATATAAGTAGT  
ATTTAATATGCCCTATAAATGTCTTCAGTGTCTTTCAGGGTAATTGGGATCTCAGAAGATTTGGTTCCGA  
TCCAAACACATACACATTTCTGTATTTTAGCTCAGGTTTT

>GBEQ0956 |Acc|CD468813|Ver|CD468813.1 GI:31390081|LeukoS3\_7\_B09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_B09\_A025 3', mRNA  
sequence.:Start:1:Stop:676

ATTTTTGTGTTGTTTTTGCACAGACTCCGGAAGTGAAGGCTGCCAATCCGAGTAGTACTCAAATGTGA  
GGAACGCTGGTCTTGGATTTTTTTTCCATTAAATTCAGCTGATCATATTGATCAGTAGATAAACGTAAA  
TAGCTTCAAATTTTAAAGTCAGATTGCAGTGTTTTTTCACTGTATCAAACAATGTGAGTGTCTTATTTA  
ATAATTCTCCTCTGTATCATGGCATTGTCTACTTGTCTTATATATTACATTGTCAATTATGCATTTGTAA  
TTTTTACATGATAATGCAATTTTGGCAGTTTATTATATAGGCTATGGACCTCATGTGCATATAGAAAG  
ACAGAAATCTAGCTCTACCACAAGTTGCACAAATGTTATCTAAGCATTAAGTAATTGTAGAACATAGGAC  
TGCTAATCTCAGTTCGCTCTGTGATGTCAAGTGCAGAATGTACAATTAAGTGGTGATTTCTCATACTTT  
TGATACTACTTGTACCTGTATGTCTTTTAGAAAGACATTGGTGGAGTCTGTATCCCTTTTGTATTTTTAA  
TACAATAATTGTACATATTGGTTATATTTTTTGTGAAAATGGTAGAAATGTACTATGTTTATGCTTCTAC  
ATCCAGTTTGTACAAGCTGGAAAATAAATAAATATAACATAAAGCC

>GBEQ0957 |Acc|CD468811|Ver|CD468811.1 GI:31390079|LeukoS3\_7\_G04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G04\_A025 3', mRNA  
sequence.:Start:1:Stop:496

GGAAAGTTCTCTTGAATCAAGAAGACCCGTATAATTCTTGTCTCTTTAGACATTCAAATCAGACT  
GGCAACTATTTGGTAGCAAGAGCCATAGGCAGCCTTAGCACATGGGCACCCCTTCTAATTTTGAGTTATTT  
CTAGACTTTTTTGGTATGATTCAAATAAGGATGGTACCCAACAAACATGACAGTGTCTTGGGTACAGAT  
TAATTTTATTAAATAAGTGTCTTGTATTAGATAAGTTTCACTGATATTTATGTAATGAGAAACAAATAGC  
ATCTTCTTCTGCTTTGCTTACATGAATATTTTCTGTGGGACTGACTCTCAAGTTTGTGTGTGCCATGTAC  
CGTGGAGTTGGTTCTCCATGAGTATTTAGAGTCTGGAGGAAAAATTTGTTTATGTAACCTTAAATTGG  
AACTATTTGTTGTGTTTCTTCAAGCCAAATATATGACCCAAAAATCAATAAAGAGGCCAAAAATTTTAG  
CTATTT

>GBEQ0958 |Acc|CD468805|Ver|CD468805.1 GI:31390073|LeukoS3\_7\_G10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G10\_A025 3', mRNA  
sequence.:Start:1:Stop:664

GGAACAGGCTACCGGCACCAAGGACAGCAAGCCAAATGGGCGGGTCTGGGGCCGCCAGCCGGAAGGCGTTA  
GAGACCCCTGCGGCGGGTCTGGGGACGGAGTGCAGCGCAATCACGAGACGGCCTTCCAAGGCATGCTTCGGA  
AACTGGACATCAAAAATGAGACGATGTCAAATCTTGTCTCGAGTGTGGCCACGTTTTTCACTGACGG  
AGTGACAAACTGGGGCAGGATTGTGACTCTTATTTCTTTTGGTGCCTTTGTGGCCAAGCACTTGAAGAGT

ATAAACCAAGAAAGCTGCATCGAACCATTAGCAGAAAGCATCACAGATGTCTCGTAAGGACAAAACGAG  
ACTGGCTAGTCAAACAAAGAGGCTGGGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACCTAGAAGGTGG  
CATCAGAAATGTGCTGCTGGCTTTTGCAGGTGTTGCTGGAGTAGGCGCTGGTTTGGCATATCTAATAAGA  
TAGCCTTTAAGTGAATAATTGACTCTTAACCAACTCCAGCCACCCAAAACCAAGACATCTGCTGTGAAA  
TCAATGTATTTATGAAGTTGGACTTCAGGATGTCCAGGCTGTAACCTCCAAGCAACATAGAAAAGCAAG  
TGGCAGGAGGACTATGGCTAACAGGAATAAATAA  
>GBEQ0959 |Acc|CD468802|Ver|CD468802.1 GI:31390070|LeukoS3\_7\_D04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_D04\_A025 3', mRNA  
sequence.:Start:1:Stop:638  
CACGCCAGATCCTCTGATCCTGCCCCCTAGCCTGCCCCCTGCCCTACCATGGATGGTTAATATATATATAT  
ATTTTAGCAGTGACATTCCCTGAGAGCCCCCTGAGCTCTCAAGCTCCCCCTGCCAGGGTGGGGGCCCTGGC  
CTGGCCTGTCTTCTCTGGGGGTGCCGATGGCGGCCCTCTCCCAATGCTTACTAATACATTCCCTTTCTCC  
AAACCTACCAAACTGGACAAATGGCCTCTTCTTTTCCGCTGGGACCAAAATTTGGGGGCCCTCACCATCC  
CCACCATACCTTCTCTTTTCCCTCTGGCCCTTCTTCCCTCTGAGCTCTGTGCCCTCAATCCATTCCCTTG  
GCTGGAGGTGGGGACACTGCCCTTCTAGCCTTCCCTCCACAAATATGCCTCGCCACAGCTGTGGCTGCA  
GGACGTAATTTATAGGGAGGGGCTGTGGTGGCTGCCACTCCAGCCACAGCTGGACTACGCTCGCCACA  
CATCTGCGGCCGCTGCCCTGGCAGAGGCCCTCTTGGCTTCTCATTTTCCATTCCCTCGCTGTGGCTAT  
GGAGTGGGGGTGAGGGGACGGGGGAGGGAGGGCTGCCACTGTGGGCTGGGGCTTGAAGAATCTGAGTTT  
GCTGATTT  
>GBEQ0960 |Acc|CD468801|Ver|CD468801.1 GI:31390069|LeukoS3\_7\_A12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A12\_A025 3', mRNA  
sequence.:Start:1:Stop:713  
AGAGAGGATTCAGCTTCAGGAATACGCCTCAACACTTTTGTCTCAACGGTTATGAGACTGTAGAAGATTTA  
AAGGATATAACAGAGAGCATCTCATTTGAGTTAAACATTAAAAACCCAGAAGACAGGATGAGGTTACTAT  
CAGCTGCTGAAAATCTCCTTGATGAAGAACTATTTCAGGAAGAAGAAGATGAATCTGTGCCCTAACCTT  
AAGACCAGACATCTCCTTAAATAAGTCACAGTTAGATGACTGCCAAGGGACTCTGGTTGCTATATCTCT  
TCAGAAAATTCAGATAATGGCAAAGAAGATCCGGAGTCTGAAAATCTGTCTGACATGGTACAGAAGATTA  
CTATACAGAGCCGAGTGACTGAACACACGTTCTCAACTCTATATTTGCAGAAGCATTCATTGGAATC  
TTCTTGAGCTAAAAGATGAAATAGGAGAAGAAAAGTATTTGTAGATACAACCTAAAGTTAAAATGTCTCA  
ATCTGAATGTACATAAAAGTTTCATATCTCTAGCATTCTCAGTTATTGTAAATAATATGCATATTTATTAC  
TTTAAATGCTACATGTTAATATAGCACTTGCCCTGTATTAGAAAAAGTATATATAAGTCTTTGTTATGTCA  
CATAAGCTTTTATTTTCTTTTACAAGTGCAAAATGATAAATTCGCGAGAAAAAACCCTAC  
TTTTTCTATAAAA  
>GBEQ0961 |Acc|CD468799|Ver|CD468799.1 GI:31390067|LeukoS3\_7\_C09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_C09\_A025 3', mRNA  
sequence.:Start:1:Stop:710  
CAGCCCCATGGTTAAGAAAATGATCGATAGGATGCTAAACAAAGGCAGCACCACTGACCTTGAGAGAA  
GAAAGAAGCTCTTTGGTGGCGATTCTGAAAAGTGGTCCCTGCCCTTATTGGCACTGAAAACGAAGAAGA  
GAACAATTGTCTTATGGCAACACTTAGAAAGGGTTTAGTGTGTTGACTATTTTGTGTGAGAATTCTATT  
TATATATGTATGTATGTATTTATTTTCAAAGCTTGATTTTAAATATTTTATATGTAGTATTTAAAAAT  
GAGAATATGTTTAAATCAAATATAATCAGTCTGATTGCTATTTAATTTGAAGATGATGGGTTTTAAGTGT  
CTCATTAACCTGATACATATCAGGAGAGCACTGAGTGCCAGGCACTGTGATGGAGGTGGGGGGTGTGGGT  
TGGGAGAGGGGGCTCCAAGCAATTAGACAGCAAGATCACTATTAGAGTCAGACAAAGTGTGTGCACATCT  
TTTTTTGTATTTGTTTAAAAGCAGGTGAGTTGCTATTTTATTGAATTTATTTACATTATGTGGTCAACAT  
TTTTATGTTGAAGCTTCCCTTAGACATTTTATGTCTTGCTTGTAGGGCATAATGCCTGGTTTGATATTCA  
TTATGCAATGTTTCTCTATCTTGGAACAGAGAAGTTAAAAGTGTGTTATATTTTACAAGTGACATGAA  
AATAAAAGTT  
>GBEQ0962 |Acc|CD468794|Ver|CD468794.1 GI:31390062|LeukoS3\_7\_A04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A04\_A025 3', mRNA  
sequence.:Start:1:Stop:200  
GTCCGTTGGAGATGGTAATTTTGGATGCAGTTTCCCGTCAGATTTTTCCTTGAACATTTTGTGTTAAAC  
AAGTAGGGGGGGGATTTTAAATGTATATGAAAAAAGTTCATTTTGGGAGTCATTTAAATGGGTCCAATG  
TCCCCCTGGTATTTAGAGTTTCTGTTTGTATTCTTTTTTAAAAAAGTCCCTTTGTTTT  
>GBEQ0963 |Acc|CD468789|Ver|CD468789.1 GI:31390057|LeukoS3\_7\_E04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E04\_A025 3', mRNA  
sequence.:Start:1:Stop:680  
AATGGTTTCTATCCAGGCCACATTGAAGTCAGATGGTTCCGGAATGGGCAGGAAGAGGAGGCTGGGGTGC



TCTCCACAGGCTGATCCGTAATGGAGACTGGACCTTCCAGACCATGGTGATGCTTGAGACAGTTCTCTCA  
GAGTGGAGAGGTCTACACCTGCCAAGTGGAGCACCCAAGTCCGACGAGTCCATCACAGTGGAAATGGAGG  
GCCCAGTCTGAGTCTGCACAGAGCAAGATGCTGAGTGGAGTCGGGGGCTTCGTGCTGGGGCTGCTCTTCC  
TTGGGGCGGGGCTGTTTCATCCACCGCAGGAACCAGAAAGGACACACAGGACTTCAGCCAACAGGGCTCCT  
GAGCTGAAGTGTAGATGATGACACTCAAAGAAGAACCTTCTGTCCCAGCTTCCCAGCATGAAAACGTTTC  
CTGCTTGGCCCTTATTCTTTGACCAAGAGCGTACTTTCTCAGGATTTGATTTGGTCTCGTTTCACTGACC  
CTGCAAAAATGTCATCCCTATGGCCTCCTCAGCCCTGCCCTTGGCCTGGAAGTCCCCAGTATTGATTG  
TGGTACCGTGTCTACATTCTTTCTCCCTCCCATTTGTATTCAACCCTTATGGCCTCCTATGCACCTGAAC  
TCACCTCTGCCACATTTCTTTATAAAGTTTTCTCAAATAAACATGGAG  
>GBEQ0964 |Acc|CD468787|Ver|CD468787.1 GI:31390055|LeukoS3\_7\_A10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A10\_A025 3', mRNA  
sequence.:Start:1:Stop:776  
ATTAAGAAAATTTGGTTACAACCCAGACACAGTTGCATTTGTGCCAATTTCTGGTTGGAATGGTGACAACA  
TGCTGGAGCCAAGTCTAATATGCCTTGGTTCAAGGGATGGAAGTCAACCGTAAAGATGGCAATGCCAG  
TGGAACTACGCTGCTTGAAGCTCTGGATTGCATCCTGCCACCACTCGTCCAACGTATAAGCCCTTGCGT  
CTGCCCTCCAGGACGTCTACAAAATTTGGTGGTATTGGTACTGTCCCTGTGGGCCGAGTGGAGACTGGTG  
TTTTGAAACCTGGCATGGTGGTTACCTTTGCTCCAGTCAATGTTACAACGTAAAGTAAAGTCTGTTGAGAG  
CTTTTCTGACTATCCTCTCTGGGCCGTTTGTCTGTTCTGTGACATGAGACAGACGGTTGCTGTGGGTGTC  
ATCAAAGCGGTGGACAAGAAAGCAGCTGGAGCTGGCAAGGTACCAAGTCTGCCAGAAAGGCTCAGAAGG  
CTAAATGAATAGTATCCCCAATACCTGCCACCCAGTCTTAATCAGTGGTGGAAACGGTCTCAGAACTTTT  
TGTCTTAATTGGCCATTTAAGTTTAAATAGTAAAGACAGGTTAATGATAACAATGCATCGTAAACCTTC  
AGAAGGAAAGGAGAATGTTTTGTGGACCATTTGGTTTTTGTGTGGCAGTTTTAAGTTATTAGTTTTTAA  
AATCAGTACTTTTTAATGGAAACAACCTTGACCAAAAATCTGTACAGAATTTTGAGACCATTTAAACAA  
AGTTTA  
>GBEQ0965 |Acc|CD468786|Ver|CD468786.1 GI:31390054|LeukoS3\_7\_D09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_D09\_A025 3', mRNA  
sequence.:Start:1:Stop:661  
ATTAACAAAGCTCTCTATACATAAATGCCAGCACAGTTAATTGTTACAAAAACAAACCACCAAAACCTCA  
AACTACTGTATTTCACTGTCTGTACTGAAAGCATAAGCATTGTGACCATTAAATGTTGCACATCATTCAT  
TCGCTGTATAGTGATCATTGACTAAAGGGATTTGTCTGTTTTCTTCTGTGGTTGTATATATCAGGTA  
GTTTTCTCCAAAGAGCCATGTGTATATCATATATGAACCACTTTGATACTGAGATATTAATTTGTACCCCT  
TGTTACTATTTACTAGTAAATATATAGTACCATAAATGTTGCTAATTCAAAATGTTGCATCCTTTTT  
TATAGACTGTTTATATTTCCATAAGGGTTAAGTATCTATTTTCCCTTCTGTACCTAGGATGAAGCTA  
TGTTTTTGTGCTTTTTTCTTATCATGGCCCTTCATTCCAAGCACTTTATGCTGTCTGTAATGGGATCTAT  
TTTTGCACTGGAATATCTGAGAATTGCAAAACTAGACAAAAGTTTCACAATAGATTTCTAAGTTAAATCA  
TTTTCATGAAAAGGAAAAAAGAAAAAATTTGTATTGTCAATAACTTTATATGAAGTATTAAAGGCATA  
TTTCCATGTTGTAATAGGTCACGAAATAAG  
>GBEQ0966 |Acc|CD468779|Ver|CD468779.1 GI:31390047|LeukoS3\_7\_G06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_G06\_A025 3', mRNA  
sequence.:Start:1:Stop:685  
CAGGCATCCAGTGGGACCTGCGGAAGACCCAGCCCTATGATGTTTATGACCAGGTGGAGTTTGACGTCCC  
TATTGGCTCTCGAGGGGACTGCTATGATAGGTACCTTTGTGCGGTGGAGGAGATGCGCCAGTCTGTTCTGA  
ATCATCTCACAGTGTCTAAACAGGATGCCTCCTGGGGAGATCAAAGTTGATGATGCCAAAGTGTCTCCAC  
CGAAGCGAGCAGAGATGAAGACTTCTATGGAGTCACTGATTCATCACTTTAAGTTGTATACTGAGGGCTA  
CCAAGTTCCCTCCGGGGGCCACATACACTGCCATTGAGGCTCCTAAGGGAGAGTTTGGGGTGTACCTGGTG  
TCTGATGGCAGCAGCCGCCCTTATCGATGCAAGATCAAGGCTCCTGGTTTTGCCACCTGGCCGGTTTGG  
ACAAGATGTTTAAAGGGACACATGTTGGCAGATGTCGTTGCCATCATAGGTACTCAAGATATTGTGTTGG  
AGAAGTAGATCGGTGAGCAGGGGAAAGCACTTTGCTTCCCTGTGAGCTTCTGTGGGGCTGTC  
CATCATTTGGAATGGAAGTGTGTGTGGGTGTGTACACGTAGGGTACAGGAGCACTGAGCTGTGAGGCTTT  
CTGTGCATGTATTAGAAAAGGAGAAATTATAATAAATTAGCCGCTTCTGGCCCC  
>GBEQ0967 |Acc|CD468772|Ver|CD468772.1 GI:31390040|LeukoS3\_7\_F03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:717  
TGATAAACGGAAGGTGCCCTTGACTGAAAAAGTCGTGGCAAACCCAGAGCAGGTAGACAAGATGAAGGCT  
ATTGTTTCAGAGCTCCGCTTCAAATACAGAAGTGACAGCTTTGAGAACCCGGTGTGTCAGCAGCACTTCA  
AGAACCTGGAGGCCCTGGCTTTGGATTGTATGGAGCCGAAACAGCAGTCGACCTGACCTGCCCAAGGT  
GGAGGCGATGGATAAAAGACTGGGCTTCCTTGTGGATGAGTTCAAGGAACCTGTCTACCCCCAGATTAC

AGCCCGAAGGCAGAAGTTCCCGTGAGGAAACAAGATTCTGGAAACAAAAGGCCCAAGGTGGAGGTATCTG  
AAGAGGAGCTGAAGGCCCATATCAGCAAGGGCACACTGGGTAAGTTCACTGTGCCCATGCTGAAGGAAGC  
CTGCAGGGAGTACGGGATGAAGGTTGGGCTGAAGAAGCAGGAGCTGCTGGATACACTCACCAAGCACTTC  
CAGAAGGACTGACCAGAGACCATGCAGCCAGCCACCCTTCCGCACTATAGCCAGGCTGCCTGGTTTTCTT  
CTCATCAAGTTAAAAAATGTTTTTCTGAGCCAGGAAGAGTCCGCCTGACAAAAGCCTAGGACTTTATGG  
TTCTGAGACTTTCTGTTGCCATGGAGACAGTGTAGCCCTCCCACTTTGCTGTGCCTTACTCTGCTGTTGG  
AATAAAGAGCCCTAACT

>GBEQ0968 |Acc|CD468710|Ver|CD468710.1 GI:31389978|LeukoS3\_5\_H06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H06\_A025 3', mRNA  
sequence.:Start:1:Stop:614

TTTGATAGATTTTCACTGACCACGGAGGGAGGAGCCACCTTGCCACAACACCAAGATGAGGGACACCAAG  
GAACTTCTCTCTGGGTCTGTGACCCCTGGCTTCTCAGGGAACCTACAGGTGCTATGGTTGGTATAGTGA  
CAACCCCTTACGTGTGGTCAGCCCCAGTGACACCCTGAAGCTTGTGGTCAAAGATACCATGAACCAAGAC  
TACAAGTTGGAGAATTTGATCCGAGTGGGTGTGGCAGGGCTGGTCTTGTGGCTCTCTTGGCCATACTGG  
CTGAAAATTGGCCACAGCTATAAGGTTCTCACAAGGAAGACAGGCAAGACTTGCCTGAATGGAGCTATGA  
TAAACAGAAAATGTAAGACAGACCCTCTGGACCAACCAAAAAACAGCCTCTGCACCAACCCCCAACAGCCA  
GCAGGTAGACACCTGGTGCTAAAGGCAGATGAGTAGGATTTTGTGGTGTCTGGAAAAGCTACTTGGAGAA  
CAGAAGGAAGAAAGTGGCACTAACAGCTTGGATCCATTCTCAAGCCAATCAAATAGCATTTTCTTATAG  
GGATCTGGGATATTTGCAACCCACCTTCTGGACACTGATAATAAAATTTCTAC

>GBEQ0969 |Acc|CD468706|Ver|CD468706.1 GI:31389974|LeukoS3\_5\_F01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_F01\_A025 3', mRNA  
sequence.:Start:1:Stop:433

AGGGAAACTATACCTGTGAAATCCGCTTTGAAATGGAGAGCCAGGTGTTCAAAGAACAGTGGCGCTGCA  
TGTTTTGCCAGAGGAGCCCAACGAGCTCGTGGTCCATGTGGGTGATTTCGATTGAGATGGGATGTGTTTTTC  
CAGAGCAGAGAAAAGAAACGCATGACCAAGGTAGACTGGATGTCTCGTCGGAAGGGCACGCCAAGGAGG  
AGATTGTGTCTACGTATACCCCCAACTCAACCTACCTGTGCGGTACCCCCAGAACTGGAGCCGCTTCCA  
GAACCGTGTAAACCTGGAGTGGGACCTTGGCCCTAGGGACCTTGGCTGAGCTGCTGCAGTGGCAAACACT  
CCATCGGATCAGAACCTCCAATTGCATGGTATTCTTTATGGACGAGTTACTGAGAAGAATTGCAGAAATA  
AAAACCAACCCAA

>GBEQ0970 |Acc|CD468704|Ver|CD468704.1 GI:31389972|LeukoS3\_5\_D04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D04\_A025 3', mRNA  
sequence.:Start:1:Stop:713

TCCGTGACAGATTTCTATCCAAGCCAGATCAAAGTTTCGGTGTTCGGGAATGGCCAGGAGGAGACAGCTGG  
CGTTGTGTCCACCCCCCTTATTAGGAACGGGGAGCTGGACCTTCCAGATCCTCGTGATGCTGGAAATGACT  
CCCCAGCGTGGAGATGTCTACACCTGCCAGCTGGAGACCCCCAGCCTCCAGAGCCCCATCAGCTGGAGT  
GGCAGGCGCAGTCTGAATCTGCCAGAGCAAGATGCTGAGTGGCGTCGGGGGCTTTGTGCTGGGGCTGAT  
CTTCTTGGTCTGGGCCTTATCATCCATCAGGAGCAAGAAGGGACCTCGTGGGCCTTCGCCAGCAGGG  
CTCCTGGACTGACACCTGAGGTTACTTTGACAGGGATTGGTTTTTGTCTCTTCTGTAATGCCTGCCTGTCC  
TTGCTCAGAATTTCCAGCTGCCTGTGTGTCAGCCTGTCCCCCTCTGAGATCAGAGTCTTACAGTGACTCTGA  
TGCATTCTTCAGGTACCTCCTGTGACCTCTGCCCTGAGGATCTGACTGCAACACTACTTCCTGCAGTGA  
GCCAGAGCTCTGCCTGTGCAGTTGCTTCCAGCAGCGTCTACTTGGTTCCCAAGGGTTCTTCTGATCCA  
TTCTTCTCTCAGAAATGTTCAAGAGAAGCACATTGAAGCCATTACCTGACTATAGAGCTTTTATCATA  
ATTAAACATGATT

>GBEQ0971 |Acc|CD468703|Ver|CD468703.1 GI:31389971|LeukoS3\_5\_A05.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_A05\_A025 3', mRNA  
sequence.:Start:1:Stop:234

TCCCCCTCCTCCTTCACGTAAATGAAACCACTCAAGTGGTAGTGACTTGTGCAAACCTTAACTACATTTAA  
AGGAGCGCTGTCTTTCCCTTTTTTTTTTCTCTCCTTTCTTTCTTTTTTATTTTTATTTTTTCCCC  
AAACCATTGTGATTTGTCTTTCATGCAGGTAGTTAGAACTCACTGCCAGGTTTCTTCTGCCACCAAAA  
TGATCCAGTCTGTAATAACAGATT

>GBEQ0972 |Acc|CD468698|Ver|CD468698.1 GI:31389966|LeukoS3\_5\_A04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_A04\_A025 3', mRNA  
sequence.:Start:1:Stop:340

ATCCCTTTACATTTTGTGTCCTCAAGTATTATGACAGTGCCCATGTAGCACAGCCACAAGTTTGGTTT  
ATGTGGGCCTAAAATTTAAACCATCTCCGACTTTGAGAGTCATTTTGGAGGAAGCCTGTGTGCAGTGT  
TTTAAACCTAATAACAACGTATGAGAGCACAGGGGAAGAAACCTATCATAAAGCAGGTAAACGTAGAAGCTT  
CTTTTGTATCCAGGTGCGGCTTCTTCAACGGACCAAGCTGCGCTGCAGTATTGACTTGAGAGAGCCTCC



ACCGTGTCTGTCTCAGAATGGCTCCACATGATTTCTGTACTGCAGAATAAAGCCAAACTC  
>GBEQ0973 |Acc|CD468695|Ver|CD468695.1 GI:31389963|LeukoS3\_5\_D02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D02\_A025 3', mRNA  
sequence.:Start:1:Stop:615  
ATCCCCAAAACCTGTGAGCTTCATGGTGAAGGAAACTGTGTGCCCCAGGATAATGAAGCAGACACCAGA  
GCAGTGTGACTTCAAGGAGAATGGGCTGGTGAACAGTGTGTGGGACAGTCATCCTGGGCCCAGTCAAG  
GACCACTTCGACGTACAGCTGTGGAGAGGGATTCTAATTCGGCTGAAGTTTGAAGCCACCGACGTAGAGT  
AATGAGCTTTGAGCCCATGCTCCTGTCTGGCTTTGCTGGATGGGCTGTGTGACCCTACGAAGCCCTTG  
TCATCTCCAGGCTTCAGTTTCTCACCTGTTGTACGTATAGGACATCAACTACATGCCCCAAGGTCACA  
GACAGGGGTGATTTGGGCCCCAGCTCTCCTGGGCGTCCCTGGAAAGGAGCGTCTAGGTGCGGAGGGGTC  
TTGTCTTGACCTGAGTCCAGCCACCACAAGGAGCTCGTTTCTCCTGGTTCGACGCCCCAGCGTGTCAAG  
AGATTTGGCCGGTTGGCTAAGAGTTTTTTGAGAATGCGGATTCTTCTCCTCGACGTAAGATCCTTCTAG  
CCTCTAGGGTCTGCTTTGCCAAGCTCAGGTGTCTGGACTCTGAAAAATAAATTC  
>GBEQ0974 |Acc|CD468694|Ver|CD468694.1 GI:31389962|LeukoS3\_5\_E04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_E04\_A025 3', mRNA  
sequence.:Start:1:Stop:620  
TCAACAGGCCCTGGAAGAGTTTGGAGAACCCTGGGACCTCAACCCTGGAGATGGTGCCTTTTATGGGCCT  
AAGGCGGGGGCCCTGGAGCATCCAGTCCCTCATTACCGAGCAGTGTAGGTTCTGTGGAAGAATGTTGG  
GAATGCTGGCAGAAAGCTGTGGGGGAAAATGGCCACTGTGGCTGTCCCATTCAGGTGGTGGTCTCC  
TGTGGGACTGAGCAAGAGGGATATGCCAGGGAGGCACAGCGGAGCCTGCAGGCTGCAGGACTGGTTTGC  
GACCTCGATGCTGACTCCGGACTGACCTTAGCCGAGAGTCCGCAGGGCTCAGCTCGCCCACTACAAC  
TTCAGTTTGTGGTTGGTTCAGAAAGAGCAGAGTAAGAGAACAGTGAACATTGGACTCGAGATAATCGTCG  
ACTTGGGGGAATGGGATTTGCTGAAGCTGTGCAGCGCTGTGGAGCTACAGAACACAGGGTGCCAAAT  
GCTGAAGTCCCCCGACCCCTCAGAACTTGTGTGGAGGCATGAATTTGCTGTCTGGAAGAGATTGGT  
TTGGGGGAAGCTGCAGCTGTTTGGATGTGAGGAGAGTGAATCTAAAAATAAATTTGAAGC  
>GBEQ0975 |Acc|CD468687|Ver|CD468687.1 GI:31389955|LeukoS3\_5\_G07.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_G07\_A025 3', mRNA  
sequence.:Start:1:Stop:657  
ACTTTCATCTAAGTCATTCCTTAGGCAAGGGACCTGGAGCTGGCCAGCAACTTCAGCAAGAGGAGTACC  
AACAGCAACAAGCACTCCAGCTGCGCCAGCGCGGGCCCCGTCGCCACAGGGGAGAGGAGCCAGTCCGG  
ACGCCCCAGCCGGGGAGCTCGGCAGAGACCGAAGCAAGAGTCTGACTGCGTCTCCTGTAGCCTGCTCGG  
TGCCACGCTGCCCAGCCCTTCTTTCAGAGGCGATGGTTATTTTGCTTGCTCCCCCAGCTCAACCCCTG  
AGATATGCAAGGTAACCTTATTTGTGGACTCTTGGGGATCCAAGCAGGCAGTAAATGCCGAGGTGAGCCTC  
AGTGACGTCCTTGCCCTCATGTGCTGCCCTCTTCTTCCCCCAATCATCCAGGGCAAAGCTGGGGTTG  
TGGGGGTGAGGATTTCTGATTTCCCACTCCCTCCCCCAGACTAGTCACACTAATATACAGACTCAGGCT  
CCAGGGGGCAGTCCCTGTCTAGAATGCATCTCCCCTACTTCCCACCCTTGCTGGCCAGATCCTCTGGC  
TATCCTGCAGGCCTGTCTCTGTTTCAGGGTTTGATTTGAGTTTCTATATCCATTATTTGTAATGCCTTCC  
TAGGGATTTGGAATAAAACTTCTTTC  
>GBEQ0976 |Acc|CD468686|Ver|CD468686.1 GI:31389954|LeukoS3\_5\_H09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:704  
TAGGCATTTCTTGAACACAGACCGAAGTATACTTTTATTTTCAGAGACTTAGGTTGTGTTCTGTGTTTCT  
GAAATCTCTATGTTTGCATATTTGAAAATAGTGGGATATTTTACATTTATTGGATTGTTGGAAATGTTTC  
CTTGGGGTCCCACCTCGGTGCCCAATGAGGAAAAGCTTGGTTAGGAGTGGTTTGTGCTGCCCTCCTCTAAA  
GGCAGTGGCCAGACGGGGGTGAGCAGGATGGGGGGACCGTTGTAAAGTTGGACCGAGGAGAAAAAGTTCC  
TGTCAGTTTCATCAACTCTTAGTTGTTAGAACAACCTTAAACCCCCATAATCTCAGAAAATCCTTTGAAG  
TTTTAATGGAACATTTTACACACTTCAAGTCTTGCAATGGTGCTTTAAGTATCAATGTAGCATGTGAAAG  
GCTTTGTACAGACAGGTGAAATTTCTTTCTGAGTGTGAAATGTGATAACAGCACCTCTTCATCTTTA  
ACTTGAAATCAAACTATCAGATTTTATTTTCTATAATTTAGGAAGGTGAAGTTAGCAGACTAGAGAC  
TTCCAAATGGCTTCTACAGATCCAGTAATTTAAACGCAACCAGTTTCATCGGGATTTTATAGCTAAAAT  
GTATTTGTGCTATAACTTAATACTGTAAATTTGTAATAATGTATTGCAATTATTAAATGTTTACAT  
GATA  
>GBEQ0977 |Acc|CD468682|Ver|CD468682.1 GI:31389950|LeukoS3\_5\_H08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H08\_A025 3', mRNA  
sequence.:Start:1:Stop:625  
TAATAGTATTTCTAGAAGACATTTCTTTTAAAGAAAGATTGTATGCCACTTTTGTTTAAGGACTGTGCTA  
TGATCGCTGCGTTTCATTTTGGTTTATCTTGGCATAGATCCTTCGTTTTTTTTTTCTTTTGCTTTAAAAAT

TTCTCTCTTTTCTTTCTTTGCTTTTTCTGATTAGGCTTGGGTGAGTATTTTTCGTTTAAAAAAGTAACAC  
TCCCGTCCACTCATAAGCTTGGTACAAAAACGCTCTTTGGCAGTTAGTTACTTTTGAAGCTTCACTCTGCT  
TTCTGTATAAAGGGCAGTCTGTGGTCACTCGAGACTTTTTTTTCACTTTTCCAGGCAGCTTCGTGTATGCG  
CAGGCAGTAGAAGTACAGAGGTCATGGGAAGGGCCCTGCACCTCTAAACTGAGGTGTCTGGTGTAGTTT  
GGTATTCAAAAGAGGATAAAAAATCTGGTAGATTAGTTCATTCTCAGCATGTGTAGCTAGACATGAGTAAA  
GATAACAGCATGAGAACTGTTAGTACGCATACCTCAGTTCAAACCTTTAGGGAATGATTAAAAATAAAA  
AAAAAATACATTTCACTCAGTTGCACCTAGTCGTATGTCTTGCATGCTTAGTCTAAAGACTGTAG  
>GBEQ0978 |Acc|CD468681|Ver|CD468681.1 GI:31389949|LeukoS3\_5\_B10.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_B10\_A025 3', mRNA  
sequence.:Start:1:Stop:677  
GGATTAAAGCCTCCTGGAGTTAAAAGTGGCATCTTCTGTGTATGGATGGAAGGAGACCTAGCTCCCCCAA  
CAGTGGGCATTTCTAGAGGTACACTATTGGGAAATGAATAATTTCCAAATTAGGAAGTGAACAAAACCTGA  
GGTCTCTTGAGGGAGCTTGGCTGGTGTGGGAACAGTGGTTTAGGGAGTAGAGACCTAATGACTTGAGAG  
AAGGGCTCTGGCATTCATGAATGTATCAGGTAATATATATGTGTGTGTGTATGTTTGCACATGTGTGC  
ATGGACTGTGAGTATCAGTGTGAGCCAATGTATTCCTGTGTCTGACTGCAAGTCTAGATATTTCCCTAAA  
CTATATGAACATGATGCCACATGAGCAAGTCTGTCTGGAGAGGTATGGGTCATTTCTGGGGCTTCTTG  
GGTCCCCTACCTGATGATGCCTATGAATGTGTCTATTCTGGGTTGTGGCCTGTGACCAGCAGTAGATGTCT  
CCATTTCACTTTACACAGATGTCCCTTTCTTGGCCAGTTATGCCCTCTGACCTTCTAGCGGAGTTCGTC  
CAGTCTCATCTGAATTTGGGTGAGGACCACTCCTGACATCAATATTTAATAATTATATTCTGCTGTTTT  
TATTATATCTATTTTGTAAATTTGAATAAGCAGCATCAATAAAAT  
>GBEQ0979 |Acc|CD468680|Ver|CD468680.1 GI:31389948|LeukoS3\_5\_C12.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_C12\_A025 3', mRNA  
sequence.:Start:1:Stop:325  
GGTGGCATTAAAGTGCCCGCAGCCTCACGCAAGTTAGGACAAGTGGATTACACTGTCTTATGATGATGA  
GCACCCACCCCGAGATATTACCTCATTATGCAAAAACAACATATCGTTCATGACTATTTTGACAAAAGC  
TTAAACACGCTCTGATGAAGTTCACTTCCAGGAACCAAGGACTGCCAGAAAATACCTAGCCTGTACATTA  
TGCATGCAATTTAGAGCTTACCTGAAATCTGCACTTTTAAAGGAATAGTATGGATAAGTTGAACTGTAC  
ATTTTTTAAACTTTGATTGCCATTAAAGCAGAAATTATAAGGTGCA  
>GBEQ0980 |Acc|CD468677|Ver|CD468677.1 GI:31389945|LeukoS3\_5\_D07.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D07\_A025 3', mRNA  
sequence.:Start:1:Stop:717  
ACATCCAGGGGGGATTTCTCCGGCATCTTAATTCACACTTTAATGGGGAGACTTAAGACGCATTTGAAA  
ACAGACACACCAAGTTCTGTGTGATGATTTGGGGTTTGAATACTATAAATACTTGATTGCAAACTTAGT  
TCAGGATCATTTATTAAGAATCTACTGTCAGACCTATTTTAATTTTTTCTAAACGTATACTGTAACCTTT  
TATTATCTTTTAAAGGATCATTTCTGTACAAAACCTGCAATTCATTGTATCCATGCTACAGTGTGTTACCAC  
CATATTTCAAATTTATATATGTGACTATTTGGAATATAGAATCATAAATTTATCTTTGTTGCTAAATATCT  
AAGCTTATTGCTTGGATTTCTAGTTAGATCTATTGAATTTGGTGATGTCAAATGTTTATAGAGTTTTTTC  
ACATAAAAATTTAGGTATTTATGCTATAGGTGATGTCTTTTTTGAATAAACCTCTAATAGAGAATAGCA  
GACAACAAAAAATCTAAGTAGATACCAAACATAAGACATTTGTTGCCAGTGATAAAATCACTGGTGA  
ATATTTAAACACTTTTAGATTTTTTAAATAATATACATGTTTTTAATTTTACTATGTGTATAGCTACAT  
GACAAAATGAGTTAAATATTA AAAAGTTACTTCTGTTGTGATTATTAATGTGGTCTTTGTCTCTGAGTAA  
AAAAATAAATCACATTT  
>GBEQ0981 |Acc|CD468672|Ver|CD468672.1 GI:31389940|LeukoS3\_5\_B02.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_B02\_A025 3', mRNA  
sequence.:Start:1:Stop:661  
ATTTTCAGAGGCCAGCTGTTTATTACATGATGTCAATTTAGTGATTGGTATGAGATGCAAGATGCTGGGAT  
TACTTCAGACACAATGATGAAGAACATTTTCTTTGTGCCCTTCTGCATTACAGCTGAGCCAGAAGACGAGC  
TTTTTCCATGAAGCTTAAACAGGCATTAATACGCTTTTATAGATCTGAAGTTGCAGGTTAAGCTTGTCTGGT  
CTACATTTCCAATGTGGAAGAAATCGAACAACTCTTATTCTGTTAATTTCTCTTGGAAACAAAACATATTAGT  
AATAGCTATTTGGGACCAGACGAAATCAGCTTTTATCTATAATTTACTGGGTGAAATTGGGAGATTTAGA  
TAATGTATCCAGATTTAAACTTACCAGTTTGTCTCTATCCCTTAAGCGTTTAAAAATAAAATATGCAACAA  
AATGGATGACTTGTAGTGAGATGGAAGCCCAATTAATGGGTCCCCATTAAACCGTTTACATACAGTACACA  
CAGTTTTTATACTAAGGATTCGTGTTAAAAAGTCTTGTAAGTTAATGTCTTTTACCCAGATATATCAGA  
TGTCAGTGAAAGACCACTGTGACTTCCTTAGATACGTTTAGTGTATTTAGAATGTGTAAATTTGTGCTTT  
GAAGTGTAGTTTAAATAATGTAAATTCAT  
>GBEQ0982 |Acc|CD468671|Ver|CD468671.1 GI:31389939|LeukoS3\_5\_C04.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_C04\_A025 3', mRNA

sequence.:Start:1:Stop:350

TTGTTTCAGCTCATCCGGCAGATACCAAACACTGCCATTGTGTTGTCTACCTATGAGTTAATTGTGTCCCT  
GTTAGAGGCCCATACTCAGTAACAGGCCAGAAAATATACTTTAGAAGATAAACTGAGAACTTTAGAG  
AATTTTTTTTCCATTGATGTTTGAATGTTTGAGACCGAAACAGGAAAGGCCATAAAATATTTGGTTCAT  
ATCCCCGTGTGGATATTTCTTTTGGATTTCATGCTTTCTGGAAGGTTTAAAGTCATTAACGTTAATAGTT  
AATTGTAACTTTTTTTTTTAACTTAAGGGGATTTCAGGATTAAGCAGCAACTAAATTAATCATGCTTTT

>GBEQ0983 |Acc|CD468578|Ver|CD468578.1 GI:31389846|LeukoS3\_4\_D10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_D10\_A025 3', mRNA  
sequence.:Start:1:Stop:691

CAGGGCTTGCTGGGAGCACAGCAGCACGGCCAGCAGGACCAGATGGATGCCTTTCATGGCTCCTGCTAGC  
TTCAGCCTACACTCAGGAAATCAGCATCTGCCTAAGAATACTACATCCAGAGAGTCCACATGTGATGAAT  
ACAGCTTAAGGGTGGCAGAAGGGAATAGAAGGGTTTGAACATGCTGCAGGCTGCACTTCACTGTTGTCTA  
ATCAATGCCAGCTGCCTTCCCTATATTAGTGCTAAGGAGAGCTCCTGCCAGCAGGCGGGTGGAGCAGC  
CCCGTCTCCAGAGCCAATCCTCAGACCCCCGCTGCTGAGCAGGGCCTCTCTCACCTCTGCTACTCACTC  
AAAGTCAGCCTGGTGGAACCTCTGCACCTTCAGTTCAAAGAAACCCCTTGTGCTTGCACCCAGCTTCTG  
ATGAGCAACTGCTTAATTATTTATTTATTTATTTATTTATTTGTTGGGTTAGTCTATTTAATTTAATTCAGGTG  
GCCAGGAAGCAGCACTGTCTGTGAATGAGCCCAATCTCAACATCTATGGAACAGTTTAATTTGGACTA  
GTGTACCATGTTTATACCAAGTCCTTTTACCAAGCCTGAAAATATGTCAGCTCAGATTATTTAAATAGGA  
ATATTTATGAGGAAAGAAGCATGATCACACTGTTTCAATGATTCTGAAATAAATTTTGC GG

>GBEQ0984 |Acc|CD468573|Ver|CD468573.1 GI:31389841|LeukoS3\_4\_H09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:568

AGTGTACAACTCTAAAGTGCTATAGAGGAAAATTGCCTAGAGAGGAGGAAGGTGGAAATATTTTCATG  
TTGGTGTGTAAGCATGCATGGAAGCCTTGCAGCACCAAGACTTGGCCCTGTACTTAGAGCATCCTCTGTC  
CTTTCTCTACCTGTGCTGCTTCAAGAGTTCCAGCTGGTCTGCTGTGAGGCCAAAAGCTACTTCGGAGTGC  
TGGCTGCAGGATTAAGCCAATCTTATGCAACTGACTCAGTCCCTTAATGGCCATTTCTGATAAAATAAAAA  
ATTTTTTGTGTGTGGGGGAGGGTTGGGTGTTGGGATGGGGGTGAATTTGAAGTTTAAAGGTTTAACTA  
GAAATAAGATGATATGGTCTGCTTCTGCTTCTGTTTAGACAGGCTTTAAGACCAGTTAGATTTACATGGAG  
GCCAGGCCAGAGAGTGATAATTGATGACTTGTGTGCAGATAAGCATTTATCCAGGTTGTGTTATCCAAAT  
TGGTTTGTAAAGCTCCAGGTCACGTTCTTACACTAAGAAAAACATTTCAGTAAACATGAGACAAGTTTAG  
GAAAAATT

>GBEQ0985 |Acc|CD468571|Ver|CD468571.1 GI:31389839|LeukoS3\_4\_H01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_H01\_A025 3', mRNA  
sequence.:Start:1:Stop:535

GGGAGACAGGGATATCCAGAGAAGGAAGAAATACCCCTTGGCCACCCCTTCAGGAAGATACAGTTGGA  
ATTAGGCTTTTGTAAAGCTCTCCGAAATCCTTTTCATCATTTTACAATTTTATGCTATTTGTGGAAAGATT  
TCTTTCTCAAATAGTAGTTTTTAAATAAACTACAGTACTTTAGGTATTTCTTTTAAACGGGGTATATTTCT  
ACTGATCTGATCTCACTGTTTTATGTTGCTTTCCAAAGATGTGTGTTGCATAATACAGTGGATCTGAATT  
TATTATTGCTTTGAAAAACATTTGATGGAATAGGGATACTGGTTTTTTCATTATGGTTAAAAATCAAACC  
AGCTGTGGATTTCAAACACAGTGAATTTTAGATCATTTAAGACCCATGCTGATTTTAAATGCACAAGAA  
TTAGGTATGAATTTTAGAGCTGGAACCCCTCAGCCAACCTAGAGTATATATTGTTTCAGTATTTCTTGGGAAA  
CATTTTCATTAATGTACTTGTCTTATGGAATTTCTGGGCTTTGGT

>GBEQ0986 |Acc|CD468567|Ver|CD468567.1 GI:31389835|LeukoS3\_4\_E02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E02\_A025 3', mRNA  
sequence.:Start:1:Stop:308

GCAATTTTTTACCACCCTGCGGGTTGTGCACCAGAAATTCACAGTCAGCGGCACGGGAACAAGAAAGA  
ATGAGGTTGGCCCTTCCCCTGCCTGCAGGTTCCGCTCCTTATGGCACCCCGCCGGAAGGGTTTCTGTA  
CCCCATATGTTGAGGGAGTGGGGGGCTTCCCTCATCCGGGAGGGTTTTTCTGCTCTCCCCTGGATTTTG  
TGGGCTCTGTGGGCCCCTAACGTTATGCTGGAGAGGAAGACCTGGGCCCCACCCCTGCGGGGAGCTGAGC  
CCAGCGCCCTCAATAAGGGAGGGGGCCC

>GBEQ0987 |Acc|CD468560|Ver|CD468560.1 GI:31389828|LeukoS3\_4\_C11.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C11\_A025 3', mRNA  
sequence.:Start:1:Stop:674

ATCCTGTATAAGCTGAAACTGGGGGAGATCGTCAAGACCATCCCCACCATTGGGTTCAACGTGGAGACAG  
TGGAGTACAAGAACATCAGCTTACAGTTTGGGATGTGGGTGGCCAGGACAAGATTTCGGCCTCTCTGGAG  
ACACTACTTCCAGAACACCCAAGGGTTGATATTTGTGGTGCACAGCAATGATCGGGAGCGAGTAAATGAG  
GCCCCGGGAGGAGCTGATGAGGATGTTGGCAGAGGATGAGCTCCGGGATGCTGTGCTCTTGTCTTTGCAA

ACAAACAGGATTTGCCTAATGCTATGAACGCTGCCGAGATTACAGACAAGTTGGGCCTGCATTCCCTGCG  
 TCACCGCAACTGGTACATTCAAGCCACCTGTGCCACCACTGGGGACGGGCTGTACGAAGGCCTGGACTGG  
 CTGGCCAATCAGCTCAAAAACAAGAAGTGAGAGCCAGGCAGCCCTGTCTGACCGCCCTACCCACCCCTGA  
 CACATCTACTATCTCCCTGCCCCAGCCCCAGCCCTTTCTTCCCATTTGCCATTGTGGCCAGGGCCCCGGGTA  
 TCATGTCCGCATGCCCAACAAGAGCCTTGCCCTCCCCTGCCCTCGCCTCCTCTCCCCGTCCATACCAGTCC  
 CCAGTTGCTGTCTTGATGATGAATCATTTCAATTTACCAGATTT

>GBEQ0988 |Acc|CD468559|Ver|CD468559.1 GI:31389827|LeukoS3\_4\_D11.b1 A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_D11\_A025 3', mRNA  
 sequence.:Start:1:Stop:703

TTCACTCACACAGAATCACTTGCAATTGGCAGTATCACCCAGCTGGTTTTTAACTGAAAATTTAAGT  
 AACATGGGTGGCATGAGGTATGATTGAGGGTACTAGGAAGTCCACATAGGATCCTTCATGCTTCTCTTTA  
 TTATACCCACAACATATCATATTAGTTTGAACATAAATACCTTTTTCAAGTGGAACAAAAGCCTTATTGT  
 ATGAGAGCTTATCTAATCCTGTTTATTTTCCACTGCTTTTCTGTAATGCATATTGTGTAATAAGAAAAA  
 TACTCTTTTAAATACAAATGCACTATAAAATACAGTTTGTGATTTAGCCAAGCCTGTCTCCATA  
 TTTAAGCACTGGGACGGGAATCTTAATATTTGTGACCACAAAGGGAAGCTTTTGTGCCTTGTACTTGGT  
 TTGAGTTATTGATTGTGGTTTTAGAAATATTCATGGCAGACTTCTTATATTCAACTCTTTGGTTTTATTTT  
 CTTAATCTTCAACTGAGGCATATATATGTGTGTTTATGTGCTCACATATGGCCTGAGAAATCAGTTAAT  
 ATCCTAAGTGACCTACAGGGTATTTGTTGGCAAAAAGCAGATTGTGTATATGTCTTATAAAATTGAATTT  
 ACGTTCAATGTGTTGAGAATGTATAGCATGTAGATTATTACATATATTATTTAAAGTAATTAATGTT  
 CAG

>GBEQ0989 |Acc|CD468558|Ver|CD468558.1 GI:31389826|LeukoS3\_4\_C02.b1 A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C02\_A025 3', mRNA  
 sequence.:Start:1:Stop:514

CTGGTCAGCAAATACCCAGACCTCAGGGATGACCACATCGGTGCACTGTTGGCTGTGCGAGGGGACGCCA  
 GCCGGGACATGAAGCAGACCATCATCGAGTCACTGGAGCAGGGCCCCAACGCAGGTGAATCCCACTACGT  
 GCCATCTTCAAGGACATCGTGGTTCCAGTCTGAACGTAGCAAAGCTCCTCAAGTAGCCTGTTGGTTTC  
 CAGCCTGTGTGTCTCTGCCCTCATCGTCCACACTGGAACGTAGGGCAGCGGAGTGACTCATGGACC  
 CATGAGAGACATCTTGGTTCCATGTACCTGCCTCACAGTCCGAGTGCACTGTTTCTTGAAGAACCAGCA  
 CTCTGCTGGCCTGGGTCTTCTGGCTTCCTCGTTCCATCCTCTTGAGGCAGGGTTCTGGTGCAAAATGCCT  
 TGTGGTAGTTGTCTTCACTCCCCTCTGGGCCCTTCCCTCACTTCTGCAAAGTATAAACACTTCTGAAACTC  
 TGCTGCTTAATAAAAGAGTCTAAA

>GBEQ0990 |Acc|CD468555|Ver|CD468555.1 GI:31389823|LeukoS3\_4\_G11.b1 A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G11\_A025 3', mRNA  
 sequence.:Start:1:Stop:750

TGAGTTAGCTGATTGCTAATATATTGACATTAGAGTGAAAACCTTCTTTGGCCAAAGTAAACAAAGATA  
 AAAGTATAAAAAATTTAGAAGCTGGCATCAGGAAAAGAGTTTCAGTCCAGTGTGCCACGAAGACCAAAA  
 GTGCTGCAGGAGGAGGTTCTGGGCTTTTGAACAGACCAGGTGGGACACGTTAGGGGTGTAGAGTAGAGGA  
 AAACAAAATTAACCTCCTTATTTATACCACGCCTGTTGGCTAAATTTTTCATAGGTTTAGGAAATAAAAT  
 TTTTGAAGAAAGAAATAGTTGTAGCCTTGGAAGAACGGTTTTCCTATTCTTTCCAAGTTCAGATCAGCAT  
 AGTCTGCCCGTGCCTTCTATGTCAAACCTCCATTTGATTAAACCCAGCATAGGAGCTATAGCAATAAG  
 AGACACTGAGTCTATTTTGTTCACGTCTTTACTGCCCTAGTATGAGATTAGTAAGATAGCTGATAAATT  
 TTACCCTGAATGCTACACATACAGTATGTGGTTCTCTCTCTTTTTCAGTGGTGATCATTTTAAAGGCC  
 TAAAGAAAGCTGGGGTTAATCCTGAAGCTAAGAGTAAATGTTTCTTGAATTGATTTTGTCTGTGGTACA  
 AATAACATCTGTGTATATCATATCTGTATATATCTGAACCAAGTTGTGTGCAGAGAGGTTGATATAACTA  
 TATTTACAGAAAACAATTTTACAATTAATAATTCACATTTTAACGGAAA

>GBEQ0991 |Acc|CD468544|Ver|CD468544.1 GI:31389812|LeukoS3\_4\_E01.b1 A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E01\_A025 3', mRNA  
 sequence.:Start:1:Stop:363

TTTTACCCTGGGGAGATCACCTGACCTGGCAGCGTGATGGGGAGGGCCCTGACCCAGGACACGGAGTTTG  
 TGGCGACCAAGCCTGACAGGGGACGGGCCCTTCCAGAAGTGGGCGGCTGTGGTGTCTCCCTTTTGGGAGGA  
 GCACAAATGTGGCTCCTCCAAGGCCTTCTGATTTCCCGGGAGGAATGAATCGCTCCTTGACCATTTTA  
 GCACTTTTGACGTTTGTAAACCTTGTGAAAGGGGGTTATGCCTCTGTCTGTCTCCTGCCCCAACTGTG  
 AGCTCCTGGAAGCAGGGAACATGACTGGCATGTGTTTCAGCTTCCCCAGGGCCAAGCACATGGCCTGTT  
 TTACAATAAACC

>GBEQ0992 |Acc|CD468539|Ver|CD468539.1 GI:31389807|LeukoS3\_4\_B02.b1 A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_B02\_A025 3', mRNA  
 sequence.:Start:1:Stop:585

CTTTTTTAAATTTCTGTAAAGTTCCOCTTCCATAATTTTTATGTTCTTGTGAGGAAAAAGTAAACAT  
GTTTAACTTTATTTGATTTTATGACATTGCTTTCAACAAGCAAATGTTAAATGTGTTAAGACTTTACTTG  
TGTAAGTGTGTTGTAATTTTCCAAGTAAAAGTTTCCCTAAAGGCCACTTCTATCTGATTTTTCCAGTA  
AATAAGGCAACAATTTAAGATCTTCCACAGACATCTAGCCATCTAAATGGAGAGATGGCTCTTTCTG  
CCTACATAAACAAGCTAGCTCTATATAGAGGGTGGTCGGGTTATGCTACTCTTAGGATTTTCAGGGTGTCT  
TCAAACCTGAAATCTCAATGTTCTCAGTCTGAAAAACCTGAGATCAGATGCTTATGTAAGGAAAGTGCTAT  
TCACCCAGTAAACCCAAACAGTGGATAATGCTGGCCATATTGCCCTTCTGACATTTCTTGGGAATCT  
ACAAGAACCTCCCTTTCCCTTCCCTCAATAAGACCATTAAAGTGTGTGTTAAGCAACTACAGAATACT  
AAATAAAAGTTTGGCCAAACCAA  
>GBEQ0993 |Acc|CD468536|Ver|CD468536.1 GI:31389804|LeukoS3\_4\_F09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_F09\_A025 3', mRNA  
sequence.:Start:1:Stop:673  
ACCCGACACGCTGGAGCTGAGCTGGTGGGCGAATGGGAAGGAAGTCCAGACTGGGGTCAGCACGGACCC  
TCAGCCCTACAGGGAGCAGTCAGATGATGAAAACCCAGCTACTGTCTGAGCAGCCGGCTGAGGGTCTCT  
GCTGCCTTCTGGCACAAACCCCGCAACCACTTCCGCTGCCAAGTCCAGTCTTTCGGCCTCGAGGAGAACG  
ATGAGTGGAAAGAGAACCGACCAACCTGTCAGGCAGAACATCAGTGCTGAGGCCTGGGGCAGAGCAGA  
CTGTGGCCTCAGCTCAGTGTCTATCAGCGAGGGGTCTGTCTGCCACCATCCTCTATGAGATTTCTCTG  
GGGAAGGCCACCTGTATGCTGTAAGCTGAGCTAGAAGCTTCCAGACCATTATCACCCACCATGGAGTTTCTTT  
CCTGAAGCCAGCTCAAAGGTGGAGCTAGAAGCTTCCAGACCATTATCACCCACCATGGAGTTTCTTTT  
TCTTTTCTAGCCAGGGCTTCTGAAGAGCTGTTCTCATCTCTCTACTCATCTGATATCTACTCCCTCAA  
GTGCTTGACACCTCGACACTCATGACCAAAATCTCTGACCCAAGGGGACCCCTAGTGTGCTGTGTT  
GACTGAACCAATAAAATGGCCTGTTCTGGCTTGAATCTGCCT  
>GBEQ0994 |Acc|CD468453|Ver|CD468453.1 GI:31389721|LeukoS3\_3\_C03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C03\_A025 3', mRNA  
sequence.:Start:1:Stop:535  
TGTGAAGTTAATGTTCTTCCACAGATATATCAGATGTCAGTGAAAGACCAGTGTGACTTCCTTAGATAC  
GTTTAGTGTATTTAGAAATGTTGCTTTGAACTGTAGTTTAAATAAATGTAAATTTGCATCATA  
GTATTTGTTGATTTGACCTAATGTAACCTTGTATGATTGCAATAAAATTTTGTGTAGATTTTACTGTT  
TTTTCAGGCTAAAACCTTTGGGAAAGGGGCTAGCTAGCAAAGGTAGTTTGAATAGATGTGTATATGGAC  
TGTTTGAAGGTTATTTTCTTTATTGCTCATTACGTTTAGTTTGGCTCAGTACATTTTTCAGTTATTTA  
ATTAGTAATTTAAGTAAATGTTTGGTAATCATTTGTGAAGTTTCAAGTTCAGATTCATTATGGAGAGTTGATGTC  
AGTAAGCATGATGTTTAAACCAAAAATGGTAATCTGCATAAACCATTGTAATCATTAGTAGATGTTT  
CTGTATAGATAGAATGCATAGAGTACCTTAGTAAATTTTGAATC  
>GBEQ0995 |Acc|CD468452|Ver|CD468452.1 GI:31389720|LeukoS3\_3\_D05.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D05\_A025 3', mRNA  
sequence.:Start:1:Stop:738  
CGGGCTGACAGAATGGTGGGGCAGGTACTTGGTGCAGTTGGAGCTTTACCTGAAATCTTACCAGATTGG  
AAATCTCCTATTTCTGCTGAGACGGCTTCTAGGTGTACGCACTGAGGGAGACAAGAAAGCAGCAAAGGT  
GCAAAAGCTATCTAAGAATGAAGTGCTCATGGTAAACATAGGATCCCTGTCGACAGGAGGAAGAGTTAGT  
GCAGTCAAGGCCGATTTGGGCAAAATCGTTTTGACTAATCCTGTGTGCACAGAAGTAGGAGAAAAAATTG  
CCCTTAGCCGAAGAGTTGAGAAACATTGGCGTTTAAATTGGTTGGGGTCAAATAAGAAGAGGAGTGACAA  
CAAGCCAACAGTAGATGACTGAAGAATTCAGTTAAATAATACATTAGGATGAAGTCGGAATTTCTC  
TTAATAACCTAGGGGTATATTTTCAAAGCATTACTGGGGAACTCATTACCTTAGTAGTAGCTGTAAGGTT  
ATTCTCATTTTTTGGTGTAGAAAATTTAACCTCTAGTACTAAAATAGCCTCTACAGTAAATGTAAAAATT  
GGCATAATGGTGGATTGAATCTACATTTTACCAGAAATTAATCATTTCCCAAATAATTTCTAATTTATACA  
TCAGTGCAGGTTTGAATGAAATGGTTTGTCTACAACCCAGCCTTTGCTGTAGCACACATACCACTGAACCT  
GTTTGAATAAAGTCTTTCTTCTTATTTTCAAAAAA  
>GBEQ0996 |Acc|CD468448|Ver|CD468448.1 GI:31389716|LeukoS3\_3\_G11.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_G11\_A025 3', mRNA  
sequence.:Start:1:Stop:648  
GTGGCAAGGGTGACAGCTCTATCCGGTACTTCGAGATCACTTCTGAGGCCCAATTCCTGCATATCTCTC  
CATGTTCAAGTTCTAAGGAGTCCAGCGTGGCATGGGCTACATGCCCAAACGTGGCCTGGAGGTGAACAAG  
TGTGAGATTGCCAGATTCTACAAGCTGCACGAGCGGAGGTGTGAGCCCATTGCCATGACAGTGCCTAGAA  
AGTCGGACCTGTTCCAGGAGGACCTGTACCCACCCACTGCAGGGCCGGATGCTGCCCTCACAGCTGAGGA  
GTGGCTGGGGGGTGGAAATGCGGGGCCCTCCTCATTTCCCTCAAGGATGGCTACGTGCCCCCAAGAGC  
CGGGAGCTGAGGGTCAACCGGGGCCCTGGATACTGGGCGCAGGAAGACAGCACCAGAGGCCAGTGGCACTC  
CTAGCTCGGATGCTGTATCCCGGCTGGAGGAAGAGATGAGGAAGCTCCAGGCCACTGTGCAGGAGCTACA

GAAGCGCTTGGATAGGCTGGAGGAGACAGTCCAGGCCAAGTAGAGGACCCAGGGCCTTCAGCTGGGACC  
CATGGCATCACCACCTTCCCTTCCATTCTACTCCCTACTCCTCAGGCCACAATGGCACATAAAAGAAAA  
ATAATAATAAAATGGCTT

>GBEQ0997 |Acc|CD468446|Ver|CD468446.1 GI:31389714|LeukoS3\_3\_F03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:709

AGATATTAAAGTTGTAGATTTTGGCAGTGCAACATATGATGATGAACATCACAGTACCTTGGTCTCTACA  
AGACATTATAGGGCACCTGAAGTTATTTTAGCCCTAGGATGGTCCCAACCATGTGATGTCTGGAGTATTG  
GATGTATTCTTATAGAATACTACCTTGGGTTTACAGTATTTCCAACACATGATAGTAAGGAGCACTTAGC  
AATGATGGAAGGATTCTTGGACCTTTACCAAAACATATGATACAGAAAACCAGGAAACGTAAATATTTTC  
CATCATGACCGATTGGACTGGGATGAACATAGTTCTGCTGGGAGATATGTTTCAAGGCGCTGTAAGCCTC  
TGAAGGAATTTATGCTTTCTCGAGATGCTGAACATGAGCTGCTCTTTGACCTCATTGAGCAAATGTTGGA  
ATATGATCCAGCTAAAAGGATTACTCTCAAAGAAGCCTTAAAGCATCCTTTCTTTTACCTCTAAAAAAA  
ACTATATAGATGTATAATTGTACAGCTCTTGAAGAGATCTTATAGACTGTATCAGTCTAGTTTTTAAAGTA  
TTAAGTTATTTGTACAGCTTTTGTAAATTTAACATTTTGTATTGCCGTGTTTATTTTGTCTTAAATCAT  
TTGATTTGTAAAGTAAATAGCTAAGTAAAGTAATGAACATTTTTCAGTAATTAATGTATAAAATGATTTTC  
TTCAGAATA

>GBEQ0998 |Acc|CD468437|Ver|CD468437.1 GI:31389705|LeukoS3\_3\_C12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C12\_A025 3', mRNA  
sequence.:Start:1:Stop:664

CTACACAAGTAATATTCCCAAAGATTTGGCTGGATCTATTATCGGCAAAGGTGGTCAGCGGATTAAACA  
AATTCGTCATGAGTCAGGAGCTTCGATCAAAATTGATGAGCCTTTAGAAGGGTCGGAAGATCGGATCAT  
ACCATTACAGGAACACAGGACCAGATACAGAATGCACAGTATTTGCTGCAGAACAGTGTGAAGCAGTATT  
CTGGAAAGTTTTCTAAGACTAGTGAAGAACTGAAGGAGTCTGCATCTTTTTTTTTTATCTGCTTCTGT  
TTAAAAAGCCAAACATTCCTCTGCTTCATAGGTGTTCTGCATTTGAGGTGTAGTGAAATCTTTGCTGTTC  
CCAGATGTAATGTTTTAGTTCCTTACAAACCGGGTGGGGGGGGGAAGGGCGTGCAAAACTAACATTGAA  
ATTTTGAACAGCAGCAGAGTGAATTTTAAATTTTGTTCATTGTTGGTGGTTTAAACGAAATTC  
CCCCATGTAATATTGTGAACATTTTGCATTGTGGTCACTGTAACATTTGGAGGGGGTGGGACAGGGAGG  
AAAAGTTAACAGTAGTCCATATGTCCTGGCATCTATTAGAGCAGTGTGCAGAAATGTAATGCTCTTTTG  
TAAGAAACGTTTTATGATTTTTTAAATAAATTTA

>GBEQ0999 |Acc|CD468424|Ver|CD468424.1 GI:31389692|LeukoS3\_3\_A06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_A06\_A025 3', mRNA  
sequence.:Start:1:Stop:485

CAAACAAGACTGACAGAGGCAAGGGAAGAGGCCCGCCCATTTGTTGGAGAATCACCCCCAGCAGGGGTGA  
GTGAGGGTTTTGAGGAGCAGGCCGGGAGTCCCAGGGTTCCCAGGGCCTCCTTGGTCCTGATGCACAGGC  
CTCTCCTTCCCTCAGACCCTGCCACATCGCCCTGGAGAGGCTCAGGTGGGCTCCGGGGGCAGGCTGGCG  
CTGCTCTGAGAGGGCATTGTTGGGTTTCATTCTGCCGTTGCGCTGTTTGGACAGGAGCCCGGCCTGTGAC  
CTGCCCCACCTCCACAGCCCGGACATCCCAAGATGGGGTGGGCACACCTCAGCACCGGTGTGCGAGGTC  
CAGCACTGGTGCACAGAGGGCGGCTCGGGGAGCCGTGGTGTCCCCCAGGTCAGGGAGGCTGGGTTGGA  
CACGTGGCTCAGACTGATACACGGTCTTCCATTCTACACTTTTTTAATAAACGCAATTGCAATA

>GBEQ1000 |Acc|CD468421|Ver|CD468421.1 GI:31389689|LeukoS3\_3\_H12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H12\_A025 3', mRNA  
sequence.:Start:1:Stop:750

CTTCAATGTCAAGAACGTGTCCGTCAAAGATGTTCCCGTGGCAATGTGGCTGGTGACAGCAAAATGAT  
CCACCAATGGAAGCAGCTGGCTTCCAGCTCAGGTGATTATCCTGAACCATCCAGGCCAAATCAGTGCTG  
GGTATGCACCTGTGCTGGATTGTACACAGCTCACATTGCTTGCAAGTTTGTGAGCTGAAGGAGAAGAT  
TGATCGTCTGTTGTTGGAAGAGCTGGAAGATGGCCCCAAATTTCTTGAATCTGGTGATGCTGCCATCGTT  
GATATGGTTTCTGGCAAGCCCATGTGTGTTGAGAGCTTTTCTGACTATCCTCCTCTGGGCCGTTTTGCTG  
TTCGTGACATGAGACAGACGGTGTGTGGGTGTCTCAAGCAGTGGACAAGAAAGCAGCTGGAGCTGG  
CAAGGTCACCAAGTCTGCCCAGAAGGCTCAGAAGGCTAAATGAATAGTATCCCCAATACCTGCCACCCCA  
GTCTTAATCAGTTGGTGGAACGGTCTCAGAAGCTTTTGTCTTAATTGGCCATTTAAGTTTAATAGTAAAG  
ACTGGTTAATGATAACAATGCATCGTAAACCTTCAGAAGGAAAGGAGAATGTTTTGTGGACCATTGTTGGT  
TTTTTGTGTGGCAGTTTTAAGTTATTAGTTTTTAAATCAGTACTTTTTAATGGAAACAACCTTGACCAA  
AATCTGTCTACAGAATTTTGGAGACCATTTAAACAAAGTTTAAAGAGAAAT

>GBEQ1001 |Acc|CD468415|Ver|CD468415.1 GI:31389683|LeukoS3\_3\_H08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H08\_A025 3', mRNA  
sequence.:Start:1:Stop:628



TGCCTCAAGCAATCGAGATTTGGGAGCTGAACCAAAGCCTCTTCAAAGCAGAGTGGACTGCATTTAAATT  
 TGATTTCCATCTAAATGTTGCTAAGATATAAGAGAAGTCTCATTGCGCTTTGTCTGTACTTCTGTGTT  
 ATTTTTTTTTTTTTTTTGAATTTTGGCTAGAGTGTCCACACTATCCCAATCAAAGAATTACAGTACACAT  
 TGTCCCCAGAAATCCATAAATGTGTTCTGGGCCCCTCTGTAATAGCTTAGTAGAATTACCATTACAAACA  
 CATTTTACCCATCCACAATGTTAAAAAAGAAGTTCATTTCTATACCTTACAGGAAAAAATCTGTTT  
 ATGTTCCATTGTATGCAGGAGCATATTTTGTGTTTGAAGAGCATAGAGTTTCTGGCAATTTCTTT  
 GTTTCTTTTACAGCATTGTCTTTGTCTGACTCTTGTCTGATGGCTGCTAGATTTTAAATTTATTTGTTTCC  
 CTACTTGATAACATTAGTGATTCTGATTTTCAATTTGTTTGTCTTTGTTTTTCTCATGTA  
 ACATTGGTGAAGGATCCAGGAATATGACACAAAGGTGGAATAAACATTAATTTAGGCAAAAAAATC  
 >GBEQ1002 |Acc|CD468409|Ver|CD468409.1 GI:31389677|LeukoS3\_3\_C09.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C09\_A025 3', mRNA  
 sequence.:Start:1:Stop:695  
 CCAAACCTCAGGACCTGGCTGCTGGGCTGGACTGAGAGTGGAGTGTCCAGTGAGGGTGGGACGAGCACA  
 GAGAAGTGTTCAGCTGTTTGGTGGCTGTAACTCCTTTTCATGGCTCTAGCCAGGCTTGTCAAGACTCT  
 GCTCTGTGGAAGGCTCTGGGGCTCTGCCTTCAGTGTGTGGCCCTAGCAGTGGGCTGCTTGGGCTCC  
 TGGGCTCTGTGCTGGAGCCTAGGGCTCAGAGGAGCCTCTGCCAGCCCCTCAGTATTACCATGTTTCTC  
 CTCCTCTTAGGGACAGCAGAGACAGGGTGTCTTGAGGAAGTTGGCACCCTCAGCTCTCCCTGCTACAC  
 CAGCTTCTCAGCCTCTGCAAGGCACTCAGGGTGGGGGACAGCAGGACCAAGACAACAAGTTGGAGGCC  
 TGTGTTCCAGAGGGCTGATGCCAAGGGTACTGGACCCAGCACTGCCTCTGGAGCTTGGGCTTAAAC  
 ATAGCCCCGTGGTCTCTGCCAGATGATGGCTTTGAAGGTGATCCAAGCAGTTCCTTATCTGTACATAGT  
 GACCGGAGGGTAGAGGGCAGATGGGGATGGCTGGCAGGCATAGCAGCTGCCTCTCTGCGTTGAGCA  
 AGCCTGACCCCTCCGGCCCTGTAAATATTGGATCAATGGAAGAATAAACTCTCTTAAAAAAGA  
 >GBEQ1003 |Acc|CD468406|Ver|CD468406.1 GI:31389674|LeukoS3\_3\_H04.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H04\_A025 3', mRNA  
 sequence.:Start:1:Stop:568  
 TGTACTACAAGATTGATTGCAACTTGTGGAATTCAAGTGAAATGAACTCCTCCCCAGACAGTCTCTGTC  
 CTTGTGTTGGTGTATGCTCAGACGTAGATATGACAGTACTTTTATCTCTTTATTATCCTTTGCTTGCC  
 TCTGACCCCTTTTCTTAAGTGAGTCTCCCGTAGTGGTCCATTTCTCAGCATTTCCTTTTAAAGGAAAA  
 TATATGCTCTCATTTCTTTTATTGATCAGTCTGTAAATGTGTACTGAAAAAATCAGAGTTTATTATATA  
 AACAGAATAGTTTATTAAACAGAAAGTCTTTCCTCATTGGTATTGTGGTATGCATTAATCCATTTGTT  
 ACTATTGTGCACAAAAGCCTTGTTTACAAGGGAGTGGTGTAAACATTTATAACATTTTGTCCACTGTGTT  
 TAGTAGACATAACTGTTCAAGTAGTTATTAAATTTGTGATGTAAAGAAATGTGAGAATATTCAAGTATGTGC  
 TTTCTGAATGTTTCAAATTACAGTTTATGAGCACTGTTGACACCCCCAGGAGAGAATAAAATTACCTGTG  
 CAAAGGGG  
 >GBEQ1004 |Acc|CD468404|Ver|CD468404.1 GI:31389672|LeukoS3\_3\_F11.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F11\_A025 3', mRNA  
 sequence.:Start:1:Stop:768  
 GCGACCCCAAGTGTCAAATCTGGTAGCGCTCTCCTCTGTAGGCCCTATACAGTGAGGCATTTTCAATGC  
 CCTTCTGACTGTGCAAAGGTGCCTGGTGTGTTTTTACATGGAGACGCTTTCCTCGGTGCCCGTGGCATC  
 ATCACAAGTGTCTGGCATGGGGAATAGCTATTCTGGTCTCTTTGCCCTGAATTGGTGTGTTTACGAACCAC  
 AGGTGGAAGCCAGAAATATAAGTGCTTCTTTGGCAAACCTCATTTCCTGCCGGCTGATGAGACGTTCTG  
 GAAGCATTTTCTGACCTTGAGGACGAACATTTTGGACTTCTTTCCCACTGTTTGTGTTTATATTTTGC  
 TATGTGCAATGAGAAAAACAATAAGATTTGGGAAAAGGAGATATGATCTTACAAGCTTGTTTTTGCCG  
 TAATGGTGTGTTTTCTTCTGATGTGGGACCCCTACAATGTTGCACTTTGCTTATCCACTTTCAAAGACTA  
 CTTCTGCCTGCAAGATTGCAGGCACAGCTACAACCTGGACAAAAGTGTTCACATCATGAAAATCGTCGCC  
 ACCCCACTGCTGTGTCAACCCGCTCCTCTACGTGCTTCTTGACAAGGAATTTAGGAAACACCTCTGCC  
 GCCTTGGCCATCTGGGTAACGCTCCACCGCAACCCCTGAGAGATGCGCACCCAGTACACCGGGGGAAGA  
 ACACGACCTTTCTGCTGAAATGCAAGCTAGCTTCCGTCAAAGCCAGGATTAAATAAACATTGACTTTG  
 >GBEQ1005 |Acc|CD468399|Ver|CD468399.1 GI:31389667|LeukoS3\_3\_B04.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_B04\_A025 3', mRNA  
 sequence.:Start:1:Stop:651  
 CAATGACAGTGCATCTGTGAATGTTTGTGTTGTTGAAGGTGATGCTTACGGACGGTGAAGTGCAACAC  
 TGCATGAAATGATTTTGTATAGATAATAAGATATTATTTGGTCTTATAAGACTGAGTGACCTTTAACT  
 CAGTGAAATGTTAAGTGTCTGTTTGTCTTTTATTCAGTCTTATTTTTTCTTAAATCTTTCAAAATCCCA  
 AGTTGACAATTAATGCCATTGAATAAATGCTGCTGAACACTTATCCAGACACCCAGCCCTAGCTCAGATA  
 CACAGTGTCTTTTTCAGGAATTAATGTCTAAAAGCACAAATGTAGTTCTCCCAATTAATTTTGAGAGTT  
 AAAAAGGTAGTCTGTGGGAAGTCATTTTAGAGGAATACTTTTGGTTAGGTCAATACTCAATTCAGGGTCT

TGAGTAAGCTTGAAAATGGTATATAGTTGTGTGTGGTTTACCCCCCTTTTGTGTTATTGTGTTAACTC  
CTGTCAATATCATTGATAAAAGTGTGAGGAAATTGTGTTAAAAAAATTTATTTCAAAAATATTTGCTTCAG  
AGTTTGAGAAGCTGTGACGGCATTGACAGCCTTAGACTTAACCTCACTGCGGGGTGAATGTTTGGATT  
CCAAAATGTGCTTTAAGAAGA  
>GBEQ1006 |Acc|CD468391|Ver|CD468391.1 GI:31389659|LeukoS3\_3\_D09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D09\_A025 3', mRNA  
sequence.:Start:1:Stop:567  
ACACCATCCTCACTGTGGGCATCGTTGCTGGCCTGGGTCTCTTCATGGTCACTGTAGCTGTGGTGGTGG  
AGCCGTGATCTGGAGGAAGAGCGCTCAGGACTTGGGAGTTCCTTTAGGATCTCATGGGCCCTGACTCTTC  
CCTGGCTTCTCACAGGATGTTTCTTCCACAGGTGAAAAGGAGGGAGCTACGCTCAGGCTTCAAGTAG  
TGACAGTGCCCCGAACCTCTGATGTGTCTACGGCAGCATGAGACAGCTGCCTCGTGGGGGACTGAGTGAT  
ACAAGATTCTGCCCCGTCCGCCCCCATTGTGACTTCAGGAATCTTTGACCTTTCTTTCTGCAAATGGC  
CCCTGAATGTGTCTGCGTTCCTATTAGCATAATGTGAAGTGATGGGGAGANTGGTCTCCCAACCCCT  
CCCCACACTGCCCTGCTTCTTCTTGATCGACTTTCCTGTTCCAGCAGAGGTGGGGCTGGGCCGTCT  
CCATCCCTGTCATAACTTCATTGTGCTGAGCTGCAACTTCTTACTTCTTATTAATAAAGCATTGGA  
TAGAAA  
>GBEQ1007 |Acc|CD468389|Ver|CD468389.1 GI:31389657|LeukoS3\_3\_B06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_B06\_A025 3', mRNA  
sequence.:Start:1:Stop:641  
AAAGTTTTGGATACTGAAAAGAAGTCATCATGAAAATAAGATCCATAAAAAAGCTTTGTATAGTTGAAGA  
GTGCTTATGTCTATGGCTGTTCAGACTGTTCAAGACTGTTGATTGGAGTAGTTTATAAGAATTCTCAT  
TTAAAGTGCCCCCTGTGTGTCATTGTGATGATGTGCAGCTTCTTTAATGGATGGTGCGGAGGGACAGAGTC  
TAGTGATAAAGTCAAGGGGTGGTCTTCACCAAGATGTCCAGCCATTGGAACAGGAGAGGAGCATAAAT  
GGCAGAGAAGCTGGCTGGTGGGTAAATGTTTTGGTAGTAAATTGTGGAAGTCTCTTTTGATTGAGTTTTTC  
TCAATAAAATAGGAAGCAAGGTAGACTGAGTGAGCATGGATGAAGAGGTGTAGGGGATTGAGGCAGA  
AACTGTAGATTCTTTAGGAAGATGTTGGAATAGTAGACGATGAATATCCAGTTAGATCTTCTGGTGT  
CATTCAATACATTACACAACATATTTTAAATAATTGCTCACAGTTCTGTTTTATGGCTTAAATTATCATTC  
AATGATTTTTTAACCAATTTCTGTGCTGGACATTTACTATTATAAATAAAGTGAACAATATCTCTTG  
TTATCCCCCTC  
>GBEQ1008 |Acc|CD468388|Ver|CD468388.1 GI:31389656|LeukoS3\_3\_H09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:580  
GGGCTTGGACCTTTGAAACTGACATGCAGTTGAGAAGAAGATGAGAATAAAAGGGAAGGATGTCTCATC  
CTCAGCTACCTGGGGATGCTTGTGGTGGTGGCAGCTCGCGCAGGGGCTGATGGCAGAGCACTCGTTGCC  
GCGGGCTTGGGGAAATAGTTGCATATGGGACTGCTGAGAGGTCTTCTTTAGTGTGAATCCTGGCTACAAT  
TATAATTAAATGATTTTCATTTGAGCAAGCTTTGAATACCTCTCCTAATAGAAAATGAAGGGAATTTTC  
TTTCTGTTCTATTCTATTTTCTCGTCTTTTTCTTCAGTTGATTGGATGTAGTAGATATGAATGTT  
CATAGTTCTAGGTAATATTTCCACCCATGTTCTTAAGAAATGCAGACTGTCTTCTGCACATGAAGGCTGG  
GAATTAACCTTCTGGGTGTTCTGTTATTTCTCGTTTAAAGGGAGTTTAGCTTTCAGAAAGAAACAGC  
AGGATTGCCCTCTGGCCCCACTATAGAAAATTGGTCTCCAGTTAAGGCTGATGTTTTTGAGAAGATTTT  
TAATAAAGAATTGAACATC  
>GBEQ1009 |Acc|CD468304|Ver|CD468304.1 GI:31389572|LeukoS3\_2\_A04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_A04\_A025 3', mRNA  
sequence.:Start:1:Stop:547  
GCAACCATGTCTGACAAACCCGATATGGCTGAGATTGAGAAATTCGATAAGTCCAAATTGAAGAAGACGG  
AAACGCAAGAGAAAAATCCACTGCCTTCAAAAGAAACGATTGAACAGGAGAAGCAAGCAGGCGAATCGTA  
ATGAGGCGTGCCCGCCAATATGCACTGTACATTCCACAAGCATTGCCTTCTTATTTTACTTCTTTTACG  
TGTTTTAACTTTGTAAGATGCAGAGAGGTTGGATCGAGTTTAAATGACTGTGCTGCCCTTTTACATCGA  
AGAATTGAGAACTACTGACAACGAGGCGCGCCTGCCTCTCCATCTGCCTGTCTGGCTGGCAGGGAAGGA  
AAGAAGCTTGCATGTTGGTGAAGGAAGAAGCTGGGTGTCGACAGTGAAATCTAGAGTAAAAACCAA  
GCTGGTCCAAGGTGCTGCAAGGTGTAATAATGCAGTTTAAATCAGAGTGCCATTTTTTTGTTCAAATGAT  
TTTAATTATTTGAATGCACAATTTTTTAAATATGCAATAAAATGTTTAAACCGAA  
>GBEQ1010 |Acc|CD468303|Ver|CD468303.1 GI:31389571|LeukoS3\_2\_B05.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_B05\_A025 3', mRNA  
sequence.:Start:1:Stop:718  
CCAGCTCAAACATATTCCTGTGATGCCAGTTGACAGAGAAAGGCTTTGAAGCAGATATGGATCTCAACCT  
CCAAAACCTGTCACTGATTGGGTTCCGCATCCTCCTCTGAAAGTGGTTCGGCTTAACTGTTTCATGACA



CTGCGGCTGTGGTCCAGCTGAGGTCGCCAAGAATGTGAGAGCCCAGTGCTCCCTCACTCCTTGCTCCTCG  
CCACCCCTCCTTTCCCTCTTTAAGCAAAGAGGCGCACCCCTCTGCCCCCAAGGGGGAAAAGGCTCCCTCCG  
CCTCTCTGGCCCCACTGGCAATGCCACCACTGGATCCTACAGGATATCTGTGATCAAGATGCTGAAGAG  
CTGCCAAACACTGCTGCCACCCCTCTGTTCCCTCACTGCTGCTTGTCACTGCCTGACATTCAGCAAAA  
GGTCGGGGCTGCTGCAGCCTCTCCTGGCTGTGGAGGAACCTCTGCCCTCCCCAGAGACCGCCTCTGTTT  
CCACTGGATGATGGATCCCCCATGGTTTCTCTTGAGCTCTAGCTCCCGGAGAATGTTGTGAGAAGTTTAT  
ATTTTTTTCAATAAGTGTTCACAAAGAAATACATATCACCCTTTTTCCCAAGATGTGGGGAAAATTATCTC  
ATTATCTAGGCCCTGCTATGCTGTGTATGTGAACCACATTGTATATTCTGCTGCCCATGGCTTCATTAAA  
AGCGATTGGAAGAGCAAA  
>GBEQ1011 |Acc|CD468299|Ver|CD468299.1 GI:31389567|LeukoS3\_2\_F12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F12\_A025 3', mRNA  
sequence.:Start:1:Stop:695  
CTACTAATCGTTCAAGACCAGAATAAGCCTTTGAAGGTAAGCTCAGCATTCTCATTTTATGGTAATGCTG  
GCTGCTTTGGTCTCCATAGATATGGCGTAGGAGGTGGTGACTACGCTGGCGGCTGACTTTTTGCGTAGCT  
GTTTCTCTGAAGAATGCAAGGGCTGTTGGTGAGAGCAGATTGTGGCGACGATAGCTGGCCTCTGGTCTAC  
CGAGATTTTGTAACTCTTGAATGCATCCTAGAATCATCCTCCCTCAGTAGCTAGAAATTTAGAGTAGTT  
GAAATCTGTAGGAATGAACCTCTGAGGGCCGAAAATGTGACATATTGGGAACAATTCTTAAACTCTGAT  
TAATGAGCTGTTATATAGTTTGTGAATTTATTGCACTGATGCTGTAAACCTGGACCTCGTGAAATATC  
TGTCCTAGATAAGTGTGTTTCTCCCTTCAAGATTGCTGTAAACAGTGGCACCTATGGAGCATATGT  
TTGATTTTTTTTTTTTTTTTATTGTTTCATATGAAAATTACAAATTCCTTAAATTTACATGTGTTTCTCAGT  
GTAAATAAGCCTGTCTCCTATCTGGGTTTGTGTGTATATGTGTTCTACCAGTTAACCACTTTTGAGATT  
TTAATCCTCTGTTATTTCTTCTACTTTGTTTGTGTAAAGGGGAAAAATAAAGCTCAAATCCTC  
>GBEQ1012 |Acc|CD468288|Ver|CD468288.1 GI:31389556|LeukoS3\_2\_G08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_G08\_A025 3', mRNA  
sequence.:Start:1:Stop:680  
AGTCAGAAGATGAGGTGGCTGTTGACATGGAATTTGCTAAGAACATGTATGAATTGCACAAGAAGGTCTC  
TCCAAATGAGCTCATCTGGGCTGGTACGCTACAGGCCATGACATCACAGAGCACTCTGTGCTGATCCAT  
GAGTACTACAGCCGGGAAGCCCCAACCCCATTCACCTCACTGTGGACACGAGCCTCCAGAACGGCCGCA  
TGAGCATCAAGGCCTATGTCACTTGACCTGATCATGAAGACCTGTTTTAGCCCCAACCGGGTGATCGGAC  
TCTCAAGTGACTTGCAGCAAGTAGGAGGGGCGTCGGCTCGCATCCAGGATGCCCTAAGCACAGTGTGCA  
GTACGCAGAGGATGATCTGTCTGGAAGGTGTGAGCTGACAATACAGTGGGCCGCTTCTTGATGAGTCTG  
GTTAACCAGTACCCAAGATAGTTCTCTGATGACTTCGAGACCATGCTCAACAGCAACATCAATGACCTGC  
TGATGGTGACCTACTTGGCCATCTCACACAATCACAAATTGCCCTCAATGAGAACTCGTAAACCTGTG  
AATGGGCCCCAATCTAGGACTCAGAATGGAGTGAAATAGCTGGTTTCTTTGTGGTTTGTAGTCACACCGA  
TCTAGTCAACTGCTTGTGAGTCTAAATAAACATCACTACCTTTGTAAAG  
>GBEQ1013 |Acc|CD468286|Ver|CD468286.1 GI:31389554|LeukoS3\_2\_A10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_A10\_A025 3', mRNA  
sequence.:Start:1:Stop:582  
GGAGCATGAAGGCAGCTGCTACTGTTCTCTCGTCTAAGAAGCCCTGGCCCCGAGGCTGAGAAGCAGTGC  
CAGCTGCAGAACGCCACCTCGTGGTCACTCACTCCAGAGAGGAGCAGGATTTTGTCCAGGAACATATAG  
GCTCCTCAGACACCTGGATGGGGCTCAGTGATCCTACAGGAGTCTGGAAATGGGTGGATGGGACAGACTA  
CAAGACCAACTTCCAGAAGTGGAGTCCAGGCCAGCCAGATGACTGGGATGGACATGGGCTGGGCCAGGT  
GAGGACTGTGTCCACTTCAACCCGATGGCACGTGGAATGACAATGCCAGAGGCCATTCCACTGGG  
TCTGTGAGACCAAGATGGACAAGGCCAGCTAGCAGAGTGTGAGAGGGCTCCCTGTAGACCACCCAGCTG  
CAGAAATGGGATCAGGGGAGAGGGCCCTTCTCCAGAGACGCTAACGAGACCTCTGTGGGAGAGGAACA  
AGCCCTGTGAGATGGGAGCACTGCCCTCAGCCTGAATTGTGTTCTCTCACTGTCAAAAGACTATATATA  
AGGTCCTAAGGTTTCTTAAAAA  
>GBEQ1014 |Acc|CD468281|Ver|CD468281.1 GI:31389549|LeukoS3\_2\_D03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D03\_A025 3', mRNA  
sequence.:Start:1:Stop:367  
GAGGAGGAGGAGGAGGTAAGAGGAGGATGTGAGTGGAGAGGAGGAGGATGAAGAAGGTTATAATG  
ATGGGGAAGTAGATGATGAGGAAGATGAAGAAGATTTTGGTGAAGAAGAAAGGGGTGAGAAGCGAAATCG  
AGACCTGAAGATGAGGGAGAAGATGATGACTAAGTGAATAACCTATTTTGAATAATTCGTATTGTGAT  
TTGACTGTTTTTACCCATACCCCCCTCCCCATCCCGCCCCCGAACTTATTTTTTCTGATTGTAACGT  
TGCTGTGGGAACGAGAGGGGAAAAGTGTACTGGGGGTTGTGGGGGAGGGAGGGCGGGAGGGGTTGGAAT  
AAAATACTATTTTACG  
>GBEQ1015 |Acc|CD468265|Ver|CD468265.1 GI:31389533|LeukoS3\_2\_H01.b1\_A025 Stimulated

peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_H01\_A025 3', mRNA  
sequence.:Start:1:Stop:711

GAGAGCTGAGGACTGGTGGGAAGCACATTAACCTATTTTCATGATCATGTAAATTATTTTCCAGTGTAAC  
TATTCACCTATTTATTTATTTATATATTTATTTATCCATCAAATATAGTAATTATTTTGCATGAATTTGG  
AAAAGTGGGAAAGGAAGCACGGTTGATAGGATAATGTAATGATGTTAGAGTGAATTTATATTTATTTTAA  
ATATTAAATTATGTTATATTACAGAAATTTTGATTTGCAAAATTAACAAAAAACAACAGGACCCCC  
AGTTAATTTTGTATTTAGATAAACAGTGAACATTTTTTTTAGTATGAGTACATCATTATTTATCTGAAAT  
CTTAAGTGAAGTGGCCATCCTGCTTTTGAGACTCCTGGTGTGTCGGGTCTCTGCCAGCTCTGTTACGCA  
GTGCTGTGCTGGATCACCAGACTCCTGAGTTAAGACTGTCTTTCTCAAACTGCAAAATTCACCAGGC  
AATATTAAACAAAGTAATTTCTTGCTGGTTAAACTTATTTATGATGTGCAATAGATTCTCATAATTTAA  
AAAGAAATATTTCTGGTTTAACTCTGACTTTTTCTTTTCACTTTAAGATGGTTTATGTGTTCCCAAAG  
AGATTTTCTTCTACTGTTTTTGTATAGCATGAAAATATAAATGTAACTTTTCAAAATAAAATTT  
ATGTCAAAGTC

>GBEQ1016 |Acc|CD468262|Ver|CD468262.1 GI:31389530|LeukoS3\_2\_F10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F10\_A025 3', mRNA  
sequence.:Start:1:Stop:406

CCGAAAAATTGGAGCAAGAGTGTATCCCCCTTCCAGAAGACCTGGTGGGAAGTGACCCCAAAATGGTCATG  
ACGGTGTGTTGCTTCCCTCATGGGGAAGGCATGAAGAGGGGTGTAGCCCTGTGGGGCGGGGCTGGAGGCG  
CATGCTGTTTCCCTGGTGTGTTTCTGGCTGTTCCCTGGATGCTCCCAAGAAGCGGGGGAGGGTTCAAG  
CCGTTCCAGAGTTTTCAACTTGGTGCCATTATCCAAGATTCCAAAAAGTGTATATTTGTTACGCCAAGTA  
CCCTTTTCTGTATTTAACAAGAGTGCTTAATTTTTTGCAAAAGCCCAATTTTTTACAAATATTTTTTT  
ATCATTGAATTTATGCTTGGAAAATCTAGAGAAAAAAGACCCCTATTTTCCAGGC

>GBEQ1017 |Acc|CD468261|Ver|CD468261.1 GI:31389529|LeukoS3\_2\_E01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_E01\_A025 3', mRNA  
sequence.:Start:1:Stop:511

CTGTCCAGTTTCCGGCAACTGTATTCTTCTTCTACATTGGTTTCAAATCGCTTTCTGCCTGGTGATGGG  
ACTCCTGTTTGCAGTGGATACAGGGCTGTATGTTTCTGTGCAGAGAGCCCTTCCAAATCAAAGGAGAGC  
ATCCTGGCCTATCCATTGGTGATGTTGCAAGAACTGGGAGAGATGTGAATAACACTGCTGCAGATGA  
CAAGCAGCCTTATGAAAAGAGGCTGCTAAGCTGAAGGAGAAATACGAAAAGGATATTGCTGCATACCGA  
GCTAAAGGAAAACCTGATGCAGCGAAAAAGGGAGTTGTCAAGGCTGAAAAAGCAAGAAAAAGAGGAAG  
AGGAGGAAGATGAGGAAGACGAAGAGGATGAGGAGGAGGAGGAAGATGAAGAAGATGAAGATGAAGAAG  
AGATGATGATGATGAATAAGTTGGTTCTAGCGCAGTTTTTTTTTCTTGTCTATAAAGCATTTAACCCCC  
TGTACACAACCTCACTCCTTTT

>GBEQ1018 |Acc|CD468255|Ver|CD468255.1 GI:31389523|LeukoS3\_2\_C09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C09\_A025 3', mRNA  
sequence.:Start:1:Stop:705

ATGCCTCGCGGTCCTCCATGGGCATGGACATATCAGCCATCGATTTGATAAACATCGAGAGCTTCTCCAG  
CCGTGTGGTGTCTTTGTCTAGAGTACCGCCAGAGCCTACACACTTACCTGCGATCCAAGATGAGCCAAAGTA  
GCCCCAGCCTGTGAGCCCTAATTGGGGAAGCGGTAGGTGCACGTCTCATTTGCTCATGCTGGCAGCCCTCA  
CCAACCTGGCCAAGTATCCAGCGTCCACAGTGCAGATCCTTGGGGCTGAAAAGGCCCTGTTTACAGAGCCCT  
GAAGACAAGGGGTAAACACCCCAAAATATGGACTCATTTCCTACTCTACCTTCATTGGCCGAGCAGCTGCC  
AAGAACAAGGGCCGCATCTCCCGATATCTGGCAACAATGCAGTATTGCCTCACGAATTGATTGCTTCT  
CTGAGGTCCCCACAAGTGTATTTGGGGAGAAGCTTCGAGAACAAGTCGAGGAGCGGCTGTCTTTTATGA  
GACTGGAGAGATTCCACGAAAGAACTGAGTGTATGAAGGAGGCAATGGTTCAGGCAGAGGAAGCGTCT  
GCTGAGATTACCAGGAAGCTGGAGAAACAGGAGAAGAACGCTTGAAGAAGGAAAAGAAACGCTGGCTG  
CAATTGCTGCCCTTGATCTTCAGAAAACAGCAGCAGTACCCCGGAGGAGTGTGAGGAGACAAGTGAGAG  
ACCA

>GBEQ1019 |Acc|CD468247|Ver|CD468247.1 GI:31389515|LeukoS3\_2\_D12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D12\_A025 3', mRNA  
sequence.:Start:1:Stop:731

TCAAACCTGACTTGAGGTTTTCAGAGTGGGCCATTGGTGCCTCCAGGAGGCTAGTGAAGCGTACCTCGT  
GGGTTTGTGTTGAAGATACTAATCTGTGTGCCATCCACGCTAAGAGAGTCACCATCATGCCAAAGACATC  
CAGTTGGCTCGCCGATACGGGGAGAGAGAGCTTAAGTGAAGGCAGTTTTTACGGTGTGTTGTAGTAAAT  
TCTGTAAATACTTTGGTTTAATTTGTGACTTTTTTTGTAAAGAAATGTTTATAATATGTTGCATTTGTA  
CTTAAGTCATTTCCACCTTTTCACTCAGGATGAATGCGAAAAAGTGAAGTTCACAGACCTCAGTGATGTGGG  
CACTGTTGCTCAGGAGTGACAAGTTGCTAATATGCAGAAGGGATGGGTGATATTTCTTGTCTTCTCATGAT  
GCATGTTCTGTATGTTAATGACTTGTGGGTAGCTATTAAGGTACTAGAATTGATAAATGTGTACAGGGT

CCTTTTGCATAAACTGGTTATGACTTGATCCAAGCGTTTAAACAATTGGGGCTGTTAAGTCTGACCATA  
CATCACTGTGATAGAATGCGGGCTTTTCAAGGGTGAAGATACGAGTCTTAACCACAGTGTAACCTTACAG  
TTTCCTAAAAAAGTAAACCTGGCAGCTATAGAATACACTATGTGCATTTATAATAGCTATTTT  
ATATATTGTAGTGTCAACATTTTAAATTAA  
>GBEQ1020 |Acc|CD468246|Ver|CD468246.1 GI:31389514|LeukoS3\_2\_C03.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C03\_A025 3', mRNA  
sequence.:Start:1:Stop:453  
TTGAGGGTTCCGTGCTGTTCCCGAGCCCTGACGTGGATGGATAAGCTGGTGGTGGAGTACGCCGACGC  
CATCTGCCAGTGGGAACGTAACAAGTCTCAGTGCTCCGACACCGAGCAGGTGGAGGCCGACCTGGAGTGA  
GGCCTCCCGAAGTCTGCCGCACTCCAGCTGCCCTCCCTGGAACCGACCTCCTTCATCTGCTGTTTCAGG  
TCCCCCTCTCCCCAGTGACCTGGATCTGACCTCACACCATCAACGGGGACCACCCACAGGCACACCT  
GTGCTGGAGTAGGCGGCTGTCCCTGAGAGCTCCAGGCTATTTGTGCTTACTTACTGGTTTTCTCCATTG  
CGTTGTTAGCCATGGTGACAGGCACAGGGTTCCACCCCTCTGTCCAGTTTACCACCTGGTTGCTTTT  
AAGCCAATTACATCTAGTTTCCCTATTAAAAAT  
>GBEQ1021 |Acc|CD468244|Ver|CD468244.1 GI:31389512|LeukoS3\_2\_D10.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D10\_A025 3', mRNA  
sequence.:Start:1:Stop:444  
CCAAATATTGATAAGGCCCATGCCTTCGGAAGTATTACTCCAGGCCAAGGAAGCTCCAGAACCAATGG  
AATTGATGGCCCTAAAGGAAGTGGATACATCAAGACTGAATTGATTTTTGTGTTTGAAGTGTAAGTGAA  
CACAGAAGAGTGCCATGTTTAAAAACCTCAGGCTGGCCCTGCTCCTGGCTGGGGCTGTTGAAGATGCTC  
GCACTTGGCTTTTTCATTGTAATTGCTGCCGCCGCCATCACAGTTGAACTTGTTGGAAAGATCCTAATT  
GAGATGCTGGTATCACTGCTTATCAGCATTTTGTGCTGCTTTATGAAAAAGAAAAAAAAAAAAACCCAA  
GAAAACAAACCAAAAAAGAGTTGTATTAAAGGTTTATAAGTTCTTCCCAAGCTGATACCTTTGAAAAAGT  
GTGAATAAAATGAACAAAAAGGGG  
>GBEQ1022 |Acc|CD468149|Ver|CD468149.1 GI:31389417|LeukoS3\_1\_B02.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B02\_A025 3', mRNA  
sequence.:Start:1:Stop:571  
AATGCAGTTTTTGGGAAGTAACTAGTCATGTTTAAACCAGATAATCCATAGGGATGGAGGGGTCCTTTTT  
GAAACAAAGTGCTATTTCAGTTATTAACCAAGTTACTTATTTTTGGTTTTCAAAGCAGCTGTGTTCCCTGAT  
GAGTACTGAACAAATGTGTGTAATTTCTGTGCCAGACTTTTGACTTTGTTTTCAAGCACTGTAATGTGG  
GATGGATGGTTAGAAACAATAATATATTAGGGTTTCTATTAAACCTTTTCAGGACTGAACGTGATCTCCT  
TTCATTAATTTTGCCTGTGTCTGTGATAAATGTTTGCCAGCATTCAGTACTGTGTTGGTCCAGATGTAGG  
TTTATATGCTCATTTTGTAGCTTATTTCTGTACCTTCAGCATGCTGTACGCATTGAGTCCCTTAAGGGGTT  
TATTTTACAACTGTGCGCCTGTAAGGTTTATTAGCAATAAGATAGAAAATTGAGCAAGTTTATACCATA  
ATTTTGTAGAAAAAAGAACTGCTCAGTTCCATATTTTCATCCATGAGAACTTGCAATATGGGCAGTTTC  
GAGGAATAAAT  
>GBEQ1023 |Acc|CD468144|Ver|CD468144.1 GI:31389412|LeukoS3\_1\_F09.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F09\_A025 3', mRNA  
sequence.:Start:1:Stop:555  
ATTTTCATGTATATGAAGCTTTTGTAAATATGTTGTATACTCTGTTGGCTGTGTGAAGTAACTAAACT  
CTAATGAACACTTTGGAGTCCACGTTAGTGTAGGAGGCCAAAGTGGGAAGGGCTTTAGGGCACTGATAAA  
GGCCCTAAGTGTACTTTCAATCCTGTGTAATGTTTAACTTCTGCAACTGAATCAAAACAGTGTTAAATT  
ATGGCAATATTTGCACTTTGGGAATGAGTACATAACTGTATGATCACATTCTGCAATGCCACTTTTAAA  
GCTGTTAATAGACTTTGCACCTTTTCTTTGACGAGGATGTGTCATATTTAAATTTTACATTTCATCATGG  
CTACAGGTAGAACTGGGGAGGGGGGAATGTAATTTTTTATGGGAATTTTGATATGAAAAGAACTAGTCA  
TTTATTTATACAATAGGATTGGCTCAAAAAGTGTTTTTCAGACTCGGTATTCCTAATGTGGGATGTGACT  
TTATTTTCTTTTGTAGTACAAATTTGGATGTAGACTGACAGACATAGCTGAATGTCTTAATAAAT  
>GBEQ1024 |Acc|CD468143|Ver|CD468143.1 GI:31389411|LeukoS3\_1\_H12.b1 A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H12\_A025 3', mRNA  
sequence.:Start:1:Stop:642  
CATTCTTTCCCTCCATTTCCACCCCAACATAGAGTAGTATTTGCTTTTTAGTCCATTTTGTTTTCAATAC  
AATTTAATATCGATCAGAGTCATTCTTTGTACATTGAAATCAGGGGCTTGGTTTTAAAAAACCTTCCC  
GCGACCCCATACCCCTAAACCAACCAGGAGTGGGAAGGTACCACCGCTGGTGCTGCCCTTCCCTCCCACAG  
CCTGTAACTTAATGTTTTGTACTTCACTGAATTGTGTAGTGGTTAGAACTTCGTGTATAGTTTGTGGAAT  
CATGCAATTAACATATTGCTTAAACCGTGTGGCTGACTTCAGAGCTAAGCCTAGGCCACCTTTGGGA  
AGCCTGGGCCACCCCTCTCTCCACTGCTTGCTTCTGGATGTGGCATCCTTCGAAGCCCCAGGTGAGGCAG  
GGAGGGCATTGGGCACACGGAGCAGTTACTCGCTGCCCTGACATCCCATGGTGTGTTGGCATGTGTTCTCC

CATTTGACCCATCCGCGTGGCATGAGGCGCCAAGCCACCCAAACCTGTTCACTTTCCAAAGAGCTAGCCA  
TCTCCACCCAGTACCATTTGTGTCTAGCCTGTCTGCGTTTGTAGCGGTAGTATTCTATATGTGTAATAA  
ATTTTAAACCT

>GBEQ1025 |Acc|CD468140|Ver|CD468140.1 GI:31389408|LeukoS3\_1\_G11.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G11\_A025 3', mRNA  
sequence.:Start:1:Stop:636

GGAGAGGAGACAGAGGGAGGGGAAGCTGCTGAGGAGTGGGGAGAAGCTGAGCCCAGCCCCTTCCAAGTGG  
CCATCTATCTGCCCTGGAGAGAAGGCACCACCTCCCTGGACTCCTCCTCGGCTGCCCTCCGACTGCAAAG  
GCGGCTCAAGTCCACAGAAACCCCCACCCGGGATCTGGAGCCTGAGACCCCGCTAAAGGCCAGAAAGGTG  
TGCTTCTCTGAGAAAGTCAACATCCATTTCTGGTTCGTCTGGGCGGGACAGCCCAGGCTGCCCGCCGGG  
GTCCCTGGGAGCAGCTCGCCCGGGATCGCAGCCGCTTTGCCACCGCATCGCCCGGGCCCAAGAGGAGCT  
GGGCTCCTGCCTCACCCCTGCTGCCCGGGCGAGGGCCTGGGCACGCCTCAGGAACCCCTCCCGCTTCTCTG  
GCCACCATACTGCCGCTACCCATGCCTTGACAGACATCTCCATCCAGGCCATGCCCTTGAGCCATGCTG  
TGGCCTCTCCCTCCCTCCTTACGTGTCTCTATCTCCTTGCCCTGGACCTCAGTGGGAGGCGTGGCTAAGA  
TCATGTGGTTTGCATGTTATTAACCTATTTATTTTAAAGTGTGGTTTATATAAGGAATAAAGCCTTTT  
GATTGT

>GBEQ1026 |Acc|CD468139|Ver|CD468139.1 GI:31389407|LeukoS3\_1\_F02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F02\_A025 3', mRNA  
sequence.:Start:1:Stop:602

TCAGCACATGCTCACTGTTCTCCCATCCTTGCTCCTTCCCATGTTCAATTAATTCATATTGCCCTGCGCCT  
AGTCCCATTTTCACTTCTTTGAGCGCTCCTAGTAGTTATGTTAAGTCTTACCCTGTAATTTTGTCTTTTA  
ATTTTGATACCTCTTTATGACTTAACAATAAAAAGGATGTATGGTTTATCAACTGTCTCCAAAATAAT  
CTCTTGTTATGAGGAGTACAGTTCTTTCCATTCATACATGAGTTCAGTAGTTGCTTCCCTAACTGCAA  
AGGCAATCTCATTAGTTGAGTAGCACCTTGAGAGCAGCTTTGAGTTAGAGGTATGTGTGTTATACCCAC  
ACAAGAGTGCTGTGTGGGGCTGTTCAACACAAATGTAACAATGTATTTTGTGAATGAGAGTTGGCATGT  
CAAATGCATCCTCTAGAAAAATAATTAGTGTAATAGTCTTAAGATTGTTTTCTGAAGTTGATACTGTGG  
GTTATTTTGTGAACAGCCTGATGTTGAGACCTTTTTTCTCAAAATAAACAAGTCCTTATTAACCAG  
GAATTTGGAGAAAAAAACCCCTGGTTTTTTATTTTGTATTT

>GBEQ1027 |Acc|CD468138|Ver|CD468138.1 GI:31389406|LeukoS3\_1\_G04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G04\_A025 3', mRNA  
sequence.:Start:1:Stop:500

TTTCCTAAATAAGTGTTATAATGTGGGATTAATTTAGTTTTTAATTATAAAGTGGGGTTTTAGGCCAAAAAT  
GAAAAATCCAAGATACAAAGTCCAGAGTAGCATTTTGTGCTGTCTCAGGCCTTTGTAGCTTTCACCAT  
AAAAGTTATTAGATGCAACTCTTGTGGATAAAAACCTAAATTTTGTACAATAAGATATTCATGTTTGCAT  
GACAAATATGGGAGTATTTGTGAAAAAGAAAGCATATACCAGCTTATTTCTACTTAATGAAATGTGTGTT  
TAGGGGTACTTATCATGGCCTAACATAAAGCTTGATGATGACTTCCTGATTTTCTGAAAAACAGATGAT  
GGCTGTGCAGGACTTAAATAATATCCATTGAACGTGCTGCCATAACCTAGATGATTATTGGTAAAAATAG  
TCACTTACTTCTAATCTTAAAGTTTATAGTATATATTAATATAGCTGAAATTATATGTAACCAATAAAA  
CCACTCTTTT

>GBEQ1028 |Acc|CD468134|Ver|CD468134.1 GI:31389402|LeukoS3\_1\_A07.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A07\_A025 3', mRNA  
sequence.:Start:1:Stop:673

ACCAAGAGGAAGCAGGGCACCAAGTCGGCGGAGGAGGAGCTGGCCAAGGCCGGCTGGTTGCTGGAGCTG  
CAGCATCTGACGCTGGGAGCGCAGATCGGCGAGGGCGAGTTCGGAGCCGCTCCTGCAGGGCGAGTACCTGG  
GCCAGAAGGTGGCCGTGAAGAACATCAAGTGCAGCTGACGGCTCAGGCCTTCTGGACGAGACGGCGGT  
CATGACGAAGATGCAGCACAGAACCTGGTGCGGCTGCTGGGCGTGATCCTGCACCAGGGGCTGTTTCATC  
GTCATGGAGCAGCGCAACCTCGTGAACCTTCTACGACGCGAGGCCGGCCCTGGTCAACACGCGCGAGC  
TCCTGCAGTTTTTCCCTGCAAGGTGGCCGAGGGCATGGAATACCTGGAGAGCAAGAAGCTGGTGCACCGGGA  
CCTTGCCGCCCCGAACATCCTCATTTCCGAGGACCTGGTGGCCAAGGTGACGCACTTCGGCCTGGCCAAG  
GCCGAGCGGAAGGGGCTGGATTCCAGCCGGCTGCCGGTCAAGTGGACGGCGCCCGAGGCTCTCAAACAAG  
GGGTGAGCCCCCTCGTCCAGGGCCCTTGGAGCCCCAGCTGTGCTGTGTGACCCTGGGCATGTCTCTTG  
GCCTCTCTGAACCTCCAAGGAAGTTTGCTCACCAGCGAAAA

>GBEQ1029 |Acc|CD468130|Ver|CD468130.1 GI:31389398|LeukoS3\_1\_D12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D12\_A025 3', mRNA  
sequence.:Start:1:Stop:694

ACAAGAGACTTATTTAACTAGATGACAAATGACTATTTTTGTTTTTATTAAGCTGACATGCCTACCAAGA  
TTTAATCTTTTATGATTGCCTTTTATAACTTTTTATATTCTCAGCAGAGAGCTTTACCTGTTGAAGTAA

GATGTGATAGACTCAAATTACTGAAGCAGAGTGGCAGTCTCAAAGTATGCAGAGTGAGGTGTTCTTTTA  
TATGCCTAGAATGCAGACTTCTAAGCTTTTGCCCTCAGCTACAAATTTTTTTTTTGAAGATGCAGTACCGA  
TGTTTCTTTGAATGGAGTTGCTGAACAGTAACATAGCTGTGATTTTATTTGAAACACTGATTTTAAATA  
TTTTGACTTCTGGAGGGTATATTTTATATAGCAAGACACTTAATATATAACACAACAGTGAAGTATTTTA  
TCTTCTAAATAATGCCTGTTTTATTTATCATTAACAAAACAATCCTAAGTGGCAGCCCTCGATTGTGAA  
AAAATTAAACTGTACTGGGTTGATGAATGTAGCCTTTATCAGACTATGTTTTGTTTCAGTTTTCTGTTC  
TGTGGATAAGTATTGGCTGGGGTGACTTGGTATCTAATGTGTAGTGTCTACGCATACAATTGATGGTGCCA  
AATTAGCACATCCTAATGCTTGCTGCTGATGCAACATATTAAGGTACTTTGCAGGAAATCCT  
>GBEQ1030 |Acc|CD468120|Ver|CD468120.1 GI:31389388|LeukoS3\_1\_D10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D10\_A025 3', mRNA  
sequence.:Start:1:Stop:514  
TTTGAGTGAACAGAATATGCATTATTAAGCAAAAATAAAATAAAAGTAAAATGCAAATGAAAACAAGGGG  
GGGAAAGTTGTATTATTTCCCTGCACTGGGTTATCTGTGTGTGTTATTGTTAAACTGTACTCACATAATG  
TCATTTCCTTGCTTTCTTGTAAATCCCTTCCTCAGGTCCAAGAGAATGGGGAGAGGCTCTTGTGAAGTG  
TAGCCATTGGGTCTTTCTTGCAATTTATGGAATTAATCTTTTCCATCCCCAGGAACTGGTGTGTTGCTTGT  
TCTCTTTATCTCTGTAGCAATGAACAGTTCACCCCTAGACTATGTAATTTTCTCATCCTTAGCTAA  
AAATAAGGGGTATACTGCATTGCAAGATTGTTTGGGGATTGGGGGGGTGGGAGTGGTCCCTTAATGGCCC  
TTGAAGATGTTTTATGTGTTTCTAAAGCTGCTTTGTCTACTTCTGAGTTTTAGATTGAACTACTAA  
ACATTAATAGATTTGCCCCCCCCC  
>GBEQ1031 |Acc|CD468110|Ver|CD468110.1 GI:31389378|LeukoS3\_1\_B04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B04\_A025 3', mRNA  
sequence.:Start:1:Stop:613  
GCCGGAGAGCGTTGCAATAGTGGTCATCCTGCCTGCAATATTTGAATTTTAAATCTAAATCTATTTATT  
AATATTTAATATTTTACATTATTTATATGGGGAATATATTTTAAACTCATCAAAGTATTTATAATAGCA  
ACTTTTATGTAATGAAAATGGGTATCTATTAATATATATATTTTATAATTCCTGTATGGTGTGACTAT  
TTCACTTGACCCTTTTTTTCTGACCAACTAGGCAAGATTATGTGATTACAAGGCTTTAACTCAGGGGCC  
AACTAGGGAGTGGGTAGCCGACCTACCAAGACCCCTGTGAGCTGTGTGTTTTATTTCCCTCAATGATACAAT  
GAACACTTATAAAGGAAAGGAGGGCCTCCAGTCACTGCCTGTTGGAGAACATGTCTGCATTGTGAGCCAC  
TGCTTAATGGCATGTCAAACACGCTTGAATGTGTGATGATAGGGCTTGTCCCTGATAAAGCTTAGT  
ATCTCCTCTCATGCCTAGTGCTTCAGAATATTGTTGACAACTGTGACTGCACCAAAATGGAAAGTAATTT  
ATTTGTTTTAGTTTACCAATATTTAATAAATATGAATAAAGTATAATTTTCATAA  
>GBEQ1032 |Acc|CD468109|Ver|CD468109.1 GI:31389377|LeukoS3\_1\_C06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_C06\_A025 3', mRNA  
sequence.:Start:1:Stop:636  
AGTAGAGGAGAGAAATGGAACAGATTGTTATAGATGTAATAGATGTATCTACAAGGGGCTCTAGCAGTG  
TGAGAGAGGGAGGAATTGGACTTCTCTGCATCTTTGGTTGTAGTCTAGAGGTAAAAATCCAGCCTTTCA  
ATGAAAGTCTATTCTACAGAGTACCTTGATGCTGAAAACCTATTCATATCTCCTGTTATATTCTAGGACA  
GGGAAATTAATTTGAGAGAGCATTAGGGAGGTTGGGTGTCTGCCAGAGTCACACAGTTACTAAAATGG  
TAGAACCGAGGTCTGAACCTCTAATAACAGCAATCTTTCCCTTAAGGTTATGGGAGAACCAATGGAATATG  
CTCTTTGTAATGGGTCTGGAAAACCTGTCTGCAGCTACTTCTTTTACAAACAGTGATCTACACAGCAGAAG  
TTAATCAAGTTTGTGGTGCGATGTGTAATCCAAATAAAATAAATGCATTTGCTAATAAGCCTTTTTTCT  
TTTTTTCAGGCTTGAAGATTCTCATTTGGATTGACTAGTTCCAAATTGTGCTTACTCTTTAATACTTA  
CATACTTTTATGCTTTATGCACATAAATCAGGAAGCTGTACTGATCTTAATACAAATATTAGCTTTCTTA  
TACTCT  
>GBEQ1033 |Acc|CD468106|Ver|CD468106.1 GI:31389374|LeukoS3\_1\_H02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H02\_A025 3', mRNA  
sequence.:Start:1:Stop:548  
GTAAAATATAAAAATACTGTATATTCCTGTTAGAAATAGCTTGAAATATACATGCAATTCATATATGAAA  
GATTTTCATTTCTTACATGCAGGAATGTAAGTGAATGATGTTACTGATATTGTTAGCAAAGAGAATTTCA  
TAACAGTGCATATCAGAGCTTAACTTTGTTTCATTTTCAGTAATGTTTTTCAGCCAGTCTCTTCAGGAATGA  
CAGTTTCTCTTACCTCTCTCTCCCTTTTATTTGGGTATCTCTGTTCTTTTTCTCGGTTTAAATGGAGTT  
ATAAAGTACTTATATTTTAAATACAATTTCTAGACAGGGTAAGGGAGAAAAAAGCAAAGTTCATCCA  
TTTTGACTTCTGTGGAAAAGGAAGTGGAGAAATCAACCCCTTTGGATACATTTGGGGTAAGAAACCTTTGA  
AGTTATCTGTTCTGTGAAAATAAAGTTTCAGGAAATCTGCTTGCTCCTTTTCTTATAGGAAATAGTTTCA  
CAGTTAATTGAAAATAGTACACCATTCCGAGACAAGACAGAATTTGCTCAAGATAAAT  
>GBEQ1034 |Acc|CD468105|Ver|CD468105.1 GI:31389373|LeukoS3\_1\_A10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A10\_A025 3', mRNA

sequence.:Start:1:Stop:650

AATACCTATAATATTTTGTCAAATGCACTAAACATTTGGGTTGAACCTTTCTGTCTTTTTATTTTGTGGG  
AATTTTGGTTCTGCCCTTTATTTGGGGAGTGGTAATTTCTGAGGGTTTAATGTGCCCAGAAGCTGTTGTGGC  
TGGCACTTGTACGATCAACAACAACAAAAAGGTAGAAAAATATCCCTACTGACCTAACTACCTGTAA  
TATATTAGGGCTTTTAAAGATGAGCCATTAAAAATAGAAATGATCCTTCATGGACCGAAACTTGAATCACT  
GCAAAATGAATCTAGTTTGTCTCACTTTCTTTTCTTTTCTTTTGGGTGGCGGGGCTTGGTGTAGATTTT  
ACTGTATGTACAGAATTTAATGTTGAATATATTAATAAATCTGGCATGGTTTGGGGAGGTTAGATTTA  
CTGGAAATGTATTCATACTGTGAATTGTGCTCTGATGGTTAAAAAAACAAGATTGTTAAGCATCCGTAT  
TAACAGTGGATGTAGAAAATTTTTCAGATGGATAAAATGTATATGGTACAGATGTAAAGTTTCTATGT  
AAAAAATCTGTACAACCTTTCTGTACAATATTGATTCTCATCTGGCATATTCTAATCAGGTTATAGGCCA  
ATAAAGTTTGGATTATTG

>GBEQ1035 |Acc|CD468104|Ver|CD468104.1 GI:31389372|LeukoS3\_1\_B12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B12\_A025 3', mRNA  
sequence.:Start:1:Stop:697

TCCTATGGATGACAACCTTAATTTGTGCGAGTGAATTTACTAAAGTTGACAGGGTCAGTTTGGGAAGATGCC  
TGGAAAGGAAAAAGGAAAGACTGATATGGAAGAAATTTATTCAGAGAATTGAAATGTTGTCTTAGATGCAA  
ATTGCAGCAGAGATGTAAACAGATGCTTTTGAAGCTTGTAGAATCCGGTCAAGTAAGTGGGGTAGAGT  
CTATGCAACCTCAACATACAGAGAAGCAACACCTGAAAAATGACCTAACTATTTTATGAATGAACCAACA  
TTTTATACATCTGATGGTGTTCCTTTCACTGCAGCCGATCCAGATTACCAAGAGAAATATCAAGAGTTAC  
TTGAAAGAGAGAACTTTTTTCCGATTATGAAGAAAATGGAACAGATTTATCAGGGGCTGGTGTATCCATA  
CTTGGATGATATTGATGATGAGATGGACCCAGAGATAGAAGAAGCGTATGAAAAGTTTGTGTTGGGAATCA  
GAGCGTAAGCGAAAGCAGTAGAGCTAAATTTTCAAGCATATCAGTTTATGAAGCAGTTTAGGTTATGTTGA  
TTTAGCAGAACACAGGAAAGCAAGAAAATGTGTCTACTTATACCAAAATGAGGATTTTGAAGTTATGTTA  
CTAATGTATGCAACTTTTAAATTTTGTGTTTAAACACTATCTGCCAAAATAAACTTTATCCCTATAACTAA

>GBEQ1036 |Acc|CD468101|Ver|CD468101.1 GI:31389369|LeukoS3\_1\_B03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_B03\_A025 3', mRNA  
sequence.:Start:1:Stop:518

GCTAGAGGAGACCTGAACAAGTTCAATTTTGCCAGGAACAGCACCCCTCAACTCAGCCGCTGTACCCGTC  
TCCTCTTAGAGCTCACTCGGGCCAGGCCCCCAATCTGAGCTGTGGCTGTCACTAGATGTGCCACAGCCCT  
CCTGCCCCCTCCCCCAGTCAGTATTACCCTGTGAAGCCCTTCTCTCCTTTATTATTCAGGAGGGGCTTT  
GGGGCTCCCTGGTCTGAGCATCACCTACCCCTTCTCCCTCTCTTCTCCCTCTGCACTTTGTTTACT  
TGTTTTGCACAGACGTGGGCCCTGGGCCCTTCTCAGCAGCCGCTTCTAGTTGGGGGCTAGTAGCTGATCTG  
CCGGCTCCTGCCAGCCTGTGTGGGAAGGAAGCCACCGGCACTGGGGGAGCCGAGTTCTACAATCCCGC  
TGGGGCGGACGGGGCGGGAGAGGAGGGTGGTGTCTGCAGTGGTGGCCCTGGGGGGCCATTTCGATTGCGCTC  
AGTTGTCTGCTGAATAAAAGTCTACTTT

>GBEQ1037 |Acc|CD468092|Ver|CD468092.1 GI:31389360|LeukoS3\_1\_H09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:674

TATAAACTAAAGGAGAATAAATTCCTGGTTTTTTGGAACTGATTTACCAGGTTTAAGTTGATTTTCATC  
TAACATTAATCAGAATTTTAATGTTTGGACTTCCGCTTTTCTAACTATCTTGTTTTCTTCAATATCCCC  
TTTTGAGGCTCTGGCAGTCCTCGTTTCTTACCCTTGCTCTTTAGCTGAAAGCTAACTTCATATGATGCA  
AAGAGAGAAATATCTTAGGAATTGGCCTTATGGAAAATGGAGAAGAACAACAGACAGTTTTACAGTAA  
TTTCCAAGATTTTGTGGTTTCATCTGAAGGCTTTGCAAAATTTGTACTATCAATATTTAAGACATTTTAT  
GTTTACTTACACTTAAATTTTATGTAATTTACATGTTTCTTCTTCTATTCTACATGAAACAGAACTTCA  
AGCTCTCTAAATATAATGAAGGACTGAATCTAGTGGCATTACCATGCATTTTCATGAGATGTAAGAAATGT  
CGCTTAAACATTTTCCTACACATTACATGTGTTTTCTGAGACATACCTCACATTTCAATGCCAAATGT  
TTCAGCACAAGGAACTAGAAATGGACATGTGTTGCAAAATATAAAGAATCATTTGGGATTTGAGGCAGAG  
AATTGGGAAATGTACCATAAATGGCAACAATAATAATGGATG

>GBEQ1038 |Acc|CD468088|Ver|CD468088.1 GI:31389356|LeukoS3\_1\_A08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_A08\_A025 3', mRNA  
sequence.:Start:1:Stop:730

AAGGTACATGAATGGAGTGGGTGATTTTCATAACATTTTTCATCAGAATGGAAAGAGAACTGTTTAAAG  
TTTGATACTTTTAAATTTTGTGTTTTTGGTTACTCTGGGAATGGTGATTTTCTACAGATATAAATTTGGT  
TTTTGATTCTGTAATCTGTATGCAGTTGAATATACATTACTTACTCTGTTGCGCTTAAATAGAATGGAA  
TGTTTACAGGCCCTTGAGATGATATTAGAGTATTTTTCAAAACCTTCTGAAAGACACATACCAAAGTT  
TTCCAAGAGGATTTATAACTGATTTAATGTAAGGTTTATCAGATTCTAAATAGTACAGTTAAGGCAAT  
TTTCTGTTAGAGACTATTTTGTAAATGTAGTGAATGGTACATTTATAAGAAAAGTGACTGCCAATATATTT



TTATAGTTAATCTTTATAAATCTAAAGTTGAGTTTTTAATGATTATTTTAAATGTTTATATAGTTTTAG  
TAAAAAAATATTTTGCATCTCTCAAAGTATCATTTTTATATATATGGGAAGTAAAGTTTCCAGATTGGCT  
AATATTTGAATTGTAAGTTTTGTATGCAGTTTATCCAAAGTTCAGAAATGCTGTCAGTACACCAAGTGT  
AACCTCTGTATTCCAATTTGTATACACTTTGTACTGCAAACTGTTGTGCGCTTCTTATACAATATGTAT  
CATATTGTCTATGAAATTAAGAACATTTG

>GBEQ1039 |Acc|CD468087|Ver|CD468087.1 GI:31389355|LeukoS3\_1\_F10.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F10\_A025 3', mRNA  
sequence.:Start:1:Stop:631

TTTGCAAATGTCCCAGGCCCTGGTCAGACCGGCAGGCAAGCCTACCACTTCAGAGAGATACGTCTGACA  
TGGCGACAGGCCTTGTGCAACAGCCACTACAAGCACTCAAACCTGAGAACTCTCTGCACGAGGAGAGCAAC  
AGTCCTTCCCTTTTGGTTTTTCCAGCCTTCCCTTCCTTATGTATTTCATTGTCTATTATTTTGTGGGG  
TGGGGTGGGAAGGGTTTTCTTTTCTTCATGTGTTTACTTTAATTGATACAAAACAAGACTATCTAATGTG  
AATGGTACACCGCAAGGGTTACAGTACCGTTGTGCAACATGCTGGGGTAAAGTGCGGGCAGAACAGATT  
GGTGAGGAGGCTAAGAGCGGAAAGTGCTGCCCTGCACATGCATTTCCGTCCTCAGAGTGCAGCACAAGAA  
ATGTGTGCTCGTTGCAAGAAAACTAACACAGATAAGGAAATAAAGATCACCAGTAATCTTTACCTCAG  
ATGTAATCCATTGTTACTATTATGGCGTACATTCTTCTGATTATTTTCTATGCATAAATGTAAATATA  
TCCTTGGCTTTTTTAAAGTGGGATTGCATTATGCTTTTATAAGTGGCTTTAATAAACAACATTTATAG  
C

>GBEQ1040 |Acc|CD468084|Ver|CD468084.1 GI:31389352|LeukoS3\_1\_F03.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:478

GGCGCCGATTACATCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGCGGACACGGCGGCTCAGATCA  
CCCCGCGCAAGTGGGAGGTGGCCGGTGAGGCGGAGCATGACAGGAACCTACCTAGAGGGCACGTGCGTGGA  
TTGGCTCCTCAGATACCTGGGAACGGGAAGGAGACGCTGCAGCGCGCGGACCCCTCCGAAGACACATGTG  
ACCCACCACCCAGCTCTGACCATGAGGTCACCTGAGGTGCTGGGCCCTCGGCTTCTACCTGCGGAGA  
TCACACTGACCTTTGTGCTTTCCCTGATGAAATGCTGTTGTCAGCAGAGGTGGGGCTGGGCCAGCTCCC  
TCCCTGTCTTAACCTTCGTGTTGCACTCACTAGTGATCATTTGCTTCTTACTGAAAATATGAATCCAGAT  
ATGAGTTTTTTTCTAATCTTTGTTGTAAGGGATGTGTTAATTAAAGAAGAAGATTCCCT

>GBEQ1041 |Acc|CD468081|Ver|CD468081.1 GI:31389349|LeukoS3\_1\_H04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_H04\_A025 3', mRNA  
sequence.:Start:1:Stop:564

TGGCAATGTGGCTGGTGACAGCAAAAATGATCCACCAATGGAAGCAGCTGGCTTCACAGCTCAGGTGATT  
ATCCTGAACCATCCAGGCCAAATCAGTGCTGGGTATGCACCTGTGCTGGATTGTCACACAGCTCACATTG  
CTTGCAAGTTTGCTGAGCTGAAGGAGAAGATTGATCGTCGTTCTGGAAAGAGCTGGAAGATGGCCCCAA  
ATTCTTGAATCTGGTGATGCTGCCATCGTTGATATGGTTTCTGGCAAGCCCATGTGTGTTGAGAGCTTT  
TTTGACTATCCCCATACCTGACCAAGACCCAGTCTTAATCAGTGAGTGGGAACGGTCTCAGAACTTTTTGCTT  
AATTGGCCATTTAAGTTTAATAGTAAAGACTGGTTAATGATAACAATGCATCGTAAACCTTCAGAAGG  
AAAGGAGATGTTTTGTGGACCATTTGGTTTTTTGTGTGGCAGTTTTTAAGTTATTAGTTTTTAAATCAG  
TACTTTTTAATGGAAACAACCTTGACCAAAAATCTGTCACAGAATTTTGAGACCCATTAAACAAGTTTA  
AGAG

>GBEQ1042 |Acc|CD468079|Ver|CD468079.1 GI:31389347|LeukoS3\_1\_F12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F12\_A025 3', mRNA  
sequence.:Start:1:Stop:599

GGTAGACTCTAGGAGCAACTCTTTGGATCAGAAGACTCCAGAAGCCAATTCCAGGGCCTCTAGTCCCTGC  
CCAGAATTTGAACAGTTTCAGATTGTTCCAACCTGTGGAAACGCCCTATTTGGCCGAGCAGGAAAAAATG  
AATTTCTCAATCTTGTTCCAGATATTGAAGAAATTAGACCGGGCTCAGTGGTCTCTAAGAAAGGATACCT  
GCATTTCAAGGAGCCACTTTCTAGTAACTGGGCTAAACATTTTGTCTATAGTCCGTCGCCCCGTATGCTTC  
ATCTATAACAGTGAACAAGACCCAGTGGAGCGTGGCATCATTAACCTGTCCACGGCACAGGTGGAATACA  
GTGAGGACCAGCAGGCCATGGTGAAGACACCTAACACCTTTGCTGTGTGCACAAAGCACCGGGGAGTCCT  
TTTGACAGGCTCTCAATGACAAAGACATGAATGACTGGTTATATGCTTTAACCCTCCTTGGCTGGGCACA  
ATACGGTCAAACTCTCCCGCAGATGCCCCAGCCAACCGAAGTTCTAAGTGAATCTGCTGAGCGACTCTG  
CTGAGCGCCCTCACTCACTTCCAAGAGATAAAGAAAGT

>GBEQ1043 |Acc|CD467996|Ver|CD467996.1 GI:31389264|LeukoS1\_8\_H11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:672

CAAAGTCCCCNTGAAGATATCCCATCTCGAGCACCTTTGTCTCCCCAGCTGTGCCCTGCCCTCCCTTCTCTC  
GAGTCTCTGCTGGCCAGTCCAGAAACATACTGCCTAGGATCATGTGTGTTTCATGGATCACTCGCCCCAC

CTCAGGAGCACAGAGAGTCTGACTATTTATATTCTAAAACAGACCTGTTTACTTTTCATAGGACGTCTGA  
TGTGTTTCAGATAGGAAGGCCCTGAGAGGTACTGATGCTTTCTGCCCTCCGCCGACAGCCTCTGGGTTCT  
CTGCAGGAACGAGAGGAAGCAGCTATCTTGTGCGCCCTCTCCAGTGACCTCTCCATGTTCCACCCACAAC  
ACTAAGGCTGCCCTGTCTGTCAAAGGAAGTCCCTCCTGTCCTTGCCCTCCTTGCATGACAGCCCCCTCCCCAC  
GCTCTTCTCTGTGCACATGCGCACACACAGGAGAAGCCAGGCAGATGGCAATCCAGTTTTCTTTTAA  
GGGGAAGAAAAATGGGAAAAACAGATTTTTTTAAAGTCCACCTGACCCAACTCTATTTAATATGCCTCTC  
CCACATATCACCACCCAGCCTGATATTCTCCCTCAGGAATCCTCTGAAGTGTTAAGTTGTAGCCCTCAA  
ATTTGCAACGTGTATTTTTCTAGGAGAGTAAAGTAACTTTAC  
>GBEQ1044 |Acc|CD467993|Ver|CD467993.1 GI:31389261|LeukoS1\_8\_D07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:690  
AGTTTTCTTAGGGCTTCCTTTGGAGTTTCTAAGAGTTAATTTCTTTTGGAGTCTTGACACTTATTTTCG  
TCATCATTTTGGAGTTTGCCTAGGTGTGAGGCATTCTCTGAGGTTGGGGTGTCTTGCCAGACCGCGCTTC  
ATGTAGGTGTTGTGGCATCATTACGTCTCCCCACACTCTTAACGTGAAATGCTGATCAAAAAGGAATTTG  
CCTGTGACAGGTTTAAAGAAACGAGAGGGGACTAGGTGGGAAACGGGCCTTGCAAGATTTTAAACTGATTC  
TGTTTGTTTAAGGCCTGCCGGAGACAGGACTTCTAAAACGACAGTATGTCTGGAAGGCTGTGGTCCAA  
GGCCATTTTGTCTGGCTATAAGCGGGGTCTCCGGAACAGAGGGAGCACACGGCCCTTCTTAAATTTGAA  
GGTGTTTATGCTCGAGATGAAACTGAGTTCTATCTAGGCAAGCGATGTGCTTATGTGTACAAAGCAAAGA  
ACAACACAGTGAATCCTGGTGGCAAACCTAACAAAACAGAGTAATCTGGGGAAGGTAACTCGTGCTCA  
TGGAAACAGTGGCATGGTTCGTGCCAAATTCGGAAGTAACTTCTGCGAAGGCCATTGGACACAGAATC  
CGTGTGATGCTGTACCCTTCAAGGATTTAACTTATGAAAAGTAAATAAATAAATAGTAGG  
>GBEQ1045 |Acc|CD467991|Ver|CD467991.1 GI:31389259|LeukoS1\_8\_D10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D10\_A023 3', mRNA  
sequence.:Start:1:Stop:545  
CCCCAACTCACATACACACTTACTTACCAAGTGTCAAGCTGGATAAGAAGTGGCTGAGTTGCTTTATGC  
AGAGCTAATTTACTGGATAATTCAGAATTCCTCAACAAAACAGAGGAACAGTGTGAAATTGAGCAGCC  
CTAACAGGTTATATGATTTCCGTGAAAACCTACCAAAGGCCAAAAGCAACAGAGCATTGTAAACCAACA  
CTAGACTCTCTCCATCGCGCTGAAGGACTTGTGATGAGCAATCTTCTTTAGGGGTGATATGTAACGAAA  
TTAGCCATTTTCAAAGCAATTGAAATGTATCGCCCTGGATCTGTGCTTGGCAGTGGGCTCAGGAAGCC  
AATGTGTGCCCTTCTCCAGCCCATAACTGTATTTCTGCTGCATCTGAATGCAAAGTGGTTGGCTTTGTCT  
TTAATCTGCACCTTAATGTAGCCTCAGATGATTCTCCCCCATCTGTCTCCAGGAAGAATGTTACTGCCCTTA  
ATGGAAAGTGAAGATAAAATAATGCTCAACTTCTCTCCAAATAAAATGTTCCCGT  
>GBEQ1046 |Acc|CD467990|Ver|CD467990.1 GI:31389258|LeukoS1\_8\_E12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E12\_A023 3', mRNA  
sequence.:Start:1:Stop:686  
GATCCATATGGTCAGAAAGGACTGAAAAATTTGTGATGTATTTGATCCCATACAAAGTCGTGGACAAGCT  
GTGCTCCTCTTAACATTTCGTAGACACCAAGTCTGCGGTCTGTGAGCTTGGTGGTTATTTGTACATAATTGG  
AGGTGCCGAGTCTTGAATTTGTCTGAACACTCTATAACAAGAGACTTATTTAACTAGATGACAATGACTA  
TTTTTGTTTTTATTAAAGCTGACATGCCTACCAAGATTTAATCTTTTATGATTGCCTTTTTTATAACTTTT  
TATATTCTCAGCAGAGAGCTTTACCTGTTGAAGTAAGATGTGGTAGACTCAAATTAAGTGAAGCAGAGTGG  
CAGTCTTAAAGTATGCAGAGTGAAGTGTTCCTTTTATATGCCTAGAATGCAGACTTTTAAAGCTTTTGCCT  
CAGCTACAAATTTTTTTTTTTGAGAAATGCAGTACCGATGTTTCTTTGAATGGAGTTGCTGAACAGTAACAT  
AGCTGTGATTTTTATTGAAACACTGATTTTAAATATTTGACTTCTGGAGGGTATATTTTATATAGCAA  
GACACTTAATATATAACACAACAGTGAAGTATTTTATCTTCTAAATAATGCCTGTTTTTATTTATCATTA  
ACAAAACAATCCTAAGTGGCAGCCCTCGATTGTGAAAAAATAAACTGTACTGGGT  
>GBEQ1047 |Acc|CD467987|Ver|CD467987.1 GI:31389255|LeukoS1\_8\_G09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G09\_A023 3', mRNA  
sequence.:Start:1:Stop:611  
GAAAGCACAGGTACCCAGCCTCAGAATCACATCGCCAGCTGCTGCTGAGAGCACCAGTGAACCTAGAA  
CTCTTGACACAGAATGCCAAGTGGATTCCAGCCTCATGGCCTATCAAGATAACAGGCTCCTTTTTTCAAAC  
ATGGAAGCAATGAAGTGGAGACACATGCAGGACTTAACCTGTTTTTTCTTTTGTATTTGCTGTTGCAG  
AAGTGCTTTTCTTTTTCACATCAGTGTTAACCCTTCCTGTTACAGCACAACTCTTAGACTCCT  
ATTTGCACACTTTTATCTCATAAAGTCCCAGACAAATTTGTGCAATTGGGGATGTTTAAAAAAGAGTAGA  
GCATTTAAAGCAGAGGCTAATATACATAAATTAAGGACCCCTGGTCTGGTTTCATATAGCCAAATGTTAT  
TGCATTGATAGCATTTATTTAAGGGCTCTGACTTATGATTTTCTTAAATAGGAATCATTAATTTCTGATA  
AAATTTATCATAAAAATGCCATCTATTATCATCAGAGGCCACAAATTTCTTTATTTCTCAGATTGTTTAGA  
GCTTTGCTTCATTCCTGACTTTTTCTGCCAGAGTCTGGGTAGCTGAATAAAT



>GBEQ1048 |Acc|CD467985|Ver|CD467985.1 GI:31389253|LeukoS1\_8\_F10.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F10\_A023 3', mRNA sequence.:Start:1:Stop:716  
AGGAAACTTAGATTTAACGGGTGAGAAGCAGGTTTTCAAAGCAGAGAACAATCCCTGGGTAACCCCGATT  
GCTGACCAAGTTCCAGCTTGGCGTGTCCCATGTGTTTGAATATATCCGTTCCGAGACGTATAAATACCTCT  
ACGGCAGACACATGCAGGCAAACCCAGAACC GCCGAAGAAAAATAATGACAAATCGAAAAAGATCAGCCG  
GAAACCCCTGACAGCCAAGAACAATAAGGGGTGGCATGAGCTGGGCTTCTGGTTGCTTCTCTCATTAT  
GACTTCTCTTCTCTGCTCTATCCTACAAATAAATACAGTGTGTGTGGGGGAGGGAGGTTTCTTTTCA  
CTTCTCTTTCTAGTGCTTTCTACCTTACCTTTTAAATACTTTTGGTAGGTGCTAGATTTTATAAGTTC  
CTGAAACCATTTCCATTCATTTCTTAAATTAACAAAGGCAGGAAACAAAGCTGTAATCAACTGCAAA  
TTCCCTAATAGACAGGTTTCAGTGCCCTGAATAGATGTTTACAGAGTTGCTTGTATGAAAAGAATAA  
TTAAATCATGTAAATCATTTAAATGTACAGTTAAACACTGTTTCTCTCTGTTTATTCACATAACTCAT  
TATTTTGCTTTCTTAAAGTTTTCTTTTACCACCGAGATATTATGCTAACTTACAAGTGATATTAATAAA  
ATCTTGCATTTGTGTC

>GBEQ1049 |Acc|CD467982|Ver|CD467982.1 GI:31389250|LeukoS1\_8\_F03.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F03\_A023 3', mRNA sequence.:Start:1:Stop:545  
GGCAGGTGCTGGGCAGCCCCACAAGCCCGGGGCCAGGGCACTACCTCCGNTGCGACTCCACCCAGCCCCCT  
CTTGGGGGGCCTACCCCCAGCCCCAAGTGCTATGAGAACCTCTGGTTCCAGACCAGCCCCCTAGGTACC  
TCAGAACCCCTAGTCCCAAAACAGGAGGACGACTGTGTCTTTGGGCCACTGCTTGACTTCCCCCTCTTGC  
AGGCTCTCCGATCAACGGGGTGGAGGGGCTGGGGGGCTTCTAGGGTTTCTGGGACTCCCCACCTGGGC  
CTGCCTCTTGAAAGGCCCTGGGCCATCCAGAGAAGAGAAGGTGAGTAAAGCCATCACTAAAAACCACTCGG  
CCCCAGGAACGGCAGAAAGGCTCCCCGCTCCCCCATCCCTGGCCCCCAGCAACCTTCCCCACCAACCCC  
TCATCTCCATGGGCTGGGCCTCCCACTTCAAAGGCCAGAGAATGCTTCATCCAGCCCTGCCCACTAGCCT  
TTTGTGCTTATCTCCTGTAATATCAGTCCCTTAAAGTGATGTATGTTTGGTTTG

>GBEQ1050 |Acc|CD467981|Ver|CD467981.1 GI:31389249|LeukoS1\_8\_B06.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_B06\_A023 3', mRNA sequence.:Start:1:Stop:618  
TAGCAGAAGTCCGGGTTCCCAAGCAGACTTTCTGCTGACCCCTCTGTCACCCACTGCCAGTCAGGGCAGT  
TCTTCATTCTGCGTTGGCAGTCTGGAAGAAGACTCTCCCTTCCCTTCTTTGCCAGATGCTGAGGGTCTG  
GAAAAGCAAAAGCAGATGTGTGGCCCAAACTGCTCCAAAGAAAGATGAAAACAGCTTAATTCCTCCTGC  
CCCTGTGGACAGCGATGGGGAGAGTGATAACTCGGACCGTGTTCCTGTGCCAGCTTCCAGAATCTTTTC  
AGCCAAGCTATTGAAGCAGCCTTCATGAAGCTGGACACGCCAGCTACTTCGGATCCCCCTCTCTGAAGAGA  
AAGGAGGAAAGAAGAGAAAAAACAGAAACAGAAAGCTCCTGTTTACGACCTCAGTCGTCACACCAAGTG  
ACACTACTGGCCAGGCTACCTTCTCCATTGTTTCTTTTCCGTGCTTTTGTGTTTGTCTGCTGTAAT  
TTTTAAGTATTTGAGTTTGGACAGATTAGCTCTGGGGGAGGGGGTTTCCACAGTGTGAGGGGGAACCA  
GAAAATTTTAAATACAGTGTATTTTCCAGCTTCTGTCTTTACACCAAAATAAAGTAT

>GBEQ1051 |Acc|CD467977|Ver|CD467977.1 GI:31389245|LeukoS1\_8\_C04.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C04\_A023 3', mRNA sequence.:Start:1:Stop:200  
ACAGAAGCATCATTGGTAGCTTTTATATGCAATGGTCATTTTCCAGATGTATGGTGTTTTACTACTACAA  
GAAGTCCCCCATGTGGATATTTCTTATACTAATTGTATCATAAAGCCGTTTATTCTTCTTGTGAAGAATC  
CTTACTATAAATATGGGTTAAAGTATAATGTATTAGACAGTTAAATATTTTAAATAAA

>GBEQ1052 |Acc|CD467976|Ver|CD467976.1 GI:31389244|LeukoS1\_8\_D06.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D06\_A023 3', mRNA sequence.:Start:1:Stop:319  
GGAGCTCTCCAGGCCACCCCCAGTGATGCCCGGGGGGAAACAAAAGACAAACTAGACCGACAGACTCCC  
AGCGCTGTGTCGCCAGGGGCCACCCCTGAGCCCCACCGTGAGTGAACCTCCGGTCTGACGGGGCTGGGA  
AGAAAAGCAGAGTGAGAGACAATCGCAGAGAGAATCAGACTCCCATCCGCGGGCCTTTCAGTTCTCCCTA  
CAGTGGTGGTACGCCCTGCTCCCTGACGAGTCTACTGTAACCTACCGATCTTCTACTTGGTTAAGACAGTT  
TTGTATCATTTTGTAAAAATTATTGGCTTAAATCTGGT

>GBEQ1053 |Acc|CD467973|Ver|CD467973.1 GI:31389241|LeukoS1\_8\_E04.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E04\_A023 3', mRNA sequence.:Start:1:Stop:651  
CATATGAAAGAAGAACTCATCAACTGCTTAAAGAAGTCCAGATGTTGAAGACTCTGAAAAGGAAGAAGC  
CTAAGGTGATTTAGATATTGAAAAGAAAAGGCAGCGTTTGATTGAAGTCCAGGATGAGCTGCTCCGGTT  
AGAACCACAGCTGAAACAACTACAAATAAAATATGATGAACCTTAAGGAGAGAGAATCTTCGCTGAGGAAT

GCAGAATATTTCTTATCTAATTTAAAACAGCTTCATCAAGATTATTCCAATATTCGACAGAAAGAACCGA  
ATGTAAAGGAAACGTATGATTCATCCAGCCTTCAGCCCTGTTATTCAAAGCAAGAACCCTTTTGGGAGC  
TGAAAACCACCTGCAAAATATCAACCGTCAATTAGAGAAGCTGCTTGACTAGGAATGAGGCCAGTCTACG  
AAAATGCACCTTCATAAAGATCGGCCTCATGCTACTATCTGTTGCCCTCTGAAACTATACTTTTATAAAT  
ATTCCTTTTGA AAAATTTAAAGGGAAGATATATGTTTTTACTTCATTTTCCACCAAGAAGATTGGGAGG  
AAAACCCCAAACCTTTATTACTGTTAATTTGAGTTGAGCATTTTTTTTTTAATATCTGAGAATGTTGCCAT  
AACAAATAAAAAGTAAACTTTC

>GBEQ1054 |Acc|CD467965|Ver|CD467965.1 GI:31389233|LeukoS1\_8\_B05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_B05\_A023 3', mRNA  
sequence.:Start:1:Stop:696

CCTAAACATACTAAAGTGTACATGGAGTAGAGTGACCTCAGGTCAAAGTATTGGAGTTACCCATCTATTT  
TTGAGTAGGATGCTGAGCTCCCATGAGAAAGAGTAGATTTAGGGTCCTGCTTCATAGTTCGCTTGAAGCA  
AAAGATTTTTTTTCCCTCCCTGAATAGAACTGTGCTCTGACAGGGGCTAAACGGTCTGAAAGATAAATAG  
CAGGTTCACTAGTTCGAGCAGTGGAGTTTGGTATGTTTTCACTATTAAACAGATCAGCAGGCATATAGAGA  
GGTAGCAGTATTTTGGAAAATGAGTTTCCAGGTCAGCTTTGTCTATAAACTTTGAACATGTCAGAAATG  
GTTTTATTAAATCTTTTCTACCAACATCACTGTTTCCCGTCATTTCCTTTTCTCTCCGTTATTGCCTGCA  
GCAGTCAATTACGGTTCGCTCATGCTAGGTAGAGTTGAATAAAGGGAAATGTTTGGTAGAAAACATAGACC  
CCTTCCCGCTGCTTACGAAGGTGCCGCATGACTCGTGTGTTTACCCGGCGTGTTCAGCTGTGAAGTGC  
ACTCAGCTGTAAGCGCTGGGCTGAGTGCATGGAACTGTTACGCTTCTCATTTTATGTGATCTCCTAATTG  
GTCTGTAGCAAAAAATAATTTCTAAACTGTTTTGTGCTTGTGTTTGAATAAAACCATGTGAAA

>GBEQ1055 |Acc|CD467960|Ver|CD467960.1 GI:31389228|LeukoS1\_8\_D05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:507

AGCAATGATAGAAACTACAATGATGTTTAAATGCAAAATTGTAGGAATTTACATGTTTACAATCATCTTA  
AACTGGTTGTGTCAGCAACTCAATAAAATATCTTTGTATTATAAAAATGTGAAGAGAAATGTAAACTGATG  
TAAAGGCGGTACTGTCTATTCTAATTAACCTATGTTTAAATAGCTTTTCCCTCCGGACTTTGCAAAGCCTTC  
TCGGGAAACACATGGCAAAGCGTTCTCTGGGAGGCCAGCCTCCGTGTGTGTAAGTGTGTAAGTGTGTAAGT  
GAAAAAAACAAACCCGTTTACTGTGTATGTGTAAATAGCCTGGTCATCAGGCCATTTTTCAGCCAAATGGTC  
ACATCCAGTGCACACTTTGCACAGAAGACTTAGGGTGTGGTTTGTAAAGTATGATCTGTAAATAAATCTGGGA  
TGAATTTCCATGTATACCTGTGTAAATAGATTTGTTAACTGAAATGTACTTTAAGAAAAATAAAATCTG  
TAAATAAACTGATTTAT

>GBEQ1056 |Acc|CD467959|Ver|CD467959.1 GI:31389227|LeukoS1\_8\_E07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_E07\_A023 3', mRNA  
sequence.:Start:1:Stop:715

CGATGTGTTTTGATGCCAATGCCATCGCTTGGTTTTAATAGACAAGTGGTGAGAGACAATCCTGACTTTT  
GGGGTCCCTTTGGCTGTTGTTCTTTTCTTTTCGATGATATCATTATATGGACAGTTTAGGGTGGTTTCATG  
GATTATAACCATTTGGATATTTGGTTCACCTAACAATTTTCTTACTGGCCAGAGTTCTTGGTGGAGAAGTT  
GCCTATGGCCAAGTTCTTGGAGTTATAGGATATTCCTACTTCTCTCATTTGTAATAGCCCTATACCTTT  
TGGTGGTTGGATCGTTTTGAAGTGGTGTCTACACTTATAAAACTGTTTGGTGTGTTTTGGGCTGCCCTACAG  
TGCTGCTTCATTGTTAGTGGGTGAAGAATTCAAGACCAAAAAGCCTCTCCTGATTTATCCAATCTTTTTTA  
TTATACATTTATTTTTTGTCCCTTGATATCTGGGGTGTGATCTAAGTCATATGTGAGTAGAAAAAGACAAC  
GTTATATTTGTGTGTAGCCTGGGAATTCTTGCTGAGGGGATTGAAGAAAACCTGTTGTTGGTAAAAATTT  
ACGTGTTCCAGATGTAAAGGAAGGGTTAAGGTCCTTTTAAAACAATATTTTTTGTATTTAAGCAATTGTA  
GTTACCTGGATTTTTTTTGGTCAGAATCCTAAATCTGTTTGATTCTTCATATCCAGTGAATAAAATAT  
AAAAGCATGGGTTTT

>GBEQ1057 |Acc|CD467953|Ver|CD467953.1 GI:31389221|LeukoS1\_8\_H09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H09\_A023 3', mRNA  
sequence.:Start:1:Stop:586

AGATTAGTATAAATATTTGACTATGAACTGATTACAACATGTACAGTTGCTTTTGAAGGCAATACAATAT  
ATAGCTGACAAGAATTATGGCTTTTCCCTTTGTATCATTCATCGTATTCTCTAATCTCTAACATTTCTAA  
AATGTTCTCAGTGTACGTAGTTAACTCTTAGCTGTAACCTTCAGTTTTTTTAAAGAGACAAACTGTAAAAA  
ATGTATGTAACAAATCTTAAATGCAATATTTCTAAGACTTGTTTCAATGCCACATATTTGCAGTTCCC  
AATCTCTGTATGAATAGTGTCCATGCAATAAAATTTTTCAGGCTCTTTAAAAATCATTTTATAGGAAAG  
GATCATCAAAGATAATGCATCCAGCAGTACAATAAAGTAACCCACAAAAATCCCTCAGGAAGAATTG  
AAAGAAAGAGTTGAAAGACTCTAATGACATGCCTATGTGAAAATAATAGCCTATGAATGAATTTATGGCA  
TTTGCAGATTTTATATTAGTTGCTTTGTAAAGGAAATATGTATTGCTGTCTTGAATGCCATAGTTGA  
GAGTTTTTAAATAGAACCATGTTGGTT

>GBEQ1058 |Acc|CD467952|Ver|CD467952.1 GI:31389220|LeukoS1\_8\_A06.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A06\_A023 3', mRNA sequence.:Start:1:Stop:535  
CTGGGGGGCTTCTCAGAGGAGGCCCTGGTTCCCTGGGCCTCTACATTGGGCAGCTGGCTCTGAACTGGG  
CATGGCCACCTATCTTCTTTGGCGCCCGACAAATGGGTTGGGCCCTGGTGGACCTCCTGCTGACGGGGGG  
CATGGCAGCAGCCACGGCCGTGGCCTGGCAGGACGTGAGCCCGCCAGCTGCCCGCTGCTTTACCCCTAC  
CTGGTTTGGCTGGCTTTTGGCGCCACGCTCAACTACCGCGTGTGGCGGGACAACCAGGGCCAGCGCAGTA  
GCCGACGGCTCGCGGAATGAAGGTGTCTGCCCTTTGAGGACTGCGGCCACCGCCAGTCAGGCATTGTCA  
GTGGTGGTGGCCTTCATGCTTTCATGGCCACCAGTGGCTGGTCTGTTTGGGTCTCAGCCCAGGGGAAC  
ACCTGTGGCTGCAGCAGGGGTCCAGGCTGAGCCCAGCCGGGGAACGGCGTCCCTTTGCTTTTTGCACTGCT  
CCGAGCTCGCTTTCGAACGTGGGATCTTATAAGCCAAATAAAGTT  
>GBEQ1059 |Acc|CD467949|Ver|CD467949.1 GI:31389217|LeukoS1\_8\_H05.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H05\_A023 3', mRNA sequence.:Start:1:Stop:704  
TTGTCAAGGATGTAGCCAACATCACACTCAATGATGAGAAGGCAATGGTGGAGGCGGTGGCCCTGTACAA  
CCCTGTGAGCTTTGCCTTCGAGGTGACTGAAGACTTTATGATGTACAGAAAGGGCATCTACTCCAGTACT  
TCCTGTCTATAAACTCCAGATAAAGTAAACCACGCAGTACTGGCTGTTGGGTATGGAGAAGAAAAATGGGA  
TACCTACTGGATCGTGAAGAACTCTTGGGGTCCCCACTGGGGCATGAACGGGTACTTCCTCATTTAGCG  
TGGGAAGAACATGCTGGTCTGGCCGCTGTGCCTCTACCCATCCCTCTGGTGTGAGCCAGGATGGCA  
GCAGCGACTGGTTGGTGGAGAGGGAGGAGCAGGCAGCTGGCCATTGGTGGAAAGTCTGCCCTGGAGG  
AAGTGGGGGGATCCACTCAGGAACCCCTCACTTTGCATCCTCACCCCGTGTGTGTCCAGAAATCTAAA  
GAAAATTAGGAAGAAGAATCCACCAAGCAACAAGCCACCCACACCTTCTGATGCAAAGGATCACCAGC  
CTTGTGCTTTTAAGCATGATTTTAACTGACTCAAACCCACGTGGACCAAGAATATTCTTTCCTTCCTG  
AAGGGCTACTTTTACATTTGGAGAGTACTGTCTTTCTGTGGTCTTTATTCATAAACATTCACTGAGC  
ACCT  
>GBEQ1060 |Acc|CD467948|Ver|CD467948.1 GI:31389216|LeukoS1\_8\_B04.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_B04\_A023 3', mRNA sequence.:Start:1:Stop:687  
TGGAATGGCCATCTTACTATGCTGCTCTTTGGTAATTGAATAAATTGACCCAAGGACCTGATTTTCATATT  
GTCCAGGGTGGAGAAGTCAGAACTCTCAAGATGATTCAGTGAAACCCCTAGACGTAAGGAACCTACTCAGT  
TTACCTGATTTCTGGTGCCCTTCTCTCACCTTCTCTAACACTGACCTTCTCTCAGGATGACATCTGCC  
TGGCTGTTTCTCTGAAGAGCTGTTCACTCCCATGCTTACCTTGCATTGTAATATAGAGGACCAGGAAGCA  
GTCATCCTTCCAGGAATGCTTGGATCCATGTGGACATTGAGGAAGCTTATTCTCATATAATACTGATGT  
AAACGGTACTAGAAAGTTCACTGCCAAGAGCCAAGAGGCCTAACCAACAGCATGGATACTGTTTGGTGT  
CATGGGACCCCTTCTCATACCTGTGGACTGCAGGATTGCTTAAAGATCTCTTAGGGCTGCCTTACAG  
GACAAGATATCGGGGGCTTGGCCAGGGAAACATATAAACACTTTACTTACTATATAGCCACACGCATTTT  
CAGTTTGGGATTAATGGGATAAGAACAAAAGGAATTCATTGTTTTCTAACCAAGTGGATGAAAGAAATTT  
AGAAAACCAGAATTGCTTCTCTCAAAAGACCCCTCAACCTATATTTTCGGGGGG  
>GBEQ1061 |Acc|CD467946|Ver|CD467946.1 GI:31389214|LeukoS1\_8\_D08.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D08\_A023 3', mRNA sequence.:Start:1:Stop:659  
TCCAAGTCTGGAAAGTTGAAAGGAGATGACCTTCAGGCCATTAAGAAGGAGTTGACCCAGATAAAACAAA  
AGGTGGATTCTCTGCTGGAAAGCCTGGAAAAAATTGAAAAGGAGCAGAGCAAACAAGCAGTAGAGATGAA  
GAATGATAAGTCAGAAGAGGAGCAGAGCAGCAGCTCCCTGAAGAAAGATGAGACTAATGTGAAGATGGAG  
TCTGAGGGGGGTGCAGATGACTCTGCTGAGGAGGGGGACCTACTGGATGATGATGATAATGAAGATCGGG  
GGGATGACCAGCTGGAGTTGATCAAGGATGATGAAAAAGAGGCTGAGGAAGGAGAGGATGACAGAGACAG  
CGCCAAATGGCGAGGATGACTCTAAGCACATAGTGGGGTTAGAAATCTTGTCCCATTTATTTCTTACCT  
AGGCGCTTGTCTAAGATCAAAATTTTACCATGATCCTCCCTAGTATCTTCAGCACATGCTCACTGTT  
CTCCCCATCCTTGTCTTCCCATGTTTCAATTAATTCATATTGCCCTGCGCCTAGTCCCATTTTCACTTCCT  
TTGACGCTCCTAGTAGTTATGTTAAGTCTTACCCTGTAATATTTGCTTTTAATTTTGATACCTCTTTATG  
ACTTAACAATAAAAGGATGTATGGTTTT  
>GBEQ1062 |Acc|CD467945|Ver|CD467945.1 GI:31389213|LeukoS1\_8\_H01.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H01\_A023 3', mRNA sequence.:Start:1:Stop:604  
TGTTTGGGAAGACCTCAGTTACTGTCTCTCGGGCATGTATGACCACAGATATGGAGATGGTGGAGTTTAC  
TGTCCAGAGCACCACCTGGACACTGTGTCCACATGAGGGGGCTGCCGTACAAAGCCACAGAGAACGACATT  
TACAACTTCTTCTCTCCACTCAACCCCGTGAGAGTCCATATTGAGATTGGCCCTGATGGAAGAGTGACAG

GCGAAGCTGATGTTGAGTTTGCCACTCACGAAGAAGCCGTGGCAGCTATGTCCAAAGACAGGGCCAACAT  
GCAACACAGATACATAGAACTTTTCTTGAATTCACACAGGGGCCAGCAATGGGGCATATAGCAGCCAG  
ATGATGCAAGGCATGGGGGTGTGAGCCAGTCCACTTACAGTGGCCTCGAGAGCCAGTCAGTGAGTGGCT  
GTTATGGGGCTGGCTACAGCGGCCAGAACAGCATGGGTGGATATGACTAGTTTTGTAGGAGCATTGAGT  
TGTTTCAATCAAATTTTACAGGCAGCCAACAAGCAGTGAAGAGCAGTTAACTCTAGAGGGAGCTGTGGG  
ACCCATTTTGCACCATGAGTTTGTGAAATCTGGATTAAAAGAAT  
>GBEQ1063 |Acc|CD467943|Ver|CD467943.1 GI:31389211|LeukoS1\_8\_D04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_D04\_A023 3', mRNA  
sequence.:Start:1:Stop:652  
GAATCTGAGCTCTCTTCCGGACCCGGCTGAGGAGTAGGCGCCATCATGGGAGTCGACATCCGCCACAAC  
AAGGACCGAAAGGTTCCGGCGCAAGGAGCCTAAGAGCCAGGACATCTACCTGAGACTGTTGGTCAAGCTGT  
ACAGGTTTCTGGCCAGACGAACCAACTCCACCTTCAACCAAGTCGTGCTGAAGAGGCTTTTCATGAGTCG  
CACCACCCGGCCACCTCTGTCCCTTTCCCGCATGATCCGGAAGATGAAGCTTCTGGCCGGGAAAAACAA  
ACAGCTGTGGTTGTAGGACTATACCGACGATGTGCGGGTCCAGGAGGTGCCCAAACCTGAAGGTGTGTG  
CCCTGCGTGTGAGCAGTCGTGCCCGGAGCCGCATCCTCAAGGCTGGGGGCAAGATCCTCACCTTTGACCA  
GCTGGCCCTGGACTCCCGAAGGGCTGTGGCACCGTCTGTCTCTGGTCTCGAAAGGGCCGAGAGGTG  
TACAGGCATTTTCGGCAAGGCTCCAGGGACTCCGCACAGCCACACCAAACCTATGTGCGTTCCAAGGGCC  
GCAAGTTCGAGCGCGCCAGAGGCCGACGGGCCAGCCGGGGCTACAAAACCTAACCGCGGATTCTACCTTG  
TTATTAAGAAAGATTGACGCG  
>GBEQ1064 |Acc|CD467941|Ver|CD467941.1 GI:31389209|LeukoS1\_8\_F11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F11\_A023 3', mRNA  
sequence.:Start:1:Stop:726  
GAAGGCTAGGGCAGTGCTTCTCACATGTCTAGTGTGTACCGCCATGTGGGGGCCTCCTTAATGCAGATT  
TTCGTTAGTGGGTCTGAGCGGGCTTCTGCATTTCTAGTCAGCTTTTAAGTGATGCCCATCTGCTGGTC  
CAGGGACCAATTTTGTAGTTGCAAAGGAAGTATAGGGTATTTTATGTAATGCGTGTGGCTACAATGGA  
CATTACGCTAGAGGAAGATTGTGAATTGGCTCACTCCAAACGGCCGAGTTGGGATCCCCAGGTTCCCTT  
TTGCAGCACTGGTAGTGGACGTGGACAGAGCTCAAACACAAGCTCGTGCAGGAGGCCAGGCGCACTCGCT  
GTCTTATTTTAGTGGCTTGGTAATTTTCTTTCTTCTGAAAGGGAGTCCCATACAGCTCTCAGTCC  
TGAATCCTCTGTAATAAATTCAAAACACAGTCGCAAGTAAGTTCCTTTCTCTCTTACTTGCAGGGG  
TTGCTGGAGAGCCCTGCCAGTGGATAGTGAGAAAGACATCTTTGACTACATCCAGTGGAAATACCGAGA  
ACCCAGGATCGAAGTGAATGAGGCCTGCCCTTCTCCAGGCGTAGCCCCACAGGAGTCTTAATTTATT  
TCTTAACCTTTGCTATGTAAAGGGTCTTTGGTGTTCAGTGGTTGTTCTTCTTCTATGCTTAGTTTGCA  
CTGTAGTCAATAAAGCCTCTTATACT  
>GBEQ1065 |Acc|CD467939|Ver|CD467939.1 GI:31389207|LeukoS1\_8\_A12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:691  
AGAGTTTAAATCCCCACAATGATTACTGCCAACATTTTGTAGACACTGGACATAGACCTCAGAATTTTCAT  
CAGGGATGTAGGTTTGGCTGACAGATTTGAAGAATACCTAAACTGAGGGAGCTCATCAGACTTGAAAAA  
GGGAAAAAAGCTCATCTCTCACTTGTATAGCTACAGGTGACTGAAATCATGCTTCTTGAGAAGCAA  
ATGAAGACAGATATCCAAGTGCTAGAATTTGCTGTGGACTTGAACCTGGATTGACCTTCAAAGCAGTTT  
CATATTCTTAGTCAAAATAAAGAAACCGAGGCAATAACAGAGATACCTGGTTATCAGGTACTTGGTTTA  
AACATTTGGGGGAATAAAGTACTTGGTGATGAGGAAATGACATACATCTTCAACTTGTTATGGAGAAAA  
CTTAATGTACAATTAATTACCGAAACCTCAACTTAAGAAGACAGCTTAGAAAATGGCACTCCAGTTGCC  
TTTTATTAACCATACGGTGTGGTGTTCAGGGACTGGCTTTGCAGATCTGTTACTTGTATAAGACT  
TTATGCTGTCACTTCTCTTCTATACTGTAATCATGTTTAAATGAATTTGAATGAAATAATATCATCG,  
TTCTTGATAAATGTATTTTTTATTTTGTGTATGATTTTTCTAATGAACTTAAACCTTG  
>GBEQ1066 |Acc|CD467938|Ver|CD467938.1 GI:31389206|LeukoS1\_8\_F04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_F04\_A023 3', mRNA  
sequence.:Start:1:Stop:672  
CCAAAACCAAGACATCTGCTGTGAAATCAAATGTATTTATGAAGTTGGACTTCAGGATGTCCAGGCTGTA  
ACCTCCAAGCAACATAGAAAAGCAAGTGGCAGGAGGACTATGGCTAACAGGAATAAATAATGGGAAAAGT  
AGTGCCCTTGAAGAGTCAATTGTCTGAAAGAAGCAAAGTTCAATTTAGAAAGAGGCAAACTTTGGGAGG  
CCTTGAGGAGGAGACTTTTAGATTAGACAAGATGGTAGCATGGAAGACTTAATTTCTTCTCTAGAACAG  
GAGAGAGGCCAGTAGCCAGGCTAGTCATAAGAGTTCATTAAATGCGCCCACTGAGTTCAACTTCCTCTAG  
TGTTAAAGAGAGCACTAACAATGTCAGTGAAGTGTGTAATTTAGCTACAAGGAATAGAGCT  
ATGACTGGAAGCCTCAGTACTGTACAACAGAGTGTAAAGGAAGCTTTTTCTCTCTCTACTTGCCTTT  
CCCAGGCATACTGCAGAAATAGAAAATTCAGTGTCTAGGACTTGGTCTGCCAAAGTAGAACAGGCTTCA

ACTGAGTGATTCTTAGTTTATTAGCCTCGTAATGGCCAAGAGTACTTGACTTAGGGCTCAATTTTTAAGA  
CAAAAACAACCTGTAAATGTATTTGTTCAGTAAAAATTGTATA  
>GBEQ1067 |Acc|CD467937|Ver|CD467937.1 GI:31389205|LeukoS1\_8\_H08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H08\_A023 3', mRNA  
sequence.:Start:1:Stop:655  
TTTAAACCTGAAATGCTCGCCAAATGTCCCATGGGATTTTTGACCAAAAGTAAGGTCATAGCTGAAGA  
AATTTTTAGTTTGTTCATTTGATCACTTCAGTGACAGTACCCACTGATGAATCTTCTCCGTGATTTGGGGC  
TTTTGTGTTTTGTTTTTTCGCTTTCTTAACCTGTTGATCTTTTTGAGGTCTTTTGTGTTTATCAAACCTT  
ATTCTTAAGTTTAAATAAGAAATTAATAAGGTGGTTTTTTTAAAGATTTTAAAGTTTGCCGACGTGTTAAA  
AATCTTTAAAGCACTTTAAAAATCTTCAAAGTGCTTAAATCAGGCAGTTCTTACCACCCAGTCTTGTATT  
CTCTCTTTAGCTAGCCAAATTTGCTTGAATCTGGGTTTTCCACATTCTCAGAGGGTTATTTGAAATCTT  
TTGTTATATTTTAAATATTTTCTGGAAGAGCTGCTAATTTTATTTAAAAAAACAAGTTGTAATAATAT  
GCCTCCTTTTTTAAAGAACCCCTCCCTCCAGGACATGAACCCAGCGTCCGAGTGCACAGGGTGGCTCAG  
AGGGAGCGCCTGGTGCAAACGTGCTTTCTTTACAGTGGCTGTACAAAGTTTGTATTTATATGTATAAAA  
TGTGAATAATAAAACAATGGAATT  
>GBEQ1068 |Acc|CD467850|Ver|CD467850.1 GI:31389118|LeukoS1\_7\_D03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:667  
TCCAGAGCGCAGCTATTGGTGCTTTGTCAGGAGGCAAGTGAGGCCTATCTGGTTGGCCTTTTTGAAGACAC  
CAACCTGTGTGCTATCCATGCCAAACGTGTAACGATTATGCCAAAAGACATCCAGCTAGCACGCCGCATA  
CGTGGAGAACGTGCTTAAGAGTCCACTATGAGGGGAAACATTTTCATCTTTAAAAAATAATCTCTTCT  
TCCTGTTATTGGTAGTTCTGAACGTTAGATATTTTTTTCCATGGGGTCAAAAGGTACCTAAGTATATGA  
TTGCAAGTGGAATAATAGGGGACAGAAATCAGGTATTGGCTGTTTTTCCATTTTCATTTGTGTGTGAATT  
TTTAATATAAATGCGGGACATAAAGCATTAATGCAAGTCAAAGTGTTTCAGTGAACAAGTTCAGCAGT  
TCAACTTTATAACAATTATAAATAAACCTGGTAAATTTTTCTGGACAATGCCAGCATTTGGATTTTTTTA  
AAACAAGTAAATTTCTATTGACGGCAACTAAATGGTGGTTGTAGCATTTTATCATAACAGTAGATTCCA  
TCCATTCACTAATTTTTCTAAGTGTGCTTACATGCAAGTACATGTTTTTAATGTTGTCTGTCTTC  
TGTGCTGTTCTGTAAAGTTTGTCTATTAAGACATTA  
>GBEQ1069 |Acc|CD467845|Ver|CD467845.1 GI:31389113|LeukoS1\_7\_G12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G12\_A023 3', mRNA  
sequence.:Start:1:Stop:699  
AGGATTGGCATAATTTAATAAAATATCTGTTTTTTTCAGTGGCCCAAAATACAATGCTTTGATAAACTA  
CATTTGAACCTCAAATTTTCAGATGAGGCAGCATTTTCTTGAGATAATTATCGAAGTTTCTTCTCTGTTGAA  
TGATACAAAATCTCTCTGAACTAACAGGAAGGCATTTTACATAACTGGGATAACTTGTGTCTATAATT  
GTTACCTCACTCATTTTAACTAGTAATTTAAAGTTTATTGTAAGTCCCTCGAAATGCTTGTAACCT  
GAGAACCACAGAAAAAAGTTAAATTTAGAATAAGAATGATTTCCCTTCATTTCCCTTCTTGTGTTTTGGT  
TGGTCATTGAACCTTTGTAAAATTTGATTTAATGTATCTTGGGTCCTGTACTTTATCATCTAAGACTC  
ATTATTTTAATGCAGGAAAAAAGATTTAGCAATTTCTTTGGTCTTGTCTACATGTAAAGTATGCCAT  
CCAGTCATTTAAGAGCCATCCCAACTCCTCGGCAATATGTATTTGAATTCACATTATTTCTGTTTTACA  
GCAGTTTTGAATAGCATATATTGTGTCACTGAGTGTCAATATTTTGTAAAGTGTATGTAACGTAGCCATCA  
AAATTGGTATCAAGTAATGCCTAATACTGTGGGATGTAACTTCACGAGATCATCGTTTCACATTAAAT  
>GBEQ1070 |Acc|CD467843|Ver|CD467843.1 GI:31389111|LeukoS1\_7\_A11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:657  
TTAAAAACCCAGGATTAAATTGCAAACTCTGAACTTTTTACAAAGAAAAATGGAAAACTTTGTATGGTA  
GCTTCATGTTGAAGTGGTTTTTTTATGTTTGGTTTTTGTTTTTTAAATTTGGAAAATCTGGAAAGTTAGC  
TTGTTCTAATAGGGGCTATGCTCGCAATTCCTTTTTTCCCCCTTAACCTTCATTAAGTCAATCCCTTA  
TCAGATCATTTGTTGCTTCTTAAAAGTGATATATTTTTACCTGTTTGGATTCCGTATTAGTGGTCTGAGG  
AAGAGCAGTCACTTTGTAAACTACGGATGGTCTGATAAGGTTTTTACTGACCCACTGACTTCAGAGTTA  
TACTCTGTTTATTACATCATATGCTGGTCTGTTGACTTTTTGTTTTTTTATATATTTATAAAAAAAGA  
AAAAGTTGGTAATTGCAATTGGGAAGCTCCAGAGTGTACTGGACCCATGTGGTGTATTGTTAAACCACTG  
TCCTCAAGATACTGTTGCTCTTGATGTTCTGATACAGGTAAGGAAACAGTTGGTCAGCTGTGATACAAA  
ATATATATACAGTCAGTATTGTCTCTGTTCAAGTTTTGTTTTTATTTCACTGACAAATCAAACCAAGCATTC  
CCCATTGTGTAATAAATGATTGCTG  
>GBEQ1071 |Acc|CD467833|Ver|CD467833.1 GI:31389101|LeukoS1\_7\_E11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:686

TCGCTGGGGGAGTGCAGCCCAAAGCAGCATCTTTAGTGCTTCGATGTTCTGCTGGGGGTCAAGCAGAG  
TGCTGGTGAAAAATCTGCTGCTGAATTCCTCCAGGAAATGAGAACATATATGCCACCAGCTCACCAAAAC  
TTCTTTCGCTCATTAGAGTCAGGCCCCCTCAGTCCGTGAGTTTGTCTTTCAGAAGGTAATGATAGCCTGC  
AGGCAGCTTATAATGACTGTGTGAAAGCTATGGTCTCCCTGAGAAGCCACCATTTCGAAATAGTTACTAA  
GTACATTGTGATTCCCTGCACACCAGCAGTCCATGAAAAACCAACACCTGAAGAGCTATCAGAAAAGGAA  
AATAAAGGAAGTGGAGGCACTGATGTCATGCAATTCCTAAAGTCTGTAAGAAGAACAACCTGAGATCGCCT  
TATTGAAGGAAGAATAATGAAACCTAGGTATGGGTACATTTTGTCAAGATAAAGATGTCTGTGTATATTA  
ATGTGACTGCTCATTTATATCAGGCCCATGAATTATTAATATGCAGCTTCTTAATAGTACATTATAAAGA  
TTTCAAAATAATTTTTCTGATATATGTGCATTGCTTGTATGAAAACAATAAAAAGCAATTATATTAGAA  
GTGTTATAGTCTATATTCTATAGAATGTAATGATGAAAGTCAATAAAAATTGATAT  
>GBEQ1072 |Acc|CD467831|Ver|CD467831.1 GI:31389099|LeukoS1\_7\_F06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F06\_A023 3', mRNA  
sequence.:Start:1:Stop:662  
GCTTGGTGCAGACCATTCTTGGGAGGACACTTTTGCCAATGAAGTGTTCCTCCAGCTGATTAGTGTCTAA  
GGAGCGATCGAGTACTGTGCCCTTTTCTTGACTAATACATTGCCTGGAAGATAGCAGAGAAGCCTGCC  
TGCTCCATTCAAAAAGCCAAAGTAGAGGGGTACAGTCCGAGAGAATTCTCGAAAGTATTTGTCTGTTC  
AAACCTCATTAGGTCACCCCAAGTATTGGTTTTTGACATTCAACAGTGCAAGGTAAGTACTCAGATAGATATAC  
TACTGTAATCGAGAATTAAAGCTTTTGAGGTTGTACCTTTATTTTAGGGCATTAGTTTGCCTAAAATAC  
TTATGTAAGGGTCACTGGACAAACGTCTCAGACATGGAATTTATGAATGGCCCTTCATCATTCCTTTCCC  
CTTCTCAGCTTCCCAGGCTCGCCTCCAATTTTAGTTCCTTTAGTTTGTCTTCTCCAAGCAGAGAACACCTA  
CCTGAGGGGGCTCCTTTTCCCTCATTTACAGTTCAAGTAAAGATCAGAATCTTTTACAAAATTATAGAA  
ATTTACTATGTAAATGCTTAATGGAATCTTTCCCTGCTAGTGTAACTTTTGAAGGTGCTTTCTCCATTT  
ATTTAAAACCTACCCGTCAATTAATAAAGTGC  
>GBEQ1073 |Acc|CD467830|Ver|CD467830.1 GI:31389098|LeukoS1\_7\_A07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_A07\_A023 3', mRNA  
sequence.:Start:1:Stop:677  
TGGAGCATGAGGAGGAAAATGAGGAGGAAGACGAAGTACCGGATGACGAGACTCTGAACCAATGATTGC  
TCGACGAGAAGAAGAATTTGATCTTTTATGCGTATGGACATGGACCGCGGAGGGAGGATGCGCGCAAC  
CCGAAGCGGAAGCCTCGTTTAATGGAGGAAGATGAGCTGCCCTCCTGGATTATTAAAGATGACGCCGAAG  
TAGAACGGCTGACGTGTGAAGAGGAAGAGGAGAAAATATTTGGTAGGGGGTCTCGCCAGCGCCGGGATGT  
GGACTACAGCGATGCCCTCAGAGAGAAGCAGTGGCTGAGGGCCATTGAAGACGGCAATTTGGAAGAAATG  
GAAGAGGAGGTACGGCTAAAGAAGCGAAAAGACGAAGAATGTGGATAAAGATCCTGCGAAAGAGGATG  
TGGAAAAGGCTAAGAAGAGAGAGGCGCTCCTCCAGCTGAGAACTATCACCAAATCCCCCAAAGTAC  
AAAGCAGATGAATGCTATCATGATACTGTGATAAACTACAAAGACAGGTGTAACGTGGAGAAGGTGCCC  
AGTAATTTCTCAGTTGGAAATAGAAGGAAACAGTTCAAGGGCGACAGCTCAGTGAAGTCTTCATTCAAGTTAC  
CTTCAAGGAAAGAATTACCAGAATACTATGAATTAATTAAGGAGCCG  
>GBEQ1074 |Acc|CD467829|Ver|CD467829.1 GI:31389097|LeukoS1\_7\_G11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G11\_A023 3', mRNA  
sequence.:Start:1:Stop:661  
GAGGATGATGAGGAGGAGGACGATGACGACGATGAAGACGATGAGGAGGAAGAGGAGGAGGAGGAGG  
ATGAAGATGACTCTGAAGAAGAGCTATGGAGACCACACCAGCTAAAGGAAAGAAAAGTGCAGAGGCTGT  
TCCTGTGAAGGCCAAGAGCACAGCTGAGGATGAAGACGACGACGAGGATGAAGACGACGAGGAGGAGGAG  
ACCACAGCCACAAGGAAAGAGACGAAGTTTGAATAGTTTCTTCTGTCCCTATGTCTTTCCCTCTTCAT  
TTGAAGAAAGGACTCTGGGGTTTTTACTCTGTACCTGATCACTGACAGAGCCTTCTGAGGACATTCCA  
AGACAGTATACAGTCTGTGGTCTACTTGGAAAGCCGTATAGATAACATTTCAAGGGAGATACCCGTGTG  
GTTTTGACTGGATATTCGTATAAACTTTTTAAAGAGATGAGTGATAGAGCTAACCTTATCTATAAGTTT  
TGAATTTATATTGTTTCTTCCCTTGTACAAAACCATTTTTTCTACGAATAGTTTTGTTTGTTTTTTTG  
CGTTGGGGGGGGGTTGTAAGGAAAGCAGAATGTTTTATCATGATTTTTGCTTCAGCAACTTTGGGACA  
AATTAAGTCTCTAACTCTGGTCCCAAAA  
>GBEQ1075 |Acc|CD467821|Ver|CD467821.1 GI:31389089|LeukoS1\_7\_D05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:690  
TTCAAGTTCTCAGAAGACTCATCTAACTAGACATATGCGTACTCATTTCAGGTGAGAAGCCATTTAAGTGT  
GATCAGTGCAGTTATGTGGCCTCTAATCAACATGAAGTAACTCGCCATGCAAGACAGGTTTACAATGGGC  
CTAAACCTCTTAACTGCCCACACTGTGTCTACAAAACAGCAGACAGAAGTAACTTCAAAAACACGTAGA  
GCTACATGTTAACC CGCGGCAGTTCAATTGTCCCGTATGTGACTATGCAGCTTCCAAGAAGTGAATCTG  
CAGTATCATTTCAAATCTAAGCATCCGACTTGTCTTAATAAAACGATGGATGTCTCAAAAGTGAAACTAA



AGAAAAACAAAAAGCGAGAGGCTGACTTGCCTGATAACAATATTACCAATGAAAAACAGAAACAGAGCA  
GACAAAAATAAAGGGGGATGTGGCTGGAAAGAAAAATGAGAAGTCTGTAAAAGTGGAGAAAAAGATAGT  
GTTTCAAAAGAGAAAAAGCCTTGTAGTAATGCTTCGATCCAAGTGAAGTACTACCAGAACTCGCAATCAGCAA  
TGGAACTAAAGAGATGGATGTGCATATAGGAAATAGTTTCAAAAAACCTGTAAAACCAAGAAAAGCAA  
AAGGAAGGTGGAAGCTGAAGCCATTCTTTACAAGATCCTGTTAATGATGAGGAACCTTG  
>GBEQ1076 |Acc|CD467820|Ver|CD467820.1 GI:31389088|LeukoS1\_7\_E07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E07\_A023 3', mRNA  
sequence.:Start:1:Stop:686  
GCCAGTTACCAGCGATTGCCAGTACCTTTTCCCTGCAAAGGTTGTCTCTCGCCTGGTGAAGTGGGTGACG  
ATTGCCCATGAGGATTACATGGAGCTGCATTTACCAAAGACATTGTGGAGCGGGACTGGCTGGAGACA  
CCAATCTCTACTACATGGCTCTCGTGGAAAGAGGCACAGCCAACTCCAGGCTGCTGTGGTGTGAATCC  
TGGCTACTCCTCCATCCCACCCATTCTTCCAGCTCTGTCTCAACTGGAAAGGGGAGAAAACCAACAGCAA  
CGATGACAATATTCCGGGCCATGGAGAGCGAGGTCAACGTGTGCTACAAGGAGCTGTGTGGCCCCCGGGCC  
AGCCATCAGCTCATGACCAACAGCTGCAGCGCTGTGTGTAAGTGTGCTGAGCGCTACCTGGAGAGCGAGA  
GCCACGATGACAGCGTGGAGGGGCCCCAAGGAGTTTCCCCAGGAGAAGATGTGTCTGCGGCTTTTCAGGGG  
TCCCAGCAGGATGAAGCCCTTTAAATATAACCATCCTCAAGGATTCTTCAGCCATCGCTGACCTCCCGCT  
CAGCCTGTGTTTTCCCCCTAGGCCCCAAGTGTGTGCTCTGCTGTCTGCTCTGGCCCCACAGTGGCTCT  
TGATAGTCTCCAAGACAGTGTGTTTTACTTTGAGCCTATTAAAGTGTGCTGCTGACC  
>GBEQ1077 |Acc|CD467815|Ver|CD467815.1 GI:31389083|LeukoS1\_7\_F05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F05\_A023 3', mRNA  
sequence.:Start:1:Stop:731  
GTGGCTGGCGTATGGGTCAAAATCCCATGTGTGGATCAGATCGGTAGCTGTACTTTTGACAATGCCTGTG  
ATATACTAGACGCTTTTACTCCCCCTGGGCAGCCCTGCCAGAGCCCCTGACACCTTTGGGCTTCCCTG  
CCACTGTCCCTTCAAAGAAGGCACCTACTCACTGCCCAAGAGTACTTTCCCTTGCCTGACCTGGAGCTG  
CCCAGCTGGCTCAGCAACGGGAACCTACCGTGTCCAGAGCATCCTGAGCAGCGGTGGGAAACGTCTGGGCT  
GTGTCAAGATCACTGCCTCTCTAAAGGCCAAATGATGTGGCACCAGCCTCAGCAGAATGAAGGAGTATGA  
GGAAGTCGTCCGTCTTCCCCCTGTCTGTGTTGGCCAAGGCTGATTCTAACTCTCTGTCTACCTTTTTAA  
GCCCCCTTTCTACAATGATGCTATTTCCCTCACTGAAAGCCATTTTGTGCCACCTACATTTTAGGTGTGGG  
CAAGCAGCCCTAACCTCAGGGAGCATGAGCTTGGGGTCTTGATAGCCCAGGACGTGTCCCGGGCTGGCC  
ACACCGTTTCTTCTCCTTGGCTTTCTCTCTAAGAGCTTAACCTCATTTTCTAAACAGTCAAAAGG  
AATGGGACCAACATGTTTTGTGACCCCAAGTCTGACTGACCCAGTCTTGACCTCCTGAAGTACCTTTAT  
GATTTTCTCATTAAAATTTTGTCACTTACTT  
>GBEQ1078 |Acc|CD467811|Ver|CD467811.1 GI:31389079|LeukoS1\_7\_G10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_G10\_A023 3', mRNA  
sequence.:Start:1:Stop:652  
CTTAGGGGAACCTACTATTAACAGCATCTGCACTGTAATGCCCTTGTACCAAAGATGCTAGGGAGTGTGTT  
GGAAGTACTTCTCTGAGGGGAAATCACCGGGCTAAACGTACGAGAAATGTCTGACCAACTGGAA  
GGGACATGTTTACTGCTGAGTGGAGAGTGGGTAGGTTATCTGGTAGAGGAAATGTGCACATCTGCATGA  
GTAGCACAGTCGGTCCACCTTCTCGGGGTGAACTAACGAGGCTCATAGTCAGTGGCTCCTGTACCACACT  
GAAGACTCTGGGTCTCGGGAGTTTCTTGTGACCGCTTTTCTGAATTACTTGCAAAGGCCAGTGTCTCT  
GGTCAGAAATTTATAGTGAGAATATTTACACAGTTCTGTGTTTGTCTGGAAAGAAGCAAAAGGGAAATG  
TGAAAGAAGTACGTGAAAACTGTGCATTGAATTGACATTTGCATCGGGTGATTATCATTTATTGATT  
CAGCTAACTTTACGTGATGAATCCTTATTCTAAAATAACCACTTTTGGAACTGGAAGGGGGGAATCAAT  
AAAGGGAAATCTATTTTGTGTTCTGAAGTTTGAAGGTTTTAAGAATTGACTTTTATGTAAAGAATGCTA  
TTGTTTGTATAAAGTTGGGAA  
>GBEQ1079 |Acc|CD467808|Ver|CD467808.1 GI:31389076|LeukoS1\_7\_B11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B11\_A023 3', mRNA  
sequence.:Start:1:Stop:672  
CAGTGGGACTTTGCCAGTTATGATATCTCAGGGTCATCAAGACTCCTGAGATAGCAAACTTGGCCTTGC  
TTGGCTTCGGAGATATCTTCGCCCTGCTGTTTGACAACCGTACCTGTATATCATGGACTTGGCAGAGA  
GAGCATGATTAGCCGCTTGGCAGAGTACAGGAAATCCAAGAGAGGCTCAAGCTTCTGGCAGGC  
GAAGCATCCTGGCTGAATGGACTGGATGGGCACAATGACACGGGCTTGGTCTTTGCCACCAGCATGCCTG  
ACCACAGTATTCACCTGGTGTGTTGGAAGGAGCAGGCTGATGCCACGAGCTACCACGGCCGACTGACTT  
TGGGTGCCGGGCTGCGGTTTTAGTGCAACCTCTGTGGCAGCGACTGCATGAACCAAAGTTCTACCT  
AATGGTATCATCAGCAGTGCACAAATCATTTATGTTTGGCAGGGGCCAGGGCTCGGGGCGGGGGA  
GGGCTTGTGTTTTACTTACAGTGCAGCATGCTAATGGGATACACATTGACTTCATTGTACTTAGTTC  
TGTTGGTCAGTATGAGGATGCATTTTGGGTTTCATCTCTCTTGAATATTGGTTTTAAGTAAAGAAAGTTAA

ATGGTTCATTAATCTGCTAATTGGTTGCCTATAAAAAACACAT  
>GBEQ1080 |Acc|CD467807|Ver|CD467807.1 GI:31389075|LeukoS1\_7\_H05.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_H05\_A023 3', mRNA sequence.:Start:1:Stop:623  
CTTGCTGAAGCCCCAATGGTAACCCAGGCCACGCCTGCACCCACAAATATTCTCATGAGGAGATTGCC  
ATGGCACTGTACGGCACTGCGTCGCACGGTGCCCCCTGCTGTCACTGGGATCACCTTCCTATCTGGAG  
GCCAGAGTGAGGAGGAGGCATCCATCAACCTCAACGCCATCAACAAGTGCCCCCTGCTGAAGCCGTGGGC  
CCTGACCTTCTCCTATGGCCGAGCCCTGCAGGCCCTCTGCCCTGAAGGCCTGGGGTGGGAAGAAGGAGAAC  
CTGAAGGCTGCCCAGGAGGAATATGTCAAGCGAGCCCTGGCCAACAGCCTCGCCTGCCAAGGAAAAATACA  
CCCCAAGTGGTCACGCTGGGGCTGCAGCCAGCGAGTCCCTCTTCATCTCTAACCATGCCTACTAAGTGA  
GGTATTCTAAGGCTGCCCCCTCAACACTCCAGGCCCTGCCTCCTCCCACTCTCACTCTTGAAGAGGGGGC  
CTCATCCAGGGCTTTAGGCTGTTCTTTCCCATCCTCCTTGCCTCCCTGGTGACATTGGTCTGTGGTATTG  
TCTGTGTATGCTAACTCCATCACCTTTTCGAGCCCACTGCCAATAAACAACTATTTAAGGGGG  
>GBEQ1081 |Acc|CD467801|Ver|CD467801.1 GI:31389069|LeukoS1\_7\_C02.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_C02\_A023 3', mRNA sequence.:Start:1:Stop:590  
CGATGATGGGACTTATGAAGTGAAGAGTGTCTCGGAAAGGAGGTGGGGTGTAAACTGTTTCGTCCAG  
TCCATAACCACCCATCCGACCAGCTGCATTGGATTGGAGGAGATTGAGCTCCTGAGTGCAGGAAGAGCCT  
CTTCAGAACCCGTACCTTGCCATAGGATCTGTGAACCTTTGCAATGTGGCTGCAGGGGGGGTGGTGGTGG  
TTTTTGGTAGTTATTTGTTAACTATGGGCAGAGTGAACGTATTTTATGATCTTAAATGGAACCTTAGATT  
TTTCTAGGGCAAATGTTAAGTAAATGGTGGTGGTGAACATAAAATCAAAATACTTTTCTCTATGGTTATA  
TATTTTTTATTTCTTTCTGCAATTTAGGAACATGTTATTAAGCTTAAATAAGCTTGAGGCTTTTACT  
TTGTATTATAGCAGAAAAAGTATTTTGTTCATTTGAATTTTTCAGTGTTTAAATTTTACCATGATTC  
AACACGTTTTTCTGTATTTAACATTCCTCCAAAGAATACCTGCAAAGCTTAAACCTTTGCTCTACATT  
GTGATATTTCTCTACAATAAATCCAAACT  
>GBEQ1082 |Acc|CD467796|Ver|CD467796.1 GI:31389064|LeukoS1\_7\_H08.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_H08\_A023 3', mRNA sequence.:Start:1:Stop:707  
GGGATTGATGTTAGTACTCAGATGCTCAATCAGCAGTTCAGGAACCATTCGTAGCAGTGGTAATTGACC  
CAACAAGAACAATATCTCGAGGAAAGTGAATCTTGGCGCCTTTAGGACTTACCCAAAGGGCTACAAACC  
TCCTGATGAAGGACCTTCTGAGTACCAGACTATCCCACTTAATAAAATAGAAGACTTTGGTGTACACTGC  
AAACAATATTATGCCCTTAGAAGTCTCATATTTCAAATCCTCTTTGGATCGCAAATTGCTTGAGCTTTTGT  
GGAATAAATACTGGGTGAATACGCTGAGTTCCTCTAGCTTGCTTACTAATGCAGACTATACCATTGGTCA  
GGTCTTTGATTGTCTGAAAAGTTAGAGCAGTCAGAACCCAGCTGGGACGAGGGAGTTTCATGTTGGGT  
TTAGAACACATGAGCAAGAGTCAAGAACCTTGCCTGAGGACACGAGAGAGCTGTAAACCTACCA  
TAGAAGCTATCCATGGATTGATGTCTCAGGTTATTAAGGATAAGCTGTTTAATCAAATTAACATCTCTTA  
AACAATCACTGAGTAGTGCTTTTGCCTGAAAGCCAGTGTGAGAAAAATACCAAGTAACACTTTAAACC  
AGTTACCAAAAATCTGATTAGAAGTATAAGGTGCTCTGAAGTGTCTGCATATTAACATCCTGTAATAAA  
ACTCTTT  
>GBEQ1083 |Acc|CD467702|Ver|CD467702.1 GI:31388970|LeukoS1\_6\_F03.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F03\_A023 3', mRNA sequence.:Start:1:Stop:584  
CAGACAGGGCACTGGTGAAGTGTCACTAGATTTGCCACCTTCAGCACAGGTGAGCGCAAGCGCGGCC  
ACATGGGGACCGGAAGTCTGCGAGATGGGCCTACAGCTGCGTCAGACCTTCGAGGCAGCCATCCTTACA  
CAGCTGCATCCACGCTCCAGATTGATATTTACGTGACGGTGTCTGAGGCAGATGGTGGGACCTACGCGG  
CTTGTGTGAATGCAGCCACGCTGGCAGTTATGGACGCTGGGATCCCCATGCGGGACTTTGTGTGTGCTG  
CTCAGCTGGCTTTGTGGACGGCACGCCCTGGCAGACCTCAGCCACGTGGAGGAGCAGCTGGTGGGCCCC  
CAGCTGGCCCTGGCCCTGCTGCCGGCCTCAGGCCAGATTGCACTGCTTGAGATGGACGCCAGGCTGCATG  
AGGACCACCTGGAGCAGGTGTTAGAGGCTGCTGCCGGGCGGCCCGTGATGTGCACACCTGCTGGACCG  
TGTGGTCCGGCAGCATGTACATGAGGCCCTCCATCTTGCTGGGGGACTGAGCACCCCGCCCCCATGCCCA  
GAATAAATCCACACAGTCCACTT  
>GBEQ1084 |Acc|CD467698|Ver|CD467698.1 GI:31388966|LeukoS1\_6\_C08.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C08\_A023 3', mRNA sequence.:Start:1:Stop:707  
CAGCCAGCGTTTGAGTCCAGGCTGGCGGCCAGTCCGTGACCAGGACGTGCCAGAAGGCGACAGGCACCT  
GGAACGGGAGGAACATTCTGGTGGTTGACACGCCCTCCATCTTTGAGGCCAAGGCCAGACCAAGAGAC  
CTACAAGGACATTGGGGACTGCTACCTGCTCTCGGCCCCAGGGCCCCACGTGCTGCTGCTGGTGACCCAG



CTGGGGCGCTTCACTGCCCAGGACACGCTGGCGGTGAGGAGAGTGAAGGAGATCTTTGGGGCAGGAGCCG  
TGAGACACATGGTCGTCCTCTTACCCACAAGGAGGACTTAGGGGGCGACTCCCTGGACGAGTATGTAGC  
GAACACGGACAACCACAGCCTGAGGAGCCTGGTCCAGGAGTGCGGGAGGAGACCTGACAGAGAGCGAGAG  
TAACTGGGCGCTCAAGGCGCTCCTCAGAGCCAAGAACTGGATGCTTGCTCACCTTGAATATCTGCTGTT  
ATTGTCATATGCACCTTTGATTTTTCTTGCTGTTTAAATTAACCTTGTTATTTCTCATGGACACTGAGCAT  
TTTCAGATGAGTTCTAAATCAGCTTTTTTTTAGTCACCATCTCTGTTTGTAGGGTACTTTATTTGCTTT  
TTACATAATTTCACTTTCAGTTTCTCCTCCTTGATCAACATGTATCCATTTTCTTCAAGTGCTTTTA  
GGTAAAT

>GBEQ1085 |Acc|CD467693|Ver|CD467693.1 GI:31388961|LeukoS1\_6\_D06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D06\_A023 3', mRNA  
sequence.:Start:1:Stop:626

CAGCAGGCAGATGTGGTGCTAATGTGCTACTCCGTGGCCAACCATAACTCTTTCCTGAACCTGAAGAACA  
AGTGGATTGGTGAAATCAGGAGCAACTTGCCCTGTACCCCGTGTAGTGGTGGCCACCCAGACTGACCA  
GCGGGAGGTGGGGCCCCACAGGGCGTCTGCATCAATGCCATAGAAGGGAGGAGACTGGCCAGGATGTG  
AGAGCAAAGGGCTACCTGGAGTGCTCAGCCCTTAGCAACCGGGGGGTACAGCAGGTATTTGAGTGTGCCG  
TCCGAACTGCCGTCAACCAAGCCAGGAGACGCAACAGAAGGAGGTTCTTCTCCATTAATGAGTGCAAGAT  
CTTCTGAACCCCAAGGAGCTTACCCCAACACTCATTTACTCACCTAAAGGCTAACGGGGACGGGGAGAG  
CAGAGAAGTCGGCAAGGTTTGATGCTCTTCTGGGTGCATCCCCAGCAGCGTTTTCTGTTTGATACAGTT  
GTTGCTGGGCGCTCGGCCATTGGATGTTTTTCTTAAGTACGCTCTACAGATGAACCTCTTGGCCAGTTCAA  
TTGGAAGATCCCTGGGAAGCTAGAATGCATATTCCTTGTTTCGATTAAAAAACTAAAATGGTCTGC

>GBEQ1086 |Acc|CD467692|Ver|CD467692.1 GI:31388960|LeukoS1\_6\_E08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E08\_A023 3', mRNA  
sequence.:Start:1:Stop:626

GAGCATGCAGTCTCAAAATGAAAGGAACTTTACGCTGCCAGAGGTAGCTGAGTGCTTTGATGAAATAA  
CCTATGTTGAACTTCAGAAGGAGGAAGCCCCAGAACTTCTGGAGCAGTATAAGGAAGAAAGCAAAAAGGC  
TCTTCCACCAGAAAAGAAACAGAACACTGGCTCAAAGAAGAGCAATAAAAAATAAGAGTGGCAAGAACCAG  
TTTAACAGAGGTGGTGGCCATAGAGGACGTGGTGGATTCAATATGCGTGGTGGAAATTTAGAGGAGGAG  
CTCCTGGGAATCGTGGTGGATATAATAGGAGGGCAATATGCCACAGAGAGGTGGTGGCGGTGGTGGAG  
TGGTGGAAATTGGCTATCCATACCCTCGTGGCCCTGTTTTTCCCAGCCGAGGTGGTTACTCAAACAGAGGG  
AACTACAACAGAGGTGGAATGCCCAACAGAGGGAACATAACCAGAACTTCAGAGGACGAGGAAACAATC  
GCGGCTACAAAAATCAATCTCAGGGCTACAAACAGTGGCAGCAGGGTCAATTCTGGGGTCAGAAGCCATG  
GAGTCAGCATATACCAAGGATATTATTGAATACCCAAATAAAACGAAGTATACATATTTCTCC

>GBEQ1087 |Acc|CD467691|Ver|CD467691.1 GI:31388959|LeukoS1\_6\_E11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:581

TCCCCATCCGACACCGGCATCAGGGCAAAGGAAAGATGTAGGGGCTGCAGACCCACAGCCCAAGGACGG  
AGGCTGCAGATCAGCTCCAGCCAGCTGTAGACGCCCAGGAAGAGACCTCTATGCTGCCGTGAAGGAC  
ACACAGCCTGAGGAGGGGGTGAGCTGCACCATCAGGGCACTCATGATGAAGACAACAAGAGAGTAAAGT  
ATGCCAGGCTGCTATATCTGAAGCCCCCAGGACGTGACCTACGCCAGCTGAACCACTTGACCCCTCAG  
ACGGGAGATGACATCCCTTCTCCTCCAGTCAGAGGAGCCCCCAGCAGAGCCAGTGTGTACGCTGCTCTG  
GCCATCCACTAGCCAGGAAGGACCCGGATGCCACCCTCCATGGAGGGAGACTGCAGGGACCCAGAGA  
CATAGGAGCTGCCTCCAGAGGACACTCAGCTAATGACCCCGAGCCAGCCTGGACTCCTAACATGGACCAC  
CAGGAGCTTCTGGGACTTTTGGGGAGTCACCTGATTCTGCAATCAAAGATAACTGATATCCCCACATTG  
GAAATAAAGCAACAGATTCTC

>GBEQ1088 |Acc|CD467688|Ver|CD467688.1 GI:31388956|LeukoS1\_6\_F06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F06\_A023 3', mRNA  
sequence.:Start:1:Stop:650

CGAGAAGGCCACGCTCGTGTGCCTGGCCACAGGCTTCTACCCCGACCACGTGGAGCTGAGCTGGTGGGTG  
AATGGGAAGGAAGTCCAGACTGGGGTCAGCACGGACCCCTCAGCCCTACAGGGAGCAGTCAGATGATGAAA  
ACCCAGCTACTGTGTGAGCAGCCGGCTGAGGGTCTCTGCTGCCTTCTGGCACAACCCCCGCAACCCACT  
TCCGCTGCCAAGTCCAGTTCTTTCGGCCTCGAGGAGAACGATGAGTGGAAAGAGAACCGGACCAAACTGT  
CAGGCAGAACATCAGTGCTGAGGCCTGGGGCAGAGCAGACTGTGGCCTCAGCTCAGTGTCTATCAGCGA  
GGGGTCTCTGTGCCACCATCCTCTATGAGATCCTTCTGGGGAGGGCCACCCCTGTATGCTGTACTGGTCA  
GCGCCCTCGTGTGATGGCCATGGTCAAGAAAAAGGATTCCTGAGACCAGCTCCAAAAGTGTATCTCTGG  
TTGTTCTTAATCCTTACCCTAGAGTGTCAATTCAGTGCTTCCAATCTGTGTTCTTAAAGAGTTATTCTCT  
GTCTACCTTTTATCTCTTTCTGCATGTCTGTCCCTTCTCTGCTTCCCTGAATCTGAAATAGACTAAG  
GTAATAAAGTGTCATGCTG

>GBEQ1089 |Acc|CD467686|Ver|CD467686.1 GI:31388954|LeukoS1\_6\_B09.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B09\_A023 3', mRNA sequence.:Start:1:Stop:685  
AGAAGTTGCTGCTGACGCTCTGGGTGAAGAATGGAAGGGCTACGTGGTCCGAATCAGTGGTGGGAACGAC  
AAGCAAGGTTTCCCATGAAGCAGGGTGTCTTGACCCACGGCCGTGTCGCCCCCTGTTGAGTAAGGGGC  
ATTCCTGTTACAGACCGAGGAGGACCGGAGAGAGAAAGCGCAAGTCTGTGCGCGGTTGCATTGTGGATGC  
CAACCTGAGTGTTCTCAACTTGGTCATTGTAAAAAAGGAGAGAAGGACATCCCTGGACTCACGGATACT  
ACTGTGCTCGCCGCTGGGGCCCAAGAGCCAGCAGAATCCGCAAACCTTTCAATCTCTCTAAAGAAG  
ATGATGTCCGCCAGTATGTCGTGAGGAAGCCCCATAACAAAGAAGGTAAGAAACCTAGGACCAAAGCACC  
CAAGATTACGCGTCTTGTACTCCACGTGTCCAGCAACACAAACGTCGGCGTATTGCTCTGAAGAAACAG  
CGCACTAAGAAAAATAAGGAAGAGGCTGCAGAAATATGCTAAACTTTTGCCCAAGAGAATGAAGGAGGCCA  
AAGAAAAACGTCAGGAACAGATTGCCAAGAGACGGAGGCTGTCTCTCTGAGAGCTTCTACCTCTAAGTC  
TGAGTCCAGTCAAAAATGAGTTTTCTAAGAGTAACAAATAAATAAGATCAGACAT  
>GBEQ1090 |Acc|CD467684|Ver|CD467684.1 GI:31388952|LeukoS1\_6\_A10.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_A10\_A023 3', mRNA sequence.:Start:1:Stop:694  
CAGCCGACCGGTCTGTGACTGGTGGAGCCTGGTACAGTGACCAGGATTTTGAATCCGAATTNGTAGAGG  
TGCTTAACCAACAGTGCTTTAAATTCTTACAAGCAAGGCAGAAACAGCAGAGAAAGCAAACAGAAATCC  
GATGATACAAAGAAATAGTTTCATTGCTTCGTCACATGAAGTGTGGAAATACATCTGTGAATTGGGATCC  
AGTAAGGTTTTTATGACTGCCATGAAGGTGGTGAGATTTTACCATCTAACTGTATTTACATGACAGAGT  
GGCTTGAATTTTAAAGAGAGCTGTGAACCTTTACTGACATTTTGCAAATGAAGTTACTTTGGGAGCAGAT  
AATTTAATTCGTGATGGAACATCAAATTCCTGGAAAGCCAACCTTACAGTAATGGATACAGACTTGCTG  
CTGTGAAAATATGTTTTTTTATCTATGAACACTAAATTTTATACTGGTAGAGTAGCCAACAAATATGAAG  
CAGGTAAGGTTAGTAGTAAATCTACTCTTAAATAAATAAAATACTTTGAAGTTCTGGAGGACCGCCTTC  
TGAAGCTTTCAAGACTTTTGTGTTCAAGGAAAAAGCCAAGAAATCCATGTTTACCAAGTACTGTGAT  
AGTGGCTAGAGCTTAAAGATGCCATTTTAACTTATTTATTAAGTCTTCAATGCAAAATTTT  
>GBEQ1091 |Acc|CD467683|Ver|CD467683.1 GI:31388951|LeukoS1\_6\_F02.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F02\_A023 3', mRNA sequence.:Start:1:Stop:192  
TTTAAGATTAGATAAAATTGGCTTCTTGGTGTAGCTCAGTGAGCGAGCAAAGCACCAATATATTTGT  
ACTTGCTTTCTTCAAAGACCCCGGGTTCTGTCACTCACTAAACTGTCAAATTTGGGAGGGATTTTAA  
AATTCATAATGATTTGAAGAAATGTATAAATAAAATCTGCTTTACGACTT  
>GBEQ1092 |Acc|CD467682|Ver|CD467682.1 GI:31388950|LeukoS1\_6\_B12.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B12\_A023 3', mRNA sequence.:Start:1:Stop:706  
GCGGGGACCCGCCACAGGCCACCGCTGCTGACGCGCGCAAGGCACCAGCATCACCTCCAGAGCTGCCT  
GGACGCCCTCGGCCTCTACAAGCAGGCGAAAGACCTGGCTCTGGCGGCCGAGGCGCTGCGGGTCGCCCG  
GGGCACCTGACCCGTCTCACCGGTGGAGGGGCGACCGAGGATCCTGGACCTCATCTTCCGGGACTTCT  
GCGTGGGAAAATAAGGGGATTGGCGAAGCTCGGACCCAGGCTGGGTGGACGCCCGGAGGCTGTGAGACAT  
CTGAGAACAGCTTAGGCCAAGTGGACTCTCATCCCTGGGGGAAGAATTGACCCCAAACGGTGAAGCCC  
CTGTTGTTGGCCAGATGCGGCTGGGGGCGACTTGCTGGGCGCGCAGGTCCAGGAGTAGGACTGAAGGAAG  
TCTCTCTGGGCACCTGATGCTGGGGAAGTAGGAGTAGAGGGTTGGGACGAAGCTCGGAGGGTCTCAGGGT  
TTTTGTTTTCATGACTTTAAATTTTGAAGTACCCAAGGAATGTGAAAACTCAGGTGATCTGGAAATGTT  
TAAACCTCCCTGGGTTTGACCTTCCCTGGGGTTCATGGCTTAACCTTGTGTCTTCCAGAACTTTCTGTGT  
GTGTTTGTATTCTTGTGGCTGCACCTGTAAATATGTTTGTCTTGCAATTTATACATAAATGTGTTTT  
ACTTTT  
>GBEQ1093 |Acc|CD467675|Ver|CD467675.1 GI:31388943|LeukoS1\_6\_E07.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E07\_A023 3', mRNA sequence.:Start:1:Stop:588  
ATCATCAGCTCCTAATAGTAACCTCCATCCGTTCTGCCACTAGCAACCCCTTTGGTTTAGGTGGCCTT  
GGAGGACTTGAGGTCTGAGTAGCTGGGTTTGAATACCTACCAACTTCTCTGAACATAAGCCAGATGC  
AGCGGCAACTTATGTCTAATCCTGAAATGATGGTCCAGATCATGGAGAACCCCTTTGTCCAGAGCATGCT  
CTCAAATCCTGACCTGATGAGGCAGTTAATTATGGCCAAATCCGCAAATGCAGCAGTTGATACAGAGAAAT  
CCAGAAATTAGTCATATGCTGAATAATCCAGATATTATGAGACAAACATTGGAACCTTGCCAGGAATCCAG  
CAATGATGCAGGAAATGATGAGAGATCAGGACCGGCTTGAGCAACCTGGAAAGCATCCAGGGGGGATA  
TAATGCTTTACGGCGCATGTACACGGATATTAGGAACCAATGCTGAGTGCTGCACAAGAACAGGTGATA  
ACTTTGGCTCCAGAGCTCAGGCCAGAGGACAAATATGTGTGTAATTGAGGGGTACCTTTATATGGGGAAAT

GTGATTTTCATTAAAAAAGAGTTTCAT  
 >GBEQ1094 |Acc|CD467672|Ver|CD467672.1 GI:31388940|LeukoS1\_6\_F12.b1\_A023 Stimulated  
 peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_F12\_A023 3', mRNA  
 sequence.:Start:1:Stop:275  
 CCAAGGCCAGGCCCGCAGCCCCCGCAGAAGAAGTTAAACCTGCGGAGGCCCGGCAGTTAATTCGGA  
 TCAAACCATCACTCCCACTCCCCTTGTCTTTGCAAGGGGAGTTGGGAGTGATGGTTGATTTTGTGTC  
 ACAGACACCAACACACCACTCATTGGAAAATGGAAAAAATAAAAAATAAAAAACCCAAAAAATGTA  
 CAATGGATGCATTGAAATTATATGTAATTGTATAAATGGTGCAACAGTAATAAAGTTAAACAATT  
 >GBEQ1095 |Acc|CD467671|Ver|CD467671.1 GI:31388939|LeukoS1\_6\_D01.b1\_A023 Stimulated  
 peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D01\_A023 3', mRNA  
 sequence.:Start:1:Stop:624  
 GTAAAAAATAATCTGCCTATGCATGTTTTTAAAGGAAAAAATGGCTGTATCGGCCTCTATGGGACTG  
 TAACGCGCTTAGTGGTCTGCATATACAGGAAATGTATGTATACTGGCGTACTTTATATTTCTCTAAAATG  
 CTTAATGCCTTTGAAATTTGTAATCAAAAAGCTTTGAAAAAATCTGAAGGGGAGAGTATTCTTAAAG  
 TTTTAAACATAAGCTTGTCAGTGCACATATAGATGGTTAGCATGTTAGCAGACCTTGTGAAATTTAAATA  
 AGTTTGTAGTTACATGTGGAACCTCTAAATGCATGGTAACTGTTAATGTCATAACAGTTTAGTTATTTTGT  
 TCTGTTCTGTCTATGTGCCACAAAACATGTACTTTTCTTTTCACTTTTTTCCCTTTGTATCTCAGTTACGGG  
 TTACAACCTGGTTCACTCTGAAAAACAACAGCGGAAGTCCCTTCATATTTTTTTTAACTGTATAAGTGCC  
 CAGGTAATTCACCTACAGCCTAAAGCCTTGCTTTGTAATTTGACTTCTGAAATGTTGGCAATCAAAGCAT  
 GCCTTGTAAACATGACAGAGAAAAAGCATTTTATATTACTACTCAATAAATGTGCATGAACCT  
 >GBEQ1096 |Acc|CD467668|Ver|CD467668.1 GI:31388936|LeukoS1\_6\_G07.b1\_A023 Stimulated  
 peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G07\_A023 3', mRNA  
 sequence.:Start:1:Stop:682  
 GAAACCAGGAGGTGAGTGCTTTTGGTGAGGAAGGTGAAGGCGATTATCTGGATGACTGGACAGTGCTCTG  
 TAATGGGCGCTACTGGGTGAGGGATGGTGAGGTGCGATTCAAGCATTTCTTCTACCGAGGTTCTGCTGTCT  
 GTCACAGGAGAACAAATATGGTCGACCCATTAGTGGGCAAAAAGAGGTGCATGGCATGGCCAGCCAGCC  
 AGAACCAATTACTGGAAAGCCATGGAAGGCATCTTCATGAAGCCAGTGAGTTGTTGAAGGCAGAATCCCA  
 CCACGCAGAGCTCTGAGTCTGGAGGCTGTAAGCCACTGTACCACACAGTGTTTCATAGACATTTGCTTCT  
 ACTTCACCCCTGGGATCCTTGCCACAGGTTCCCTGGGCAATGGCCATGTCACCACTGAGATGGAGATGCAC  
 GACAGAAAAAGTGGCTGTGTTTGAAGCTTCAACCCCTTCACTTGAATTGGTTGTTTTCTTAGACTTGG  
 GTCAGTTCTTTTGTAGTACAGGACTTCCTGGTGGAAGGAGCAGATACTTTTTATTTCATATTGATAAAACAA  
 ACTGAGGGAGACAACCCCTCCTAGCTGGGACATTTTTACTTCCAGAAGCTTGGCATCATGGATTGTTAATG  
 GTGTGACTTTTTCTGTTCTTTCTCCAAATGATAAAAAAGAATTTTATTGT  
 >GBEQ1097 |Acc|CD467666|Ver|CD467666.1 GI:31388934|LeukoS1\_6\_B08.b1\_A023 Stimulated  
 peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B08\_A023 3', mRNA  
 sequence.:Start:1:Stop:564  
 TTTGCTCGTATTAGTTTAGAAGTATTGGTTAGGTTTCTGTATGCCTGAACCAGCGAAGTCCGCTCCGGT  
 CCCGAAGAAGGGTTCTAAGAAAGCAGTGACCAAGGCGCAGAAAAAAGATGGCAAGAAGCGCAAGCGCAGC  
 CGCAAGGAGAGTACTCTGTCTACGTGTACAAGGTGCTGAAGCAGGTCCACCCGACACCGGCATCTCGT  
 CCAAGGCCATGGGCATCATGAACCTCGTTCGTCACGACATCTTCGAGCGCATCGCGGGCGGGCGTGGCG  
 CCTGGCGCATTACAACAAGCGCTCGACCATCACCTCEAGGGAGATCCAGAAGCGCGTGGCGCTGCTGCTG  
 CCCGGGGAGCTGGCAAAGCACGCCGTGTCCGAGGGCACCAAGGCTGTCAACCAAGTACACAGCTCCAAGT  
 AAAGGTATCTGTAAACAGCGCCAAGGATTCAAAGGCTCTTTTAAAGAGCCACCCACATTCTCTCAAAGATC  
 TGTAACCTCTCCAAACAGGTTGAAAATGGCTATAGCACTCAATGTAGTAGAAATTTATTAATAATTTGGGAC  
 ACGT  
 >GBEQ1098 |Acc|CD467659|Ver|CD467659.1 GI:31388927|LeukoS1\_6\_D08.b1\_A023 Stimulated  
 peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D08\_A023 3', mRNA  
 sequence.:Start:1:Stop:629  
 CCAATGCAACAAGGCAATGAATGGTGTCAATAATTATACCAAGCACTGTAACCTGAAAACACCTTTCTA  
 CATGACTCCTTCCAGAACGTGGCTTCTGTCTGCAATTTGCGCAGCATCATCTGCAAGAATGGCCAGAAGA  
 ACTGCCACCAAGAGTTCCAGGCTGTTTCGATGACCGAGTCTGAGTCTCACGTGAGGGAGTATCCTAAGT  
 CCGCTACAGGGATGCTGCCCCATACAAGTCTTTCATTGTTGCTGTGAACCCCTCAGCAGGGTGACCTT  
 CCATATCACTTGGTTCTGTACACTTAGATAGTATTTGTTAAAGTTTCCACCATTTTCCCTCACTTGGC  
 ACAGGTTCTCTTATAATCTCCTCTGCTTTTTTTTTTTTCTTTTATTGATTTTCTTGGTTCCCATAGAA  
 GAAAGAAGGAAGATATTGGGAAAATTAGATTGCCTAAGACACAGACAGAGTTGGGACAAAAAGAAATG  
 GGATCTTTTCTGCTTTGGAGCTTTGTGTGTTTTGAAGGAAGGCAACAAGGAAGAGGGCAAAGAAAGATCC  
 AGGACTCTGTATTTTTAACCTTGAACCTTCTGCCAAGCTTTGTAGCTCTCTGTTTACAGCAATAAAACT

>GBEQ1099 |Acc|CD467657|Ver|CD467657.1 GI:31388925|LeukoS1\_6\_D11.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D11\_A023 3', mRNA sequence.:Start:1:Stop:708  
 CAGCCATGATGAGATGTTCTCCGACATCTACAAGATCCGGGAGATCGCGGACGGGCTGTGCCTGGAGGTG  
 GAGGGGAAGATGGTCAGTAGGACAGAGGGTAACATTGATGACTCGCTCATTGGTGGAATGCCTCCGCTG  
 AAGCCCCGAGGGCGAAGGTACCGAAAGCACAGTAATCACTGGTGTGATATTGTCATGAACCATCACTT  
 GCAGGAAACCAGCTTCACAAAAGAAGCCTACAAGAAGTACATCAAAGATTACATGAAATCAATCAAAGGC  
 AAACCTTGAAGAACAGAGACCAGAAAGAGTAAACCTTTTATGACAGGGGCTGCAGAACAAATCAAGCACA  
 TCCTTGCTAATTTCAAAAACCTACCAGTTCTTTATTTGGTGAAAACATGAATCCAGATGGCATGGTTGCTCT  
 GCTGGACTACCGTGAGGATGGTGTGACCCCGTATATGATTTTCTTTAAGGATGGTTTAGAAAATGGAGAAA  
 TGTTAAACAAATTTGGCTATTACTTTGGATCTACACCTGTCTATACTGGCTGCTGCTTTTTCATCCACACAA  
 CACCAGGACTTGGACAAATGGGACTGATGTCTATCTTGAGCTCTTCATCTATTCTGACCTTGATTTATTTG  
 GAGCGGAGGCATTGTTTTTAAGGAAAAAACATGTCATGTAGGTTGTCTAAAAATAAAATGCATTTAAACT  
 CATTGAAA

>GBEQ1100 |Acc|CD467648|Ver|CD467648.1 GI:31388916|LeukoS1\_6\_C09.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C09\_A023 3', mRNA sequence.:Start:1:Stop:702  
 GGTGGCTGGGGGCCATGGAGCTCTGTGGCCCCCTGTTCTGTGACCTGTGGCCTGGGTGACGGCCCTGGAAC  
 GACGGACATGTGATCACCCTGTGCCCCAGCACGGGGGGCCCCCTCCTGTGCCGGTGATGCCTCCCGGAACCA  
 CATCTGCAAGTCGGCTGTGCCCTGCCCTGTGAACGGAGAGTGGGGTCCCTGGGGGGAGTGGAGCACCTGC  
 GCCGCCCGGAACATGAAATCTATCAGCTGTGAGGAAATCCCAGGCCAGCAGACACGCTCGAGGAGCTGCA  
 GGGGCCGCAAGTTTGACGGCCAGCGATGTGTCGGGGAACAACAGGATATCCGACATTGCTACAACATCCA  
 GCGCTGCCAATGGAAGGCTCATGGTTCGGAGTGGAGTACCTGGGGGCTGTGCACGCCCCCGTGTGGACCC  
 AACCCCATGCGCACCCGCCAACGCCTCTGCACAGCCCCGCTCCCCAAGTTCTGCGCGCACCGTCACCATGG  
 TCGAAGGGCAGGGTGAGAAGACGTCACCTTCTGGGGGAAACCGTGGACGCGAGTGTGAGATGCTGCAGGG  
 GCAGAAGGTGGTGGTGGAGAGAAACGGCCATGTCTACACGTGCCCTGCCTGCAAAGACCCCTGAGGAATGA  
 GAAGCTCTAACACCTCTCTCTCCCACTCTGACTCCCTGACTTCTCAGACCTCAATAAACACGCTCTTCC  
 CC

>GBEQ1101 |Acc|CD467647|Ver|CD467647.1 GI:31388915|LeukoS1\_6\_B10.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B10\_A023 3', mRNA sequence.:Start:1:Stop:700  
 AAGACATTCACAGGACACAGAGAATGGGTACGTATGGTGC GGCCAAATCAGGATGGCACTCTGATAGCCA  
 GCTGTTCCAATGACCAGACTGTGCGCGTATGGGTCGTAGCAACAAAGGAATGCAAGGCTGAGCTTCGAGA  
 ACATAGAGCATGTGGTAGAATGCATTTCTGGGCTCCAGAAAGCTCATATTCTTCCATCTCTGAAGCAACA  
 GGATCTGAGACTAAAAAAGTGGCAAACCTGGGCCATTCTTACTGTCTGGATCCAGAGACAAGACTATTA  
 AGATGTGGGACGTGAGTACCTGGCATGTGCCTTATGACCCCTGTGGGTCATGATAACTGGGTACGTGGAGT  
 TCTGTTCCATTCTGGGGGGAAGTTTATTTTGTAGTTGTGCTGATGACAAGACCCTACGTGTATGGGATTAC  
 AAGAACAAGAGATGCATGAAGACCCTGAATGCGCATGAACACTTTGTTACCTCCTTGGATTTCCATAAGA  
 CGGCCCCATATGTGGTTACTGGCAGTGTAGATCAAACAGTAAAGGTGTGGGAGTGCCGTTGATTGAGTCT  
 CATTTGGCCCCCTCCTCCCTTTTTTCTCTGGATGCACTCTGATGATACCATGGTTACCCCATTTGAGCTCT  
 GTTTAAATAAATATTGTCCTTTTCATGTAAATTATTTCTGGATGTAGATTGAGCTTATTAAATGTTACACAC

>GBEQ1102 |Acc|CD467642|Ver|CD467642.1 GI:31388910|LeukoS1\_6\_B03.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_B03\_A023 3', mRNA sequence.:Start:1:Stop:730  
 TGGATCAAAGCCATCCAGGAGGTCCATTGCGCTGCCAGAAACCATTGACTTGGGTGCCTTGTATTTGTCC  
 ATGAAAGACGCTGAAAAAGGAGTAAAGAACTGAACCTAGAGAAGGACAAGAAGATTTTAACTACTGCT  
 TCACAGGTAAGTGTGTCATTGATTGGCTGGTTTCCACCAGTCCATTCCAGAGCTCGCAGAGGTGGCCCTG  
 AACATTGTGAGCACCTTCAGTTCTCGGGGTGATGACACTGTGATTGTGCCTGAGCTTTAAGCGCAAGCTG  
 TAGCAGCTCCTGCTTGGCCCTTTGAGGGGCCCTCATGAACCCACCAACCAGGGTGGTCTGACCTAGATTCAA  
 ACCGGTACCTGTTTTTACGTTTGTGACCTTGTCACATAATAAGTGATTCTAATCCAAACTTGCACTGTG  
 TGAAGGAGTATTTTCCAACCTTCAGATTTTAAATTGTAGGTCCCCGTGAGGAAAGAAGAGTAGGAAATTC  
 TTCCTGATTTTATCAACTCCTTTCTTCCCTCCCTAATTCACACAATTTCCATGAGACTATTCTCTGCT  
 CCTCGATGGCTTTATCAATGGCCTAATGATAAAAGACTGTCTTTTCTCTGATTCTTTAATCAACTGTCTC  
 TTAGAACATGCACAGTAGTTTTTCTACATTCTGTGTGAAAAGTATTTATTAAATGTGGAGTCGACTTTATG  
 TTTTGAATAAATACATGACCAAGTTAGTTC

>GBEQ1103 |Acc|CD467640|Ver|CD467640.1 GI:31388908|LeukoS1\_6\_E09.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E09\_A023 3', mRNA

sequence.:Start:1:Stop:557

GAGTCCCGCTCAGCTTCAGCCACTGGAACACAGGGGGAGCCCAATGACGCTCAGGGGCGCGAGGACTGCGT  
CATGATGCTGCGCACGGGGATGTGGAACGACGACGCGTGTGAAGACAAGGAGAGAGACAGCTGGATCTGT  
GAGAAGAGGCAAATTTGCTGACCCCGCCAGTGCCTCCGAGCCACGCCCTCCACCACACGTGGGTTTTTT  
GAGCTGCTCCTCCTCATGGATCTGCCCACCGCCCTGATTTTTTTTTTTTCTACCAACCGCTTGCCCT  
AGCCAGCCTGGTCCAGTGCCTGCGCTTGGGGACCTCCACTTTAGCTTAAGTCAACCGCTCACACACGGA  
CCTAACCTAGCCTTTACCGGCTCCAAAATCCGGGCTCCTCGGCCCGTGATTTGACCCCGCTCCCTCCCT  
AGCTAAGGTGAGGTGACTGAGGGGTGGAGCTGTTTAGTTTGCTTGCAATTTCTTCCAGACTGGAAGACCT  
CAAAGACAGGGGTTTTGGAACTGTCTTTGCAGCCCTAGAGAGCATCCATAAAAGTTTGAGAAATGG

>GBEQ1104 |Acc|CD467639|Ver|CD467639.1 GI:31388907|LeukoS1\_6\_D10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D10\_A023 3', mRNA  
sequence.:Start:1:Stop:587

AGGGAGGGCCGTGCTCAAAGCAGGGCTCTCCAGTTCTCCCTCAGGCAGCTCGAGCAGCGACCGCTGCTC  
CTCATGGCTCGCGGGGTAGGGGTCTGGGTGGTTGGACAGGCCCTCTTGAGAGGGGAGCTCTGTGTTA  
GGGGTTTGTGTGGGGGCAAGCAGATTTTTATAGGAGGGAGAGGGTGCCCTCAGCCCATGGACCTCATCCA  
AGGCCCTTCCCATCTGCCCCACCTCCCCCGTGTGTTGCACTTTGAAAAGCAGCTGAACAAGGAGTCAG  
ATGTTTGAAGATGGCGGGAGGAGAGGCTGTGGCTGGGGCACACCAATGGGCCACTCTGGGCCCGGGAGTT  
GGGCGCTATTGTCTTTCTGGCCCTGAACATGGAGCCCTGACTCCAGACAGCTTCCAGCTCCCGTCACA  
TCATGGCCTGGACTGTTTTCTCCTGGCTCCTCGTGTGCTGCTCCTTTACAGCCTCTCCCCAGTGCTGGTAT  
ACAGCAGGTGCTCAATAAATATTTTCGG

>GBEQ1105 |Acc|CD467636|Ver|CD467636.1 GI:31388904|LeukoS1\_6\_D03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:659

AGGTGGGCTGGGTGGTGGAAATGAGAGGCCCTCCCCGTGGAGGCATGGTGCAGAAACCAGGATTTGGAGTG  
GGAAGGGCACTTGCTCCAAGGCAGTGAATTGCTCTTACCGCATCTTCGACAGCAGGACAAACCCAGCT  
CTTGCGAATGGTGAATTTCTCAGCCAGCCTTTGGTGTCTTGGAGTATGATCCCTAGTCTGTTATAAA  
CTGCTTATGTTGTACAATTTTACTTTTTGTGGTGTGCTCCCTCCCCCTCCCCCTGCCCTCTCCTACCTT  
TTAGTCTTCACTTCCAATTTGTGGAATGATATTTAGAAAAAACGGATTTTTAAAGAAGAAAAAAA  
GACTGAATTCCTTGCTTTACTTGGCATTATACAGACTGGATTTTTCTTTTAACAGCCATTTCCCAAA  
GGAATGTGTTTTGCTTATTACTGACATTTGGTATGTTTCATTTCATTGGAATATTTCTTACTTATTTCTA  
CGTGTTCAAAAGCCTGTGAGAAAAACAGGATTTGATAAACATTTTGAAGTCAGGAAAAACCGAAATGT  
TTCTTTGAAAGTCATGACTACCTTCTGGTGTGGAGAAATTGCCATTGGAAAAATTGACAATTTTGATTCT  
CAGTGGTATGGTTGAAAACCTGAATAAAG

>GBEQ1106 |Acc|CD467539|Ver|CD467539.1 GI:31388807|LeukoS1\_5\_G08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G08\_A023 3', mRNA  
sequence.:Start:1:Stop:268

GAATCATGTCCTAATTTTACAATATTGATCTGTATTGATTACCACTGTAGTTTGGTATTTCCCTTTA  
CTTTGGTGGCCTGTCTCCCTCATGCCCCTGGAATACAACCTCAGAGCTCCAGGCAGCGGAACCATCTATTGT  
TTTGTGTTGCCAGAAAGTGCACCTGTATGGTCTCCTGTCTAAGTTGGAAATATTATGCATGTGCAGGACT  
ATTCAAATATTTTATAAACAGTAGCACACAATAAATTCATGCATGGGCCGCTGCTCC

>GBEQ1107 |Acc|CD467538|Ver|CD467538.1 GI:31388806|LeukoS1\_5\_A07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A07\_A023 3', mRNA  
sequence.:Start:1:Stop:619

AAGATGTTTGCAGAACAGTTAGGCCTGTAAACTTTCATCCAATCCTATCAAATGATGAACCTCAGGAGTTC  
AGAGAAGTGTAAGGGGTCTTGGAACTCTCACTTTGATGAAGCAATAGTTTATGATATGATAAAAAATATTT  
TCATCAATATTTTAAATTTCAATTTCCAGAAGAAGCAAGCTTCAGCAACATGTCAATTGAGTTTATAT  
CTGAAAAATGTACTAACCTCTATAATTGTACATATAATTGCACTTTTTTAAGATAGTTTCATTCTGGCAAGA  
TATATGAAGTTAGTAAGGGGCAAAAGAGTCAAGGGTCAATCTAGCATCCTGTATCTTTTTTGTACTGTT  
CAATCAATAGGCATATAAATTTATGATAATTTTAAGAAATGCTTTTTAAACCAAGCTTAATTTCTGAT  
TTGGATTGTTGCTAGTAAAAATCTTATGAACCTTTATGTAGTTGAGCATTCAATCAAAGCAAAATCTGACT  
TTAGAATATTTTAAAGATGTATAAGTTGTATTGCATTTTGTACATTTTATGCAAACCTGGGTTAACAACA  
TTGCCTAGTTGAACCTCTCAGGAACTTGTTTTAATAAATATGTGAAATATCAATCTT

>GBEQ1108 |Acc|CD467534|Ver|CD467534.1 GI:31388802|LeukoS1\_5\_B12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B12\_A023 3', mRNA  
sequence.:Start:1:Stop:401

AGACTTTATAGTTTCATGGTTTTTCAGTATATAAAATCTGTCCATTCCCTACCTGGACAAGTCCCATGAAAA

AGTGGAGAGATTTTAAATAATTTTCATTCAGATGTTTTATTTAAGCAGGTAGCCCAATCTACTAATGTGGA  
TTGATCTGTGTTTTATTATATGGGTTGTAATTAATTTTTTTAATTCATGACTAGCAGGAAATTTATTAAAT  
TAACATTTAACTCCATTCCTCCCTTGTAAATAGTGTATAAAACTTGTTGCCAATGCACTGACTTTAGAAAG  
ATGTTGATGTCCATAAAATAAAGTGTAAATAAAATAGTGTGATGTACTGAAATATGAACGTGATAAAAAA  
GTATTGGTAATTGTATATGGAGTGTACTTGTCTTATCTGTAACATATTATCCA  
>GBEQ1109 |Acc|CD467533|Ver|CD467533.1 GI:31388801|LeukoS1\_5\_B05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B05\_A023 3', mRNA  
sequence.:Start:1:Stop:674  
CCAGAGCAAGAAGAAGCATAAAACTGTGACTTCGCCTTGTCTGCGAGTTCTCTCATCCTTCTGAGTCTGT  
TGTGTTGTTTTGGTTCCATCATTAAATGCACAGTAGTGGAGACTTGTGATAAGCTGCTGCTCTCATATTTT  
TAAGAAATATAATAAAGCACTTAGGACAGGGGAAATCCTCTCAGTAATCACGGAACCTGAGGATGTGATT  
TGTTTGCTTTATTTTGTATGTACTTCTTTTATGGCTGTCTCATCTGAACATTATTTTAGCATGGTAATTCTG  
GATTTTGTTTCATATTTTCTCCAGATAGAAATGTAAAGATCAAACCTGTGCAAAATATTTCAAAATGCACATG  
CTGTTTTATTCAAATGCCCTCTTTTGTACATGTTTCATGTTCAATGTTTCTTAGAATCAGCAACTCAATGA  
AGGTACTATGAGGATTTTCTCACTGGCATAATTTTGATTACATGCTAAACAGGAATATATGTTAATATGA  
GGAAATGTAAATTAATTAGTTATAAATAAATAACAAACCAAAATGTATGTAAACATTCAAATGATTAT  
CTGAACAAATGTGATTTTGTATGTTTTCTTAACCCATGTGATGTCTCTCCAAATGTGTAGGGGAAAAA  
TTCACAGGGCTTCCAGATCACTTTTCACTATTAAATTTTATTT  
>GBEQ1110 |Acc|CD467524|Ver|CD467524.1 GI:31388792|LeukoS1\_5\_G07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G07\_A023 3', mRNA  
sequence.:Start:1:Stop:689  
ATTCATTTAAACTGTGTTGTTGAGTTTACTTTTGCTAAAGCGCTGTTCTCGGTGTCCCATTTTCTTTCTT  
TATTTTTTTTTTTTCTTTTAAAGGAAGATTAGCCCTGAGCTAACATCTGCCATCAATCCTCCTCATTTTG  
CTGAGGAAAACCTGACCCTGAGCTAACATCTGCACCCATCTTCTCCACTTTATATGTGGAACACCTGCCA  
CAGCATGGCTTGACAAGCAGTGCATAGGTCTGCACCCGGGATCCGAAGTGGCAAACCCAGGCCATTGAA  
GCGGGACGTGCACATTTAACTGCTGTGCCACCTGGCCAGCCCCCTCAGTGTCCCCTTTTCTTAACTAGG  
ATCTGATTTTGCCTTGTATCCCAATTTATTTTAAAGCTTTAAGAATAGAAGTCATCTAGTATAGAATCAGG  
AAACAGAGATTAAACAAGCAATTTATTTTGTAGTTACAACATTATTTCTTTGTATTAAGTTTATTTGGTT  
TATATGTCTCATGCTCTCTTGCACAAAGAACTGTAAAGAAATACTGTATCTTTTATATTGATCATTTGGCTT  
TTTCTGGAGAAATGGCCGATGATTCTGGACAAAGCTCACGTTTATGAGAAAGATGCCATATGGGGAAGAA  
AATGTTGCCCTTTTGTAAAAACAAACCTTTTCAGACTAAATAAAAAGAAATGCCAAGCTG  
>GBEQ1111 |Acc|CD467521|Ver|CD467521.1 GI:31388789|LeukoS1\_5\_G10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G10\_A023 3', mRNA  
sequence.:Start:1:Stop:766  
AGCAAGGAGGAGATCGAGCGCATGGTGCAGGAGGCGGAGAAGTACAAAGCCGAGGACGAGGTCCAGCGCG  
AGAGGGTGTCTGCCAAGAATGCCTNGGAGTCGTACGCGTTCAACATGAAGAGCGCTGTGGAGGATGAGGG  
GCTCAAGGGCAAGATCAGCGAGGCGGACAAGAAGAAGGTGCTGGACAAATGCCAGGAGGTGATTTCTCTGG  
CTGGACGCCAACACTTTGGCCGAAAAGGACGAGTTTGAGCACAAAGAGGAAGGAGTTGGAGCAGGTGTGTA  
ACCCATATAATCACTGGACTGTACCAAGGGGGCGGGTGGCCCCGGGGCTGGTGGCTTTGGGGCTCAGGCTCC  
CAAGGGTGGCTCTGGGTCTGGCCCCACCATTGAGGAGGTGGATTAGAAGCCTTACCTTCGTTTTTCCATG  
TTCATCTTTGAGGCATACCAGACCCAAGCATTTTGCCATTGCCTTATGTTTTTCTACTGTGCGTTCTCT  
ACTACTTTTATTTTATTCTAAAGTATGTTGTAGTCTGGTAACTAACCTGCCTGTTTTATTTCTTTGTAGTA  
TAACAAATATGTTTTTTTGAATTTCTTTGCGTTTAAAGTTAAGTTGGTACTGTAAAGGATTTTTTCTTTTAT  
TTCTGTTAAATGAATCAACACTGCCACCCTCTGTCTCTGTTTTTGTCTTTGTAAACACAGTGAAGTCATG  
GAATGTTGTTTTTGTAAATTTGTATACTTAAGGATGAAAAATAAAATGTTAAAAATGTGTGTCTAAC  
>GBEQ1112 |Acc|CD467520|Ver|CD467520.1 GI:31388788|LeukoS1\_5\_F01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_F01\_A023 3', mRNA  
sequence.:Start:1:Stop:456  
AACTGGAAGTGTGGGAGCTGCCATCTGTGGGCTCCAGCAGGATGAGGATGTGAGCTCGCTGACTGGTGAT  
GCCCTGGTAGACCTGTCTGGCCAAGATCACCAACACAGACGTGGATTGCCTCAAAGCCTGCCAGGACGAGA  
TTGAGATGGTGTCTGCTCAACAGTCTGCAGCAGTTCCGTCAAGGACCAAGGGGATGGATCCAAGTCGGAGGA  
TGAACCTGGACCAAGCCAGCACCCCTACAGACGTGCGGGATATTGACCTGTGAGGATGTCAGTCGGGCCGA  
ACGGGAGAGACATGTTCAAATCTTCTCTCTCTCTCTCTGATTGTGTTTTGTTCTTTATGTTTTAGGAT  
GAAACTTAAAAAATAAATAATTTCTGCCCCCGCTAGATCGTATTGAAAGATCTTTTAGAAGTGAGAG  
AAAACGGTCTTATAAAATGGAATAATTAAGCAT  
>GBEQ1113 |Acc|CD467518|Ver|CD467518.1 GI:31388786|LeukoS1\_5\_H05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H05\_A023 3', mRNA



sequence.:Start:1:Stop:694

AGAAGTGGGAAAATTGAATGAACTACAAAATTTTAGAGAAGAACTTCAGAGAAATATTTCTATACAACTG  
AGGCATAACATGAATAATTTCTGAGAAGATCAGGAACCTCTCTATCACACTGCAAGAAATAGCCACCAAAT  
TATGTCATGAGCTGTATAGAAACAATCAAGAGCACAAATGTAAACCTTGCCCAAAGCAATGGATATGGCA  
TGAAGACAGCTGCTATGTACTACTTGAAGGTTACGAAGCATGGCAAAAAAGTGAAAAGATATGTTCTTCT  
CACAATGCCAGCCTGTTGAAGATTAAGAACAAAAGTGTATTGGAATTTATAAAATCCAGGAGATTACGGA  
ATCATTGGCTGGGATTATCTCCAGAAAAGATTACACACCCCTCCAAGCTCTTGGATGAGACAATTAGCTC  
CTCTGATTGGTTTCAGAAGTAACACAAATGACTTAAGCAATGGGAAGTATTGTGGATATATACGTGATTTA  
TATGTTTATTACGATGAGTGCAGTATGTTTAAAAAATGCTGTCTGTGAGAAGTTGGCTAATCCAGTGAAGA  
TTGAGAGTACACTAATGAAGGAAGTACCAGATGGAGGAATGTAGTCAGTGAATTATTTTGCCTCAGCTA  
TTATCCTGCAATTTAGAGGGCATACTCTTGTGGACGATACAAATGGAATAAAGATGCTCTAAG

>GBEQ1114 |Acc|CD467506|Ver|CD467506.1 GI:31388774|LeukoS1\_5\_H04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H04\_A023 3', mRNA  
sequence.:Start:1:Stop:695

CCAGCAAAGGGCTCCTGTCCAATGTCATTGATAGCTTGCTTCAGATGTCGGTGGAATCCAAATCCTTGCA  
GCCATTCCTAGAGGCCTGTAGCAACACTTTATTTTTTCGTACTTGCTCTGTGCTGCTTCGAACTCCTAAG  
CTTGATCTTACATACCTAGAAAAGCTCAGTATTTATTTCTACAGAACTTTCCAAAATCAAGAGTAATAAAA  
AGCTCTTTGAGCTTTTTACAATTCATCTGATGCTTCAAGAAATACAAAGGACAACACATCCAGAGCATGC  
CTTTCTCTGTATTAACCTAAATTCAACTCTGTTCAATTTGGGTTTAAACAAAATGCAACTCCTTGGCTTCC  
AATGCAAGCCATGAGACTGGCTGATTATTTTATATATATATATATATGTCTTCTTATTTGTGAGATTGTA  
AAAATCACCAGTAAGTAAAGTCTACCAAGTAAAGTTATCAATAGCATTATTCATCATGAAAAATAAA  
TAGAATTTTTAAAAAAATTTTTAATGTAATCCATAGAAGCTCTGGAATATTTGGGATGTTTTAGTTCAA  
CTAAGGTAGTACTTAATGTCACAGATGGAATTTCCAGAAATTAATGACACTAGAATTACTTTTTGTAAAAGT  
GTTTTAGGAAAATTTCTGAAATTTATGTGATTCTTTGGAATAAAATTTGGTGTATTATAGGAACAGG

>GBEQ1115 |Acc|CD467505|Ver|CD467505.1 GI:31388773|LeukoS1\_5\_D07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:757

GAGGATTTGCTTTTGTACTTTTGTGATGACCATGACTCCGTAGACAAGATTGTTATTCAGAAATACCATACT  
GTGAATGGCCACAACCTGTGAAGTAAGGAAAGCCCTATCTAAGCAAGAGATGGCTAGTGCTTCATCCAGCC  
AAAGAGGTGCAAGTGGTCTGGAAATTTTGGCGGTGGTCTGAGAGTGGTTTTGGTGGGAATGACAACCTT  
TGGTCGCGGAGGAAACCTTCAGTGGTTCGAGGTGGCTTTGGTGGCAGCCGTGGTGGTGGTGGATATGGTGGC  
AGTGGGGATGGCTATAATGGATTGGTAATGATGGAAGCAATTTTGGAGGTGGCGGAAGCTACAATGATT  
TTGGAATTTACAACAATCAATCTTCAAATTTTGGACCCATGAAAGGAGGAAATTTTGGAGGCAGAAAGCTC  
TGGCCCCATGGTGGTGGAGGCCAATCTTTGCCAAACCAGAAACCAAGGTGGCTATGGCGGTTCCAGC  
AGCAGCATGATGCTATGGCAGTGGCAGAGGTTTTTAAATTTACTGCCAGGAGGAGTCTGCCACTACAGGCTT  
ATCAGCTCTCTTTAAAAAAACAGAACTCATCTGTCCAAGTTCATGGCTAAAGGAACATCCTTATGAG  
GACAACCTTTATCTGAGCCACTGCACTTCGTTCTCACTGCCATGCAGTTGTCGTTAGCTGCTCTGCAGCT  
TGAGTTAATCATTTCAATTTTGTGAATGGGCTTTTTAAATAAAATGCTTTTTAACTTG

>GBEQ1116 |Acc|CD467413|Ver|CD467413.1 GI:31388681|LeukoS1\_4\_B02.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B02\_A023 3', mRNA  
sequence.:Start:1:Stop:671

TGAGCGACAGAAGCTAGAGACCCAGGAGAAGAAATCATTCGCGACATCAAGAAGATGGCCAAGCAGGGC  
CAGATGGATGCTGTGAGCATCATGGCAAAAAGACCTGGTGGCGCACACGGCGCTACGTGCGCAAATTTGTAC  
TGATGCGGGCCAAACATCCAGGCTGTCTCTCTCAAGATCCAGACACTCAAGTCTAACAACCTCAATGGCACA  
AGCCATGAAGGGCGTCACCAAGCCCATGGGCACCATGAACAGACAGCTGAAGCTGCCCCAGATCCAGAAG  
ATCATGATGGAGTTTGAACGGCAGGCAGAGATCATGGACATGAAGGACGTGCGCAGGAACACCATTTCTTC  
GCCAGGCCAAGAAATCAACAACTCCGGGTGGATAAGGCAGCAGCAGCTAGAAGCCAAATCAGATGAGAA  
GGGGGTTCCAGGCAAGAAGCCTGTGGTAGGGAAGAAAGCAAAGAAGGCTGTTGACGTTAAGAAGCAGAAG  
AAGCCTTTGGTGGGAAAAAAGGCTGCAGCTACTAAGAAGCCAGCAGCTGAGAAGAAGCCTGCAGAAAAGA  
AACCCTGTCAGAGAAGAAAGAAAGCCTGCTGCGTAAACTTGTGTTTATTTTATTAAGGTCACATCATTT  
TGGACAGCTCCTTTTGAATAAAGACCTGATCAAAAGAGACAG

>GBEQ1117 |Acc|CD467406|Ver|CD467406.1 GI:31388674|LeukoS1\_4\_F10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F10\_A023 3', mRNA  
sequence.:Start:1:Stop:464

GAAATGGCAGAAAACCCATTCTATTGTTGGTTTTGTGTCAGCATACATTTTCCCCCAAATAGTTGTAAAG  
ATTTAAGTTATTTTAAATTTATTGTGGATCAGAAAACCTAGATTAACTGGTCAGAATTTGTAAATTACTTA  
GTTTTACATCCCTTTTGGAGCAGGTATCAAATGACTTAGAATCCTTAAATAAAATTCATTTCTAATTAT

TTTAATTTATGTGGAAAAAGCAAGGTGGGGAAGTTGTGATTAATAGCTTTTAAAAAGATCATTTTTTTCC  
AATCCTTTGGGCATTTTTTTGAGCTGTTAGTTTTTGCTTTTATTTAAAGCATCTTTAAGTTATTTTAATG  
TGGGTAGGGGCCCCCTGTGCAGATACTTCATTTTGTAAAGTTGTAATAGATGCTGTTTATACTAAACA  
TGTCATATTTATGCAGTATATATATTTAAAGAAAGCTTGTTCTT  
>GBEQ1118 |Acc|CD467401|Ver|CD467401.1 GI:31388669|LeukoS1\_4\_D07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:556  
CATAAAACTTGTTTTACTTTTCAATAGCAGCATAACTCTAGCCCCGAGCTGTGTTGTAAAAACAACAAA  
AACATTTTATAGAGTAAAGTAAAACTTTTAAGACAGGTTTTGGAAGATATGACACAAAGCAGGCAAGTAG  
CTGCACCGGCTCAAGGAGGACCAGAAAATGATAACAGCAACCAAGGAAAAGAAACACAGAAGAAGCAAGG  
TATTAAGAACATGAAGGAGAAGTGATTTTTAATTTTTATTGGACTTGTTTTGGGAATAGTTCTAACTATT  
CTTTATTTTCAATTTGTTTAAAGGTACAGAACTCAACATTTTTGCCCACATGATTGGATTGGTTTCC  
AAGATAAATGTTATTATTTCTTAAAGAAGAAGGGGATTGGAATTCAGTAGATACAATTGTTCCACACA  
ACATACTGACCTAACTATGATTGACACCGTTGAAGAAATGCACCTTCTCAGGAGACACAATGCACACTAGT  
GATCACTGGATTGGGCTGGAGATGACAGAAAATCAAATAAGAAAATGGTTCATACAACCTTATTTAA  
>GBEQ1119 |Acc|CD467399|Ver|CD467399.1 GI:31388667|LeukoS1\_4\_A08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_A08\_A023 3', mRNA  
sequence.:Start:1:Stop:669  
TCGGTTCAAGGTTTTTCCTGTGCAGAGAGCCAGGTACCAGTGGGTCCGCTGCAGTCCCGACAGTAATTCTG  
CAAACCTGCATTGATGAGAGGGGACCAGTGTTTGACCTGCTTCCCGATGAACCAACAGAATCCTCCCTCC  
AAGGACTGACCTTTTTTCAATGACAAGATCCCAGAACTTGAATGATGTCTTCCCTCTTTCTGAGGACTAC  
TCTGGATCAGGCTTTGGATCAGGATCTGGAAGCGGCTCTGAAAGTAGCTTCTTAACCGACATCGAACAGG  
AATACCAACCCAGCAGATGAAAATAATGCTTTTTTACAACTTTAGGTCTCTCAAGGGAAATCTGCCCTC  
CGACAACCAGGACTTGGGTCAAGATGGATCAGAGGAGAAATTTATTATGTAAAGAGAGGGTCTCCTCCC  
TTGATGCTGGGCAATGCATTCACTATATTTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAAAAAGT  
TTTATAGAAATTTAAACTTTTGAAAAAGAAGTTTAAAGTTTATCACCTTTTTTCTCATGAATTTCTTA  
AAGTCTACTTTATCTACCCTATTGTCTGGAAAATACCTGCATTTCTTTGTATCACATTCAACCAACAT  
CACTATGATTTAACTAGACTCCTCATGTCTATTAAATTG  
>GBEQ1120 |Acc|CD467396|Ver|CD467396.1 GI:31388664|LeukoS1\_4\_F01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F01\_A023 3', mRNA  
sequence.:Start:1:Stop:628  
GGCAATGCATTCACTATATTTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAGAAAGTTTTATAGAA  
ATTTTAAACTTTTGAAAAAGAAGTTAAGTTTTATCACCTTTTTTCTCATGAATTTCTTAAAGTCTACT  
TTATCTACCCCTATTGTCTGGAATAACCTGCATTTTCTTTGTATCACATTCAACCAACATCACTATGAT  
TTAATCACTCTCTCATCTATTAAATTTGCTTTTAAAGATAAATTATACTGTTTGTAATAAATTCAGTT  
TGAGAAGAAAATTGACAGGCAGGGGTTGATACCAAGTCTTCAGGAACCTGACTGTTGTGAATTATAGAT  
ATACCATATACCCCTTTGCTATGACAAGACCCGGCTGAAACACACATTAAGTTCAGATTGGGTATTTGTC  
ATGTTTTGCTGTGTGGAGTGCTCTGCTCTAATGTTCCATTGATGTGTTTGCAGAACTAGTACACACCGTG  
TGTTTAGAAGTGTGATTGCTGTATGAGAACTTAAGACCCAAATGAAAGCACATTGTTCTCTCAGGTCT  
TCACACCCTTTACCTTTTTTCTGTATATCTGTGATTTTCAAATGTTACTCTATTAAAGCAGAAGT  
>GBEQ1121 |Acc|CD467393|Ver|CD467393.1 GI:31388661|LeukoS1\_4\_E10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E10\_A023 3', mRNA  
sequence.:Start:1:Stop:482  
CGGCCACTCCTCGGATTCTCGCACCCCTGAGCAGCGTTGCTGGCCCCCTGCCCTCTCCACACTCCTCTCCT  
GCTGCCACCCAGCAGAACTGGCTTCAGGGTGTTATCTCAGCACTGGTTGGAGTGCCAGGGCATTTTGGGA  
GCAGGCAGAGGGTTGTGTGCCAGCTACCATGGAGGCACCTGGGAAATCCTGTGGGATGGGCCGTGCAGAT  
CATGCAATTTATCATGAGGCAGAAACACCAAGGACAGCTTATGACAGTGCCACCTTCTCACCATTTCC  
ACCTCCCCCGCTCCCCGGCCAGCCGGCTAAGGAGAGACCTGATGTTGGAATATGTTGGCACTTCTGTC  
AGGCCTCTCCTTCCGCCCCACAAATGCTTGAAGTCTCTGCTCTTTGTGAGAGATTTGCAGACTCATG  
GTTTTTTGTTCTTGTCTTCTCATCATTTCCATTGTGATACTAAGAACTAAGAAGCTTAATG  
>GBEQ1122 |Acc|CD467392|Ver|CD467392.1 GI:31388660|LeukoS1\_4\_F12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_F12\_A023 3', mRNA  
sequence.:Start:1:Stop:698  
AGTCATTACAGGTCATCATCACCAACTTTCCTGCTGCCAAGTCTTGGACATCCAGGTGCCCAACTTCCC  
AGCTGATGAGACCAAGGGCTTCCATCAGGTTCCCTTTGGACCATTTGTTCTTCATCGAGAGGACTGACTTC  
AAGGAGGAGCCTGAGCCAGGCTATAAGCGCTGGCATGGGGCCAGCCTGTGGGCCGTGAGGCATACAGGCT  
ACGTCATCGAGCTGCAGCATGTTGTCAAGGGCCCCAGTGGCTCTGTGGAGAGCCTGGAGGTGACCTGCAG



GCGAGCAGATGCTGGAGAAAAGCCCAAGGCCTTTATTTACTGGGTGTCACAGCCTCTGACTTGTGAGATT  
CGCCTCTATGAGCGACTATTTTCAGCACAGAACCCTGAGGATCCTGCTGAGGTGCCTGGTGGATTCTTAA  
GTGACCTGAATCCGGAATCGTACAAGTGGTGGAGGCAGCATTAGTGGACTGCTCTGTGGCCCTGGCAAA  
GCCCTTCGACAAGTTCCAGTTTGGAGCGGCTTGGCTACTTCTCTGTGGATCCAGACAGCCGCCAGGGACAG  
CTTGTCTCAACCGACGGTCACACTGAAGGAGGACCCTGGAAAGGTGTGAGCTGGAAGCCCCACGGACG  
TACCTCATCCTTTTGGAGGCTAGGGGTACCCAGACTCTATGTCAATAAAGAACAGCTAGATCCTCCGG  
>GBEQ1123 |Acc|CD467386|Ver|CD467386.1 GI:31388654|LeukoS1\_4\_D11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D11\_A023 3', mRNA  
sequence.:Start:1:Stop:621  
CCCAGAGCCCCAAATGCCTACCATGATGCCACTTATGACCTTGGGATGGCCCTGACTCCTCCATGAAC  
ATGCAGCTTGGCCAGACATGGTGGCCCAAGTGTACCCACCACCCTCCCACTCCATGCCCTCATATCAA  
GGCCTCTCCCGGGAAGAATCAGTCAGTGTGTTGCCAGCCTTCCCGGAACCTCACCTGCCGATGCCCCCA  
CTCTGAGCCAGATGAGCCTGCCCTTTGACCAACCTCACCCCAAGGGCTGCTGCCATGCCAGCCTCAGGA  
GCATGCCGTGTCCAGCCCTGAGCCCTTCTCTGCTCAGACGTGACCATGGCAGAAGAGAGCTGCTGAGC  
CAGCCGTGGGAGGGTCCCTCAGGGCACCTGGGTGAGTGAAGACATGTTCCACCCTTGTGCGCCCA  
CTGAACAGGACCTCACCAAGCTTCTCCTGGAAGGGCAAGGGGAGTCAGGGGGAGGGTCTTAGAGCCCA  
GCCCTCCTCCAGCCCGGGGGATGGGGAAGCGTTTCAGGAGACCTGGGTGGGAGGAGACAAGAGGTCT  
GTACGTTCTGTTAATGATGTGGATTTTGTCTCAGGTTAAAAAACAAATCCCAACAGCCCAA  
>GBEQ1124 |Acc|CD467380|Ver|CD467380.1 GI:31388648|LeukoS1\_4\_B05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B05\_A023 3', mRNA  
sequence.:Start:1:Stop:755  
GAATTGTGCCATAGAAATAATCAGTTTGCAATTTTCTTTTTCTTGACAGGTGCTTCCAGGGGTAGAGGCG  
GCATGAAGGATGACCGTCGGGACAGATATTCTGCAGGCAAAAGGGGTGGATTTAATACCTTTAGAGACAG  
GGAAATATGACAGAGGTTACTCTAGTCTGCTTAAGAGAGATTTTGGGGCAAAACTCAGAAATGGTGT  
TACAGTGTGCAAAATTACGCCAATGGGAGCTTTGGAAGTAATTTTGTGCTGCTGGTATACAGACCAGTT  
TTAGGACTGGTAACCCGACAGGGAATACCAAGCGTTATGATAGTACTCAGCAATATGGAAGTAATGT  
TCCAAATATGCACAATGGTATGAACCAACAGGCATATGCATATCCTGCTACTGCAGCTGCACCTATGATT  
GGTTATCCAATGCCAACAGGATATTCTCAATAAGACTTTAGAAGTATATGTAAATGTCTGTTTTTCATAA  
TTGCTCTTTATATTGTGTGTTATCAGACAAGATAGTTATTTAAGAAACATGGGAAATGCAGAAATGACTG  
CAGTGCAGCAGTAATTTATGTCACCTTTTTTCGCTATTTAAGTTGAATATTTCTCTACATTCCTGAAACAA  
TTTTTAGGTTTTTTTTTGTACTAGAAAATGCAGGCAGTGTTCACAAAAGTAAATGTACAGTGATTTGAA  
ATACAATAAATGAAGGCAGTGCATGGCCTTCCAATAAAAAATATTTGAAGACGAA  
>GBEQ1125 |Acc|CD467379|Ver|CD467379.1 GI:31388647|LeukoS1\_4\_C07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C07\_A023 3', mRNA  
sequence.:Start:1:Stop:541  
GACCTCACCATCCTTCCAGTATGGTCACCGCCATGGGTTAGAGGCCCTGCTTGATGCTTCACGGTGTCCA  
GGCAGAGTCCCTCCGGCCCTTCTACGTGCAATTTTTTGCAGGAGCAGAATCATGAAGCCGACAACCGA  
TGGATATATGTTTTTGAAGGCAGAAAACAAATGATGTTTGCCACTTTTGCAGAGGAGCTCACTGTGGGT  
GTCTGTGTTCTCCATCACTGAATCTGGATCCATTTGTGAATAAGCCATTCACTCATATTCCTATTC  
AACAGGGTCTCTCTAGTGTGTGAAAAAAATGCTGAACATTGCATATAACTTATATTGTAAGAAATAC  
TGTACATTGCAAGAAGACTTTTGTGTCATCTGGGTAGCTGTAAGAAAGGCATGAAGGACGCCAAGAATTTT  
AAGGAATATGGGGGAAATTAAGTGTGGAAATTCAGAAGAACTAGTCTGATATTCCAAATGGACAAACTG  
CCAGTTTTTTTTCTTTCCCTGGCTGCAGTTGGTTGATGCATTAAGAAAA  
>GBEQ1126 |Acc|CD467367|Ver|CD467367.1 GI:31388635|LeukoS1\_4\_B01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B01\_A023 3', mRNA  
sequence.:Start:1:Stop:452  
CAGAAATCATCCGAGGATTTTTTCGCTGGAAAAGACTCCTCGGTAAAAACAGAAACCACTGGGAGGAGCTC  
CCAGCCCAGGGAATGGTGAATGGGCCTGGAACCACTCCCTCCAGTCTCTAGTGAGTAGAGAGATTGG  
TGGACGGAACGACAGCATGAGTTGGGCTGATATAAGTGGAAAGTGTGCTGCCAGCCCTGAGCGAGCTT  
GGCAGGTACTGGAATGACACTGAAGTGCAGTTAGACCCCTGATTTCTGAGACTGGACAAAGGGAGTAA  
TTCTCCAGATGCTTCACACATTCAGCACACAATGCCCCCAAGATTTTCTAGTGGTCTGAGCAGAATCAG  
CAGATATAGCCACTTTTGCTTGTAGCTGTGACATATCCTGTCTCTCTGTATTGTACATATAAATTTATA  
TAGATTGCAATCAATAAATGTTATTTTATT  
>GBEQ1127 |Acc|CD467365|Ver|CD467365.1 GI:31388633|LeukoS1\_4\_E07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E07\_A023 3', mRNA  
sequence.:Start:1:Stop:578  
CAGCCTCACACCTCAAGATTACACAGTGGAGAATCTCATCCGGATGAGTGCAGCTGGCTTGATCCTGGT

GGTCCTTGGGATTCTGCTATTTTCAGGCTCAACACAGCCAGAAAAAGACCCCAAGAGGCAGACAGGAAGTAA  
ACACAAGTGAGAAAAATGCACAGTTTCAGAGTAGTAGAGCCTTGAAAGTAAATCTTGTGACCCAGGAGGT  
TCCTGAAGAGCATCTGTGGGTGTATGATCAGTGAAGTGTCTGCAGGTCATTGTGAGGTGTAGTAGTTATCG  
TTCATGTGCAGGGACAATGTCCGCTCCTTCTGCCATTAAACTGAGGGACATTCCCTTCAACAAGCACTTTT  
GAGTTATCTTGGTGGGTTTGTAACTTTCTCTCTTTTGTGAAATCAGCATGTATCCCAAAGGACAGATTT  
GGGTCCACACTTCCTTGCACATTTTCATGCTGTGGTACAATTTTCATGTAATACATATTTTAAATTTCTAA  
TTACCACATAACTGATGTGTATTAAAGGTGTCTCCATCTCTTTGTTTCAGAGCATGTAATTTCAATAAATCA  
ATAAATTGAATAACAAGG

>GBEQ1128 |Acc|CD467264|Ver|CD467264.1 GI:31388532|LeukoS1\_3\_H11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:735

CTCCAGATGAAAATAGACATGAATAAAATGACTAAGAATGTAATAGAGAAGAATTGCCCTGCCCTGCCCAT  
CTCGGAGCCATAAGGTCATCTAGCTAGAGCTGTCTACCCATGTATTTATCGTTCTTGACTCATTAACCAC  
TTATTTATATCATGTCTGTATCTCTAAGGACCTAAAAGCACTTTATGTAGTTTTTAATTAACTCTTAAGAT  
CTGGTTAAGGTGACTAAAAAGCCTGTCTCCCATATCCAGTGGTGGAAATAAGCGCACAGATGTAGATTG  
GTGGAGTTTTGGGAGCCTCACTTGCCAGTTTACTAGGTGTGACTGCTGCAGTGTGGATGAGGAAGTCAGT  
TGACGTTTTTGGGTCTAGGGCGATGAGGGCTTAGGGAGCCCGAGTGTCTTGGGGAAGGATGGGTGGTTTTA  
TAGGGGGAAGAGGCGCATGTTCTAAGTGTGACTGGCTGCATAGTCCAGGCAAGTCTCCGAAATGGACA  
GGGAGGGGCTGCTTGGAAAGATGGCTCTCTCAGCAGTTTTCTGTCTGATGCTTCTCTCAGGGAAAAACATA  
CAGTACTCGATGTGGTCTGTACATTCTGTCTGGGAGTGAATACCTAGGTCTAGTTCAACAGCTAAGGCTG  
TTGACAGCTGTGCTAGGAAGGGTTAGGACCAACTACAGATTAATGTGGGCTGTACAATGTAGTGTGTTTT  
CCTAACTTCTGTTTTTCTCAGAGAATAATA

>GBEQ1129 |Acc|CD467260|Ver|CD467260.1 GI:31388528|LeukoS1\_3\_A12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:750

TTTGATCGTTTGGCATATTGGGTGGGTTTACTCTTAGAATCGCATGCTGTAGAAATGCTCAAAAGTGCAT  
ATAGGACTCAGTCCTTAGATGTTCTTTTCTTTTAAAGAAATAACCTCTTTGAAGTTGTAACCATCGCGGC  
TCTGTCCACTTCTCTGTGCACACGCATCGGAAGCAGCACAGTACGCAGCTCCACACGCTTGAGTGACAGG  
ATAGTCACTATTTTCTTTATTTCTCTAAAAAACAGTCTGTTCCAAACGATTGCTGTTGGCGGGGGTGG  
CGGGGAGCAGGGACTGGAGACCCCGGCCCTCTTTATGCATCTCTTGCGGCCTGTCTCTCTGCGGGGCAC  
GCCTTTGCATCTGAGGCAGATCGTTTCTAGTTCGACAGTCTCTGGTATGTCTCGAGTCCGCTGTTTCAGC  
AGCAGCGTTTAGACAGCAGTGTGTGGGCCTCCCTGCACCTGAGCACTGTCCAGAGCAGCAGTAGGCT  
TCTCTCCATCCTGTTCTCTGCAACATCCTGTACAAAGCTGTGCTGTGACATGCGGAGGCCTGGGTCTGG  
CAGAGTTGAGTCAAGCGAAGCCCTTCTCTGTCTTTCCATCGCCGCTCTGTAGAGCTCTTTGCACCTG  
CCCCCTCACTTTTGTATTTTAAATTTTAAAGTCCGTTGACTGCAAGGAAGCTGGATGCAAGATAGATACTA  
TATTAAGTGTGCTGTTATTTAAGATGTAATAAAGCAGTTTGACAGAAAA

>GBEQ1130 |Acc|CD467256|Ver|CD467256.1 GI:31388524|LeukoS1\_3\_G01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_G01\_A023 3', mRNA  
sequence.:Start:1:Stop:350

ACAAGTTCAAGCTCAACAAGTCAGAGCTAAAGGAGCTGCTGACCCGGGAGCTGCCAGCTTTTTTGGGGAA  
AAGGACAGATGAAGCTGCATTCCAGAAGATGATGAGCAACTTGGACAGCAACAAGGACAGCGAGGTGGAT  
TTCCAGGAGTACTGTGTCTTCTGTCTGCTGATGCTGCAACGAGTCTCCGAAGGCTTCCCG  
ATATGCAGCCCGGAAGAAATGAAGGCTCCTGAGATGCGGGTGGGGCCTGCCAGCTGGGGTCTTCTCTGT  
TGGCAGTGGGCATGGTGCCTCCCTTGGCTCCTCCAGATGGGTGTATGATGCAGAGCAAGTTCAATAAAG

>GBEQ1131 |Acc|CD467253|Ver|CD467253.1 GI:31388521|LeukoS1\_3\_F07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F07\_A023 3', mRNA  
sequence.:Start:1:Stop:569

TTTAAACCAACTTGGGAGATGTTAGCGTAAAACCATCTCAGGAATCTGCTCCTTGTCAAATATCTGAAG  
TTGAAAGGTGAGCGGTACAGACACTGGGGAGCAGAAATGGGAGCCCCACAGAGGTGTGATAGAGGCAGG  
GCTAACTGGATTGAGGAGCGAGTGGGCACAGTAGCCTCGAGTCTCCAAGGACAGCAATGACACCGAG  
AGTATGATGAAAAATGTGTGGTAGATGCCCCAAAGAGTTGGACCCAAGCACAGGCATGATTTAGAGA  
AAGAACTCACCAACCAGGAAGTGGCTGAGCCCAAGGAAATCCCAAGTCAGTACGCAGAAGTAGGTGGGGA  
GAACAATGAAGAAGAAGATGACGGAAGGGAATTGAGGGGTGAGAAACCAATCCAGATGGAAGTCCAAACC  
ATCCCGTCTTCTCCAGCAGCCGAAGACAGTGTCTCAGCAAGCAACAGGTCCACGTATGTTAGATGCCGAAA  
GAGAACCCCTAGATATGAAAGAAGCCGATGAAGAAAAGAGTGACCAACAGGGGGAAGCATTGGATTTCATC  
ACAGAAGAA

>GBEQ1132 |Acc|CD467246|Ver|CD467246.1 GI:31388514|LeukoS1\_3\_A09.b1\_A023 Stimulated

peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A09\_A023 3', mRNA  
sequence.:Start:1:Stop:642

TTGGTTCCCTGACATGGATGATGAGGAAGGGGAAGGAGAAGAAGATGACGACGACGATGAGGAAGAAGAAG  
GATTAGAAGATATCGATGAAGAAGGGGATGAGGATGAAGGTGAAGAAGATGAAGATGATGATGAGGGGGA  
GGAAGGAGAGGAGGATGAAGGAGAAGATGACTAATGGAACACTGATGGATTCCACCCCTTCCTTTTTTCAT  
TTTCTCCAGTCCCTGGGAGCAAGTTGCAAGTCTTTTTTTTCCCCCCCCCTCTGTGCTCAGTCGCCCCGTT  
TTTGAGGTCTCTTTTCTCTCTTTATACCATGGCTCTCAACTTATTTTGGGGGGAATACCTTGAGCAGA  
ATACAGTGGGAAAAGAATCTCTACCCCTTTCTGTTCCAAATTCATTTTTATCCCTTCCTGTCTCAACAAA  
AACTTTATGGAATCAACACCACCGTCTCTGTGGGAAAAAGAAAAACCTTCTGCTCCCTTAGCTCTGCT  
GGAAGCTGGAGGGTCTAGGCCCTGTGTAGTAGTGCATAGAATTCTAGCTTTTTTCTCCTTTCTCTGT  
ATATTGGGCTCAGAGATTACACTGTGTCTCTATGTGAATATGGACAGTTAGCATTACCAACATGTATCT  
GTCTACTTTCTC

>GBEQ1133 |Acc|CD467244|Ver|CD467244.1 GI:31388512|LeukoS1\_3\_A06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A06\_A023 3', mRNA  
sequence.:Start:1:Stop:448

TCCCAGCCCTGTTCCAGCCCCTCAGTTTCCCAGACCTTCATGCAGTTGGTTGTAAATTCCTCCAGGAGCT  
GTTTTACTGTTTACTTTTTTCAGGATTAATAAAAAAATCAAAAACCTTAAAAAAGTTTAAAAAGCAA  
AATGCAGAGGGAGGAAGCAGTGGCAGATATTTTTTGGTAATTATGCTTTTTTTTTTTTTTTTAAATTTT  
AGAATTTGTCCGTTTTTACTGTGGGTGGGCTGTTGGTATTTTCATCAGGATAACCATTCTTTGCTGAGTT  
CAGGTGACCGAGGAAGAGCCACACCCCTCAAAACAAAACACAGAATCATCTTTAACCTAACTTTTTATAC  
GATGTCTCAGTTTCCCGTAACTTTGCACACAAGCTTCTGTGTTGAGTTGAATTGTAAGTGCCTTTTGTAT  
TTGGAGAGAGTGTGATTATTGAACTTGA

>GBEQ1134 |Acc|CD467242|Ver|CD467242.1 GI:31388510|LeukoS1\_3\_B11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_B11\_A023 3', mRNA  
sequence.:Start:1:Stop:546

AAAAAAAAAAAAAAAAAAAAAAAAAACTGCTGGGACAAGCAGAACCAGCTACAGAAGGGAAGCAGCAAG  
CAGGCAGGGGTCTGGCCCTCGTTAGTCGTCCCGGCTTTTTAGTACCGACAGTTCTCACCCCTTTTCACTGGT  
ACCTCAAGTTGCTGGAGTTTTTGCCGTGAACCTGCTGCTGCAGATTCCCTTGTGAAGGGACTCGAAGCTC  
ATTGGGATAGCTTAAAGAAAAGTGAATGCCTTCTCAGTGGGAATTTAATACTTAAGTCGCTAAGGGCTTT  
TGATATTAAAGATATTCTGAAGCTCTGAAATGCTAGAGGAAAACCTTGGAAATGGGGTTTATGCCTAAAAAA  
GATTTAGGGTTTTGAAAGAGAAATAAAGGATGGTTAGTTAATCAGTGATTTTTTTTAACTATTCAAATA  
TCATGAACAAGATACTAAATTTGCCCTAAGGATTTGTATTTCTTTAAATCTTGTTCTAAATCATATCTGT  
TTAATAAATGGCTAGTTGATATTGTGTCATGTTATTTAATAAAGAGTTATTTTT

>GBEQ1135 |Acc|CD467239|Ver|CD467239.1 GI:31388507|LeukoS1\_3\_D01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_D01\_A023 3', mRNA  
sequence.:Start:1:Stop:628

GGCAATGCATTACAGTATATTTGTGTACCATGGTTAAATGGTTAATTTGGGGACAAAAAGTTTATAGAA  
ATTTTAAACTTTTGAAGAGAGTTTAAAGTTTTATCACCTTTTTTCTCATGAATTCCTTAAAGTCTACT  
TTATCTACCCCTATTGTCTCGGAAAATACCTGCATTTCCTTTGTATCACATTCAACCAACATCACTATGAT  
TTAAGTAGACTCCTCATGTCTATTAAATTTGCTTTAAAGAATAAATTATACTGTTTGTAAAAATTCAGTTT  
GAGAAGAAAATTGACAGGCAGGGGTTGATACCAAAGTCTTCAGGAACCTGACTGTTGTGAATTATAGATA  
TACCCCTTTGTTATGACAAAACCCGGGTGAAACACACAGTGAAGTTCAGAGTGGGTATTTGACATGTTTTG  
CTGTGTGAAGTGCCTGCTCTAATGTTACCATTGATGTGTTTGCAGAGCTAGTAGACACCGTGTGTTTAG  
AAGTGTGATTGCTGTTATTAGAACTTAAGACCCAAATGAAAGCACATTTGTGCTCTCAGGACTTCACACC  
ACTTTACCTTTTTTCTGTATATCTGTGTATTTTCAAATGTTACTCTATTAAAGCAGAAGTATAACAA

>GBEQ1136 |Acc|CD467231|Ver|CD467231.1 GI:31388499|LeukoS1\_3\_A08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_A08\_A023 3', mRNA  
sequence.:Start:1:Stop:737

TCAGATGCCAGGGCTTTATACGAAGCAGGAGAAAGGAGAAAAGGGACAGATGTGAACGTGTTCAATACCA  
TTCTGACCACCAGAAGCTATCCTCATCTGCGCAGAGTGTTTCAGATGTACACCAAGTACAGTAAGCATGA  
CATGAACAAAGTTCTGGACCTGGAGATGAAGGGGACGTCGAGAACTGCTTCACAGCTATTGTGAAGTGT  
GCGACAAGCAAACCAATGTTCTTTGCTGAGAAGCTTCATAACGCCATGAAGGGTGTGGAAGTCTGATA  
AGATATTGATCAGGATTATGCTCCGTTCTGAGGTGACATGAATGATATCAAAGCATGCTATCAGAA  
GTTGTATGGTATCTCACTCTGCCAAGCCATCTGGATGAAACCAAGGGAGATTACGAAAAGATCCTGGTG  
GCTCTCTGTGGAAGAGACTAAACATTCCTTTACGCTCTCAAGCATTTTCATCAGAAGACTTTTTAAGCC  
TATCTTTTTATTCCATATTGTAGACAAATAAGAAAGTTCTTCAGCAGGATTATAGTCTAGCTAACTTCTT  
CTAGAAAAAATTGCCATATAAATTATTTTATATCATGATTCTGTATGATAGAGATAAGTTTTTTTTAAAA

AAAATATACTGACCCACCCCTATCAAACCCCATAAATAGGTTTTCTGGTACTATTAGCTGTGAAAGATG  
TCTGTGTAGCAGAAAATAAATGATTTTTTAAGACAAA  
>GBEQ1137 |Acc|CD467230|Ver|CD467230.1 GI:31388498|LeukoS1\_3\_F10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F10\_A023 3', mRNA  
sequence.:Start:1:Stop:105  
ATTAGCAGTTCTTTTCCCTTAATATCTGAATTATACTTATTTAAAGAGTAGTGAGCAATATAAAATGCAGT  
TGCATTTTTCAGTAATGTGCATGTGTTTCAAGTTGTA  
>GBEQ1138 |Acc|CD467225|Ver|CD467225.1 GI:31388493|LeukoS1\_3\_H08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H08\_A023 3', mRNA  
sequence.:Start:1:Stop:695  
GCGGGCTGGCAGCAGGCTTTGCCATCGGCATTGTTGGGGACGCCGGCTGCGGGGTACTGCCCAGCAGCC  
TCGGCTATTTGTGGGCATGATCCTCATCCTCATCTCGCTGAGGTCCCTTGGCCTCTATGGTCTCATCGTC  
GCCCTCATTTCTCTCCACAAAGTAGCCCTTTCCAAGCCCACCAGCCACAGAATATGATGTAAAGACCACCCC  
CTCCTCATTTCCAGAACAGCAGCCTGACGCACCTTGCACGGGGCAGCTGTCCCCCAGTAGCTGGTCTTGT  
AAATGCGCAGTGTCTAGTGCCCATTTGTCCGTTGCCCTTGGCCCTTGGCCCCACCCGCCCGTGGCGTGGA  
CATCTGGGCCCCACTCATTACCCATCCAGGCTCCCGACCAGTGAGGATGCAGGCCCCCTGGCCGCCCCACC  
CCCTGCCCTAGAGTGCTCTGTGTATAAGGATGAATTAGAGTTGTCATTTTCTCTTCACTGGATGTTTATT  
TATAAAGATTGACCTGTTTACGCTGTGTGGAGCAGCCCTCCGCTCTCCCGCTATATAGTAATCTTAGG  
TAGAGTGTTGCCTTGTGGGTTACCGTTTGTCTGTGAGACTTCTCGGATGGACCCACCCTCCTCCAGCCCTG  
GCTGCCAGCGCCGCGGGGCCGCTGTGGGCCCTGCCGGGCGCTGGCGCCGAGCCGTGTCCAATAA  
>GBEQ1139 |Acc|CD467221|Ver|CD467221.1 GI:31388489|LeukoS1\_3\_B10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_B10\_A023 3', mRNA  
sequence.:Start:1:Stop:652  
TCATAGAAAAAGAAGCTCCAAAAGAGATAAACATAGACTTTCAAACCAAACTCTAATTGCCCAAAATAT  
ACAAGAGGTGACAAGTGGCTGCTTTACAACCTGCCAGAAAAGGGTATACAGCTTGATGGAGAACAACCTCT  
TACCCTCGTTTCTTGGAGTCAGAATTCTACCAGGACTTGTGTAAAAAGCCGAGATCACCACAGAGCCCC  
ATGCTACATGAGATGGAACGGGACCCTGAAAGTGGAGGACTTTTCCATTTTCTTAAGGGGAAAAGT  
TGTGACCTGCCAAAAAACTGACCTTGAATTCAGCCTGGGTGTTGAGGAAGCATCACTCAGAACTATTGA  
TTCAAAGCTGGGTAGTGAATCAGGAGGCTGGGAGCCTTCTCGAAGAAGCTTGTATTGGTACAGCTTCCAT  
GTCGTGTAGAGACACAGGGAGAGAGAGGCCCTACATGTGGCGTGTCCCACTGGAAAAGCAGGACTGTGA  
GACCAAAAGATGCAATGTAATAGTGTGGTCCAAAAGCATTTAAAATCAATAGCTCTGGGATCATGTGGC  
CTTACCTAGCTGGCTGTACATCTTTCCAAAACAGTCCATGTTACCACGTAGTGGTTTTAGTTTTAGTT  
TAGTACCAAGTAAGATTAATAAT  
>GBEQ1140 |Acc|CD467217|Ver|CD467217.1 GI:31388485|LeukoS1\_3\_C06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C06\_A023 3', mRNA  
sequence.:Start:1:Stop:577  
AGATTAAAGGAAGGGAGACAAGTGGTAGCACTCTTCAGTTATGAGGCTACCCAACCAGAAGACCTGGAGTT  
TCTGGAAGGGGACATAATCCTGTTTATCAATGGTGAATGAAGAATGGCTGGAAGGGGAGTGCAAGGGG  
AAGATTGGCATTTTCCCTAAAGCTTTCGTTGAAGAAGCTGCAACTACAGACTTGGAAAGCACTCCTAGAA  
GGGTCTAGGATGTTTTCATAACCTACAAAGCTCAAGAAAAGGGAGTAGTATCATTTGCAAAATGTAGCACG  
CCTCTGCAGTACACTGTACCAAGAAGTTACTGTTTGGAAATATTATCTACATTTCCCTGTTAAAAATTTAC  
CCTAACAGACAACGATGTGAGAAGCTTAGGATGATGATTACCTGGTGGGGTGGTGGGGTGAGGAGAGTGG  
TTGAAGTGTCTGGAAGAGCATGAGGGGGCTTCTAGGGTGCTGATAATCTGTTTCTTGTCTGAGTGCTGG  
CTACCCAGATGTGTGTAATTTGTGAAAATTCAGTGTGTTCACTTCTCTGTATGTGTGATCCCTCAAT  
AAAAAAGTTCAAAAACA  
>GBEQ1141 |Acc|CD467213|Ver|CD467213.1 GI:31388481|LeukoS1\_3\_H09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_H09\_A023 3', mRNA  
sequence.:Start:1:Stop:539  
CAGAACTGATGGACCAAGGCTCCCGAGCCATGATAGAGAACTTCAATGCCAAATATGTCTCCCTGCATG  
TCGGAAGGGGACATAATCCTGTTTATCAATGGTGAATGAAGAATGGCTGGAAGGGGAGTGCAAGTGGGA  
GCCAAAATACTATGCAGATGGGGAAGATGCATATGCGATGAAGCGGGATCTCAGCCAGATGGCCGACGAG  
CTGAGGCGGCCCTGGAGCTGAAGGAGAAGGGCAGGCACATGGTGTGGGCTCCATCGAGAACAAGGTGG  
AGAGCAAGGGCAACTCACTTCCAAGCTCGGGAGAGGCCTGTCTGTGAGGAGAAGGGCCTGGCCGCTGAGGA  
TAGCGGTGGTGACCAAGGACCTCAGCAGGCTCAGCGAGACCCCGAGAGCACTGATGTCAAGGACAGC  
TCAGAGGCTTTGACTACGGCTCCTAGAGCCTGCATGTGCTCCTTTCCCTGCCCTGGCCTGCTCATCCCA  
TCCTCACCTGTGAGGTTTCAATAAAATTCACCCAGTGGCCTTGGGG  
>GBEQ1142 |Acc|CD467210|Ver|CD467210.1 GI:31388478|LeukoS1\_3\_F03.b1\_A023 Stimulated

peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F03\_A023 3', mRNA  
sequence.:Start:1:Stop:484  
ACAAGCAGCGACAGTTCCTCAGGACTCTGATGTGTCTCTCATTCCCTCTAAAGTTTGAGACAGCTGCCTTG  
TGGGAGACTGAGTGATGCAAGATTTGTTCTGCCCCACCCACACTGTGACTTCAGGAATCTCTGTATAG  
GGCATCTGAATGTGTCTGCATTCTTAATAGCATAATGTGAGGAGGTAGGGAGACTGGTCTCTCCACAAT  
CCCCCTCCCCTCACGATGTATAAAGTAGAGTCTAATTTAGATTTGTATTTGGTTGGGAAATAGGACGCGTA  
AGTCAAAGATCATTTCATTGTTTTCTGAAGAGACAAGTGTGTGCTGTGGTGTGCAGGAGGGTTGGTGTGGG  
AGGGAGGGATGGAAGAAGAGGGAGGGAGAGCAACACTTGTGAGAAAAGTACAAGTGGCATTTGGTGTCAA  
TGTGAGTGCACATTGTGCTGTGCTGCCACGAAACAGCATGTGCTTGAAGTTATGTTAATAAAG  
>GBEQ1143 |Acc|CD467208|Ver|CD467208.1 GI:31388476|LeukoS1\_3\_D11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_D11\_A023 3', mRNA  
sequence.:Start:1:Stop:721  
GACGGATGAAATGGTTCAAATTGCCTTTTTACATGGGAGCCAGTTCTTGGGGGCGCTTTGCGGGGGCCGC  
AACCTCTTTGGCATTACTATGATGGACTCATGCTCTTGGTGGGAAACTGCTCATCGTGGGAGAA  
AATGCAACAGCACACATTTTGAACGTACCCAGCTCCATATTTGTCTCTGGCGAATGCATTTCAGACC  
AAGTAGTGGCCACCATGTTCTCTCATGATTGCTTTGCCATTTTGACTCCAGAACTTGGGAGTCCC  
CAGAGGCCTAGAGCCCATTTGCATCGGCCTCCTGATTATTGTATATCTTGTCTTTGGGACTGAACAGT  
GGCTGTGCCATGAACCCAGCTCGAGACCTGGGTCCCAGATTTTCACTGCTTTGGCAGGATGGGGTTTG  
AGGTCTTCACGTAAGTAACAACGGTGGGGAGGGAAATATTAGGCGCATCTTATCGAGGAGAGCTGTGCT  
TTGACTTGGAGATCCAGGAAAGCTCAAGCGGGATGGTGGAGGTGAAGCACATACTCTGGTCATAAGTGTG  
AAATGTTTCACTGGTGATTGGTGATTGGGGTGTGTATACGCGAGACAGAGAAAGACGAAGAGATAGAAA  
GATAGACACAGACACAGGGAGACAGTGAGAGAGCCTCTAGATAAACTCAAAGAGATAGGCCTGTCTAT  
ATAACAATAATAGTTCCTCAG  
>GBEQ1144 |Acc|CD467207|Ver|CD467207.1 GI:31388475|LeukoS1\_3\_C10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C10\_A023 3', mRNA  
sequence.:Start:1:Stop:645  
TTTGAGCAAGGAAGACATAGAGCGCATGGTCCAGGAGGCTGAGAAGTACAAGGCTGAAGATGAAAAGCAG  
CGGGACAAGGTGTCTTCTAAGAACTCACTTGAGTCTATGCATTCAACATGAAAGCAACTGTTGAAGATG  
AAAAACTTCAAGGCAAGATCAATGGCGAGGACAAACAGAAGATTCTTGACAAGTGCAATGAAATCATCAA  
CTGGCTTGACAAGAACCAGACTGCAGAGAAGGAAGAAATTTGAACATCAGCAGAAAGAGCTGGAGAAAGTT  
TGCAACCCCATCATTACCAAGCTGTACCAGAGTGCAGGAGGCATGCCAGGAGGAATGCCTGGGGGTTTCC  
CTGGTGGTGGAGCTCCTCCATCTGGTGGTGCCTCCTGGACCCACCATTGAAGAGGTGGATTAAGCCAA  
CCCGAGCATAGATTAGCATTGTTCCACATAAAACAATTGAAGGACCCAAATTTGTAGCAAATTCATGG  
CAGTTTTAAAGTTAGCTGCTATAATAAATAAAGTGGGCATTCTTGATACTTGAATATGGAATATATGCAC  
AGGGAAGGAAAATAACATTGCACTTTATAGGCACGTGATTGTAAGTGGAAATGCAATGTCTTAAATAA  
AACTGTATTTAAAT  
>GBEQ1145 |Acc|CD467118|Ver|CD467118.1 GI:31388386|LeukoS1\_2\_A01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_A01\_A023 3', mRNA  
sequence.:Start:1:Stop:458  
GAGTGTGATAGGCACAATGAAAGAGGAAAAGCTACTCCTTAAAAGAAAATAAAATCATTTACATTCCCAT  
AACATCCTGAACACAGACTACCTCTTCACTTCTGAATCAGCCAAACCGTGAAGGTCTGATTGGTTTGCT  
TTATTGTTTCGCTTTATTTTAATTGCAGCAATATTTCAGCACAGATATTTGGGAGCAATGATATATCCTC  
TTGCAGTGTCCACAAGCTGTAATACTGGGGCTCAAAATTAGGCTCACTTCTGGTTTCTGTTCTACTT  
CTGGAATTCCTGTCTTAGTTGCTGAGCCTGAGTTTGTGTTTCAAGCACAGATCAATTCACCTGCT  
GTTTTTGGAGCATCGTAAGTACTGTAAAGTGGAAAAGTTCATCTGTTAATTAAATGTACACTGAAGA  
ATGCCTTTTAAAAATCAAAATAAAATTAACCAATAATG  
>GBEQ1146 |Acc|CD467112|Ver|CD467112.1 GI:31388380|LeukoS1\_2\_E09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E09\_A023 3', mRNA  
sequence.:Start:1:Stop:520  
CAGTTCTTGAGGTATATTATTTAATCATTCATGCCTTAATATGCTTGCAATACAAGAAATATCTTCAGA  
TGGGTGAATACCAAAAGGCTTCCAGTCTTAGAGTCAGAAATCAACAAGCATTTGGGCTGTGGTAGCCAAA  
AACCATAGGTTAGCTAAAAGATCATGGTAAATACAATTATTTATTAATCATGGTTAATAACAAATAA  
AACCAGACTTGTCTAACAGATTTTCCATCAACAAATATTGTTATGTGCAAAAGTATTGCCATGTTGTTT  
TTCACACCCTGCATTTACTAGAACTGCTGAGAGGACTGTATATATGATTTTAAACCTAAGTTGATTTT  
TTTCTCACTCTTGAAAGGAGTACTTCTTTGTGAAAGCAGTTCTTACAGCTTTGTTTTCAACCAGCTAAAA  
ATGTTTTATATATTACTCTAACCTGTTGTCTCCACATTCTATTGTCTAATTGTACTGTTTCTGATT  
GTATTTATGTCTTGAGACAGTAACCTTTTGG

>GBEQ1147 |Acc|CD467105|Ver|CD467105.1 GI:31388373|LeukoS1\_2\_H11.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H11\_A023 3', mRNA sequence.:Start:1:Stop:736  
GCACTCATGTATCCCATATGTGGTGGCCACATTGAATTTCCGGTTGAATCCGTTTTATCCTTTGTACTGG  
ATGACATGGTGCCTGAATTCTTTCTTTTCGCCGACACGATAGCAGCCAACTGCAGCTTCAAACGCTCAC  
ACTTGGCTGGGTTTCTACCTAGGTTGCCAGGTTATCATCGGAGCCTTCTTGTGTCTCAAAGGGCCACAG  
GGTCTGAAAGGAGGATCGGAATGCTACCGTACTAATTGGGCAGCCATCTCAGAATTGTTGTGGGCCAAAG  
GGCTGCTTTAGCACTTTTAGCAAATTAATGACTCTCTGGCACAGGGGTTTTTAAGTGAAGGTATTAATAA  
GGGCTCTGGCAGGTATCCCATGATTCACAGAGTTACATTTGCATTTAATTTATCTTAAAGAAAGTTGCA  
AGATAAACAGCTGTAATTCAGACAAACATGGGAAATACACTAAGTGGGGCCATCTTGCTCATAAAATGAA  
CACTGAGATACTTGTGTTAATTTTTTTTTTCTGGGGTAAAAATAGAGAAATCAAAATGCTTCTAACAAA  
ACCACTAGTTTTGATATAAATATTTCTGGGAAATATTTGCATCCAGCTACAAATATAATCTTTCAAGAT  
AAATGACTTACAATTCGAATAGTCAAGCTGCTGTATTGTTGATGTAAAGATGTTTTGAACAGCTAGATT  
GTAAATAAATTTTTAATAAAGTGCCCACTGCAAGT  
>GBEQ1148 |Acc|CD467098|Ver|CD467098.1 GI:31388366|LeukoS1\_2\_H05.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H05\_A023 3', mRNA sequence.:Start:1:Stop:607  
CAATAAGAGGCGTGGATTCTGCTTTATTACTTTTAAGGAAGAGGAACCACTGAAGAAGATAATGGAAAAG  
AAATACCACAATGTTGTTCTTAGTAAATGTGAAATAAAAGTAGCCATGTGGAAGAACAGTATCAGCAGC  
AGCAACAGTGGGGATCTAGAGGAGGATTTGCAGGAAGAGCTCGTGGAGAGGTGGTGACCAGCAGAGTGG  
TTATGGGAAAGTATCCAGGCGAGGTGGTTCATCAAAATAGCTACAAACCATACTAAATTAATCCATTGCA  
ACTTATCCCCAACAGGTGGTGAAGCAGTATTTCCAATTTGAAGATTCATTTGAAGGTGGCTCCTGCCAC  
CTGCTAATAGCAGTTCAAATAAATTTTTTGTATCAAGTCCCCGAATGGGAAGTATGACGTTGGGTCCCTC  
TGAAGTTTAATTTCTGAGTTCTCATTAAAAGAAATTTGCTTTTATTGTTTATTTCTTAATTGCTATGCTT  
CAGAATCAGTTTGTGTTTTATGCCCTCCCCCAGTATTGTAGAGCAAGTCTTGTGTTAAAGCCACAG  
TGTGACAGTGTCTATGATGTAGTAGTGTCTTACTGGTTTTTAATAAA  
>GBEQ1149 |Acc|CD467097|Ver|CD467097.1 GI:31388365|LeukoS1\_2\_E07.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E07\_A023 3', mRNA sequence.:Start:1:Stop:211  
ATTTAATTTCTATCAAGATACTTGAATTTAAGTCTTTAATGTAGGCAAACCTTTCCATTTTGTCCATTT  
TAAGTTTATGTTAAATAAACATCCCTCTCCTACATATTCTTTTCTTGACTCAAATGAAATATTACCCT  
CCAGTCAAGATGGGAGAGAGAAATGACTGAGATGAATGTCTTTACTAAAAATCCCAATAAATTTTCAACCC  
C  
>GBEQ1150 |Acc|CD467094|Ver|CD467094.1 GI:31388362|LeukoS1\_2\_F05.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F05\_A023 3', mRNA sequence.:Start:1:Stop:562  
CATCAAGCAGCTGCATGAGCAAGCCATGCAGTTTGGGCAGCTCCTGACACACTTGGATAACCACACAGCAG  
ATGATTGCTAGTTCCTCAAGGACAATACTACCCTCTTGACCCAGGTGCAGACAACCATGCGTGAGAACC  
TGTCCACAATTGAAGGGAATTTTGCCAACATTGATGAACGGATGAAGAAGCTTGCAAAGTGAGCACCTTT  
GGGAGACGAAGAACAGGGGTAATCCTTACCCTTTGAACTCTGTAAACAGCTTACATAGGGTCTCCCCCTT  
AATTATAAGTCTCGCATCCCCATCCCATTTGACACTGGGGGCAAGGGGTTCTTCTTGATGTGGGGCTTA  
CACCCCTCCTCTGATGAATAGAGTGGTAGCTGGGGCATATTAGATGGTGGTCTCCCCTCAGGCCCCAGGG  
ATAGGACATGGGCCAGCCACCTGCCAGCTCATGTCCAGTACTGCTTTGCCTGGTATAGGGAAGGATTG  
GGTCTGTCTCCAGCACAGCTTCTGTGGCTGATTGTAATACTCTACAACGTCTTCTGACCATTAAATGC  
TG  
>GBEQ1151 |Acc|CD467090|Ver|CD467090.1 GI:31388358|LeukoS1\_2\_H03.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H03\_A023 3', mRNA sequence.:Start:1:Stop:555  
AATATGTTTCAAAACCAAGGGACAGTGATCCACTTCAACAACCCCAAAGTTTCAGGCGTCCCTGGCAGCGA  
ACACGTTTACCATTCAGGCCACGCCGAGACCAAGCAGCTGACAGAAATGCTGCCAGCATCCTCAACCA  
GCTCGGTGCCAGTCTGACCAAGTTTAAAGGAGACTGGCTGAAGCGCTGCCCAACAATCTGTGGATGGA  
AAAGACCACTCGCCACAGGAGAGGAGGATGATGATGAAGTTCCAGATCTTGTGGAGAATTTTGATGAGG  
CTTCCAAGAATGAGGCAAACTGAACAGTCAACTTTTGAAGAAGCTCAGACTTGAAGAAGTTACTGGGA  
GCTGCTGTTTTATATTCTGACTGCTTTTTAAAATTTTGTTCATGGATCTGATAAAATCCAGATCTCTAAT  
ATTTTTAAGCCCAAGCCCTTTGGACACTGCAGCTCTTTTTCAGTTTTGCTTAGACACGACTCATTCTTTGC  
AGCTCATTAAAGCTGAAGAAGCCTGGGGATAAAGTTTGAACAAAGGTTAATAAAGTTCTTTGCCT  
>GBEQ1152 |Acc|CD467088|Ver|CD467088.1 GI:31388356|LeukoS1\_2\_H04.b1\_A023 Stimulated



peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H04\_A023 3', mRNA  
sequence.:Start:1:Stop:614  
TGGATTGGGGCAGTCTTGTGTGTTGGCATTGGAGGTGATCCTTTTAAATGGAACAGATTTTATTGATTGC  
CTTGAAATCTTTCTGAATGATCCAGCCACAGAAGGCATCATATTGATTGGTGAAATTGGTGGTAATGCAG  
AAGAAAATGCTGCAGAATTTTTGAAGCAACATAATTCAGGTCCCAAGGCCAAGCCTGTGGTGTCTTCAT  
TGCTGGTTTTAACGGCTCCTCTGGCAGAAGAATGGGTATGCAGGGGCAATTATTGCTGGAGGAAAAGGT  
GGAGCTAAAGAGAAGATTTTGGCCTGCAGAACGCAGGAGTGGTGGTCAGCATGTTTCTGCACAGCTGG  
GAACCCCATCTACAAGGAGTTTGAAGAGGAAGATGCTATGAAATTAACAAACAGCAACGTGTTTCTT  
AAGCCTGTGGATTAAATCATTATGGAATAGGAACTGCAGGTCAATGCTGTTTCCACTGATTGTCTGATT  
GTCAGCCCGCGCGCTGTTTTTGGTCCCTCAGCACAGGGGGAAGCCACATGGAGTGGAGAATGTCCTGTG  
TTGAGATGTTTTACCTCATTGTCCAACAGAGGCAGCCAATAAATCTACCATT  
>GBEQ1153 |Acc|CD467085|Ver|CD467085.1 GI:31388353|LeukoS1\_2\_G08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_G08\_A023 3', mRNA  
sequence.:Start:1:Stop:730  
AGCAGGAGTGATTAAACGGTTATGGCGAGATGGTGGGGTGCAAGCTTGCTTCAGCAGATCTAGGGAATAT  
CAGCTCAATGATTCTGCTTCATATTACCTAAATGATTGGATAGAATATCCCAAAGCAACTACATTCCAA  
CCCAGCAAGATGTCTGCGGACAAGAGTGAAGACCACAGGCATTGTGGAAACGCATTTACCTTCAAAGA  
CCTATACTTCAAGATTTGATGTAGGTGGCCAAAGATCAGAACGAAAAAGTGGATTCACTGTTTGGAG  
GGAGTGACAGCAATTATCTCTGTGTGGCCCTCAGTGATTATGACCTTGTCTGGCTGAGGATGAGGAGA  
TGAACCGAATGCATGAAAGCATGAAACTGTTTGACAGCATTTGTAATAACAAATGGTTTACAGACACTTC  
AATCATTTCTTCTCCTCAACAGAAAGACCTTTTTGAGGAAAATATAAGAGGAGTCCGTAACTATCTGT  
TATCCAGAATACACAGGTTCCAATACATATGAAGAAGCAGCTGCTTACATTCAGTGCCAGTTTGAAGATC  
TGAACAGAAGAAAAGATACCAAGGAGATCTACACTCACTTCACCTGTGCCACGGACACCAAGAAATGTACA  
GTTTGTGTTTGTATGCTGTTACAGATGTCATTTAAAAACAACCTTAAAGGAATGTGGACTTTATTGAAGA  
GTGTGGATATTAATAAAAGTTATTACAGGA  
>GBEQ1154 |Acc|CD467084|Ver|CD467084.1 GI:31388352|LeukoS1\_2\_C01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_C01\_A023 3', mRNA  
sequence.:Start:1:Stop:593  
GCCGGCTCAGCATGAGTTGAAATGACTACATTAATATTTTTCCACCTAGAATTCTTCAGCAAGATGTTT  
ATTTCCCATGCTGATTCTGGAGGGCTTACTCTTCCCTCCAAAAAAGGAATATTCTCCCTACGTCTTGTCTT  
CTGACTTTGGCTACATCTCATAGTAAGTTTCAAGTAGTTCATGATAAATTGAAAATATAATGGTCATTGC  
AGAAAATGATTGATTGTTGTAAGTGTCCACTCAAGTAGGAAGTGTAACTGCTTTTCCAGCTTTTGATTTT  
CATTTGGGCATGTGTTATTACAAGGACAACATAAATTTAAGTTTAAATACCCCTTCATTTAACACAGTTTT  
TAATGAGTGGTTTCATTTCTTGTATTATGTTTAAAGACTGCCTAAATATGAGCACTGTCTTC  
ATAAAGGAACTACATATGCAGATTCAGTATTGTTTACCTTTGGACAATTAGATGGACATATAAATGAA  
ACTTCTTTAATCTGACAGGATCAGCTGCAATGCCCTGTGTTAACTGTTTTAACTTTTTCTCTTTTTT  
GCCAATAAAGTTGTAAATAAAGACCATCATACA  
>GBEQ1155 |Acc|CD467083|Ver|CD467083.1 GI:31388351|LeukoS1\_2\_D03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:613  
CATGGTAGAAAATGCACCAATAGGATCATATGAATTGCTGTTTAGCCTTAGTCAATAAACCTGTAGGAC  
TTTTAAACAAAAGTGTCTTGTAAATGTCTGCATCCAGCATCGTTGAGCTGTATCAACATTCTTGTGT  
CTGTTTTACTGTATAATATTAGATAAATATGGAAGCAAAGGCATTCCACAGGATCATATTTTAAAAAA  
GGAATTCTGGTTCTGTTTCTAAAGAAATGTTGTAGAAATCTTAATTTGGATCTATTTATTAGTAAGAG  
TTTCAGCTTTCTTCAGCTGCCAGTGTGTTATCCATCTTTACCATAAACCCCTGGAATAAGATTTTTGTTG  
TTCACATATGATCCTCTTAGACTCTTTATATTGGAAAAATTAATCTTTCTTTGGGGGAAACATCTTG  
GTTCTTCTGCCATAACAGACTGTGTATTAACCTTGTAGATTCACTGGTTCGATACGTCTAGTCACTCGTG  
TTTCCAGAAGGATTTCTGTAATGGTAAAATAAAGATGGTTGGGGAGGGGGGATATTTTTGTTCTCAA  
TGTACCCTGTTTTGAAACTAGAAATCTGTCCTGTGGCATGCAAAAGAAAGCAA  
>GBEQ1156 |Acc|CD467082|Ver|CD467082.1 GI:31388350|LeukoS1\_2\_E05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E05\_A023 3', mRNA  
sequence.:Start:1:Stop:515  
GAGACTGAAGAAGTGGCCTTGACGCCATTACTGACACCCAAAGATGAAGTACAGCTCAAGACCGCTACA  
GCAATCCAACGGGCAGCCCAAGAGCATAGGCTCAGCTCCCTGGCCCAGGCCAGCCACCTCTCAGTAG  
CCCCACAAGGGGAGGAGTCAAAAAGGTGTGAGGGGTGGGTGGCACCACCTATGAGATTTCCGGTGTGAGAT  
TTTGGCACCTCCCTCCCCATGCCTCTGCGCCTACACCAAGGGCCCCAGGTGGCCACCTTCTCTTCTCT  
CAAGGGGCTCCTCTCCCTGCATGGACATTTTTTAACTACCGAATCCAAGAGGATGAGGAGTGTTTTTAT

AAAATGCAGTGGGGTTGGGGAGTCAGAGAGTTGGGGCCCTGAGGCTGGGGTAGTAAACCCCTTCACCTT  
TTAAGACCTTCCCTTCCTTAACCCCTGGACCAGACTCAGTGGACATTTGTGCAATTGCTCGCCCTGGAGG  
GAACCAGATCATTTTAAACAGAA

>GBEQ1157 |Acc|CD467080|Ver|CD467080.1 GI:31388348|LeukoS1\_2\_E06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_E06\_A023 3', mRNA  
sequence.:Start:1:Stop:613

AGAATGAGATGGTGATCATGAGACCTGGAACAGATATGAGTACAAGTTTCGGCTTTGAGCTTCCTGAGGG  
GCCTCTGGGAACATCCTTCAAAGGAAAGTATGGGTGTGTAGACTACTGGGTGAAGGCTTTTCTTGATCGC  
CCCAGCCAGCCCACTCAAGAGACAAAGAAAACTTTGAAGTGATGGATCTAGTGGATGTCAATACCCAG  
ATTTATTGGTACCTGTGTCTGCTAAAAAGGAGAAGAAAGTTTCTGCATGTTTCATTCTGATGGGCGAGT  
GTCTGTCTCTGCCAGAAATTGACAGAAAAGGATTTTGTGAAGGTGACGAGATTTCCATCCATGCTGACTTT  
GAGAATACGTGTTCCCGCATCGTGATCCCCAAAGCTGCCATTGCAGCCTTAGCACTTTGTTCACTGTCTCT  
GTGTCAGAGCACTGAGCTCGCCACCCCTTTTCTGAGAAAGTATGTGGGCTGAAGGTGGTTTTATTTTTTGT  
TTTTTAATTGTATATCTTTTGTATAATAAAAGCTATATTTTGTACTTAACAGATATATTTTCACCCCA  
GGTGGGGATATTTCTTTGTAAAAAAATAAAAAATAAAATTAAGTTTAAAACT

>GBEQ1158 |Acc|CD467077|Ver|CD467077.1 GI:31388345|LeukoS1\_2\_B12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_B12\_A023 3', mRNA  
sequence.:Start:1:Stop:711

TGGGTACAAGGCATTTCTGAAATTTTATAAACTTACGTTTAAAGGGGAATTTTTAAAGGAAGTGTTTTTTC  
TTTTTTTTGAGGGTATAAAGGAGGGACAGAAAAGTAACCACTTCTTAAGTAGAATATTCTCATAAGCTAC  
CTTTTGTAAGTGCCATGTTTATGACTTAATCATTTCAAGTTTTCGATGTCTGACTGCCACTCCTTT  
CTTTCAAGGACAGTGTTTTTGTAGTAAATCACTGGTTTATACAAAGCTTTATTTAGGGGGTAAAGTTAA  
CTGTCTAAAAACCCCATGTTGGCTGCTGCTGTTGAAATACTGTGCTTTGGGAGTAAAAAAAAGTTATTT  
CTTTGTCTTAAAGAATTTTAAAGAAACGAGTTAGTCACAAGACTTATTCATCTTTCCAGGGAGCATACTG  
ATTGGTCTTAAAGACTAGACAGTTAAGTAAATGGTGGCCGGAACATCTATTTTTCTACAAAACGTGAAAA  
ATGAACCCAGTTCTAGAAGATGTATGACAAAAATAAACATGTGAAGCGGTGTTGATTCTTTATTGAGAG  
TACATTTATTTTAGGTTCTTTGAAAAAACTTATTTACACAGCAAATTTTAAATCATAAGGGAGCATATTT  
GAACCTAGTGAATTTAACTTTGTTCCTCGCAACTTTTAAATCAAAGTACAGTAGTAAATAAACCTTT  
TAATATTATAC

>GBEQ1159 |Acc|CD467072|Ver|CD467072.1 GI:31388340|LeukoS1\_2\_H12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_H12\_A023 3', mRNA  
sequence.:Start:1:Stop:555

ATATTTTAGGAAGCGAGGCGGAGGCGGGGTTTCGAGCTGCGGCGGGGCTGCGGGCGCGGAGCAACGGCGG  
GAGGAGGCGGACAGTGGCAGTGGCACTGGTAGCAACCCGCGCGGCGGCGGAGTACAGCAGCGGCTTCG  
GTCCGAGCGCGCGGCTCCTCCTCGCTCCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG  
CGGCGCGGCTAGCTCGGCGGGGAGCTCTCTCTTCTCTGCTCTATTCCCAAGCGACAGGACCTGCAC  
CCCTCACCACCCCTTTGCTACTTTCAGTCCCGGAAGTCCGGAAGTCTACCTGGTAGGAAGGCACCGA  
AGCATGTGGGGGAAGCCAGACGTTCCCGGAATGAAGCATGTAGCTATATGGGGGGGAGGGGGAGGGCTG  
CCTGAAAAACATCCATCTGTGGGAATGACAGCGGGGAAGGTTTTTATGTGCCTTTTTGTTTTTGTAAAAA  
GGATAACTCGGAAAGACTGAAAGAATACATTTTATATCTGGATTTTTTACAAATAAGATGGCTAT

>GBEQ1160 |Acc|CD466980|Ver|CD466980.1 GI:31388248|LeukoS1\_1\_E11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:616

GGACGAGATGGATCGGTAGGGGACCTGCTCCTAGGACTCGGGTTACCTCTGAGGCTGGGAGAGGTCTGGC  
CTCCCACTGCCTCACTCCCTGCTCCTCTTTCTGTCCATAAAGTGACGTGAATTGACGTTCTCATTGGT  
GGTCAGCCTGGATGGGTGACAGCCTGGATGCTTTCGGAAGTTGAGCTCAATATACGTTAGGCGACAATTC  
TCCCACTCAGGCTCTCACCGACCACTGTCTGGGACCAAGCTGGGAGGGGAGTGTGGCAGGGAGGAAG  
AAGAGGAGGAAGAGAATGAGAGTGGAAACAGTTTTGTATTCTACTCCCTACAAGCCATTTTGAAGCTTCTGC  
CCTCACCTGACTTTGGGCTGTGACAGGGGCACAAAGCTCAGCACATGAGACCCCAACTCTTGTGGGGA  
GAGGGATGCTATTTATTAGTTTGTGGCAGGAGGGAGAGGAGGGGAAGTATTTCTGACCCTGATGCCAAC  
AGCTTGGGTGGCTATCAGAGCAGGATTGACAGGGGACATAGAGGAGCAGTGCTAACCTGCCGAGCCCCCG  
CTGGCTGCCCTCACCCACCTGCTGCCGCTGCTTCTGCTGCTGCTTTGAATAAACA

>GBEQ1161 |Acc|CD466976|Ver|CD466976.1 GI:31388244|LeukoS1\_1\_A11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:612

GCAGATTCACGAAAAAGAGCTGCTGCCATGTACATGGTGAGTGAGCCTTCCACCCCTTGCTGCCGGCTG  
ATGTGGGCTTTTGACAGAAAGGCACAGAGCAGACAGCTTTGGACAATCTTGTGCCCCCACTGAGTGGTT



GTGTGACCTTGAGCAAGCGGGCATTGATGGGGAGAAGGAGCATGCCAATGCCAAGAAGATCCTGCTGGAG  
ATGGGCGAGTTCTTTTTCAGATTACAGGACGATTACCTTGGTCTCTTTGGGGACCCAGTGTGACGGGCAAGA  
TTGGCACTGACATCCAAAGACAACAAATGCAGCTGGCTGGTGGTTCAGTGTCTGCAACGGGCCTCTCCAGG  
ACAGCGCCAGATCCTGCAGGAGAATTATGGGCAGAAGGAGGCCGAGAAGGTTGCGCGGGTGAAGGCACTA  
TATGAGGAGCTGAACCTGCCGGCTGTGTTCCCTGCAGTATGAGGAAGACAGTTACAGCCGCTTATGGGGC  
TCATCGAGCAGTACGCTACGCCCCCTGCCCGCAGCCATCTTCCCTGGGGCTAGCACAGAAGATCTACAAGCG  
GAAAAAGTGACCTAGAGACTGCGAGGGCGGGGAGGGGAGGTTCTCAATAAAT  
>GBEQ1162 |Acc|CD466975|Ver|CD466975.1 GI:31388243|LeukoS1\_1\_C07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C07\_A023 3', mRNA  
sequence.:Start:1:Stop:613  
CCTATAACAATTAGGAACCCAGGGCTCTTTAGAGGGATAGAGGGATAGAAGCCAACCTGTGTTACTGTT  
TTGTGCATGTTTTAGAGATGGGAAGAGGTGATTCTTTGACTACAAATGCTGTGGTGGTGTCTTCTTCAGA  
GGGGAGTGTGGACAGATCCCAAAAGGGGACGAGAGGAGGAAGGACAGATCCTAGCAAAACATTTTTATTT  
TCCTTTTTTTTAAAGCTTATAACAATCAACCAAGAATGGAAGCCCATTTGAAGAGTTGCAGAAGGTCCGAA  
GGGCGACCAAAATGACCAGCCCTCGCCCCCTTTTTTCCCAAGAGTACTTTATGAATTTAGTGGAAACACTTT  
TGCACAACTAGATTATGGGTACCAGTGTGCGGAAATGCTTTTGTCTACATTTTTAGGGCTTGCCTACTTT  
TTCGGACTTTGGATAAGGAATTTTAAAGATAGTGCAGTGATAACCACGTAGTCCAAAAATAAGTTTCTAT  
GTTTATTTCTTGTGTAAGTTTGAATTTTGCATCTGAAATTTTATGTTTATGATGCCTGACTGTTTT  
CCTTGAAATGTATAAAGATTTGTAAATTAGATTGTCTGTAATAAAATACCATT  
>GBEQ1163 |Acc|CD466971|Ver|CD466971.1 GI:31388239|LeukoS1\_1\_E05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E05\_A023 3', mRNA  
sequence.:Start:1:Stop:427  
AATTTAAATTTTACTTGATGACTCAGAAGGCTCCTGATTGATCCTCCCTCCTCTTTAAGGCAGTTTCC  
TTATGAAGGTTAAACTCTTACGACTAATTCCTAAGGAAATTTGATTAAATACATATTCACAAACATCCTGG  
TCATTTCTTAGCGTGTCTCTATTTATTAATAAATAGCAGGTTCTATTTATTTAGTCCCTGATATATCTTTG  
TTTTTATAAGTCCAGTTTTCATTTTTTACGTTTTTCTCTATAAACGCTTATCATAAATAAGGTTTTAGAG  
AGAGACATGTTAGAAATATCCATATTTAACCCTTATCTTTCAAGCAAATATGTAAATAACCTCTGTAC  
TTTAGTACTTGATGTCATCTGAAGTTATTGCCTACTAAGTTACGGCTGTCTATGAAGGTAACATTAAAT  
AATTTGG  
>GBEQ1164 |Acc|CD466957|Ver|CD466957.1 GI:31388225|LeukoS1\_1\_C12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C12\_A023 3', mRNA  
sequence.:Start:1:Stop:736  
GAAGAAATGATTAGAGGAGTAGATGAGTTGGAAAGGCTTAGGGAAGAGATAAGAAGAGTAAGAAACAAGT  
TTGTGATGATGCATTGGAAGCAAAGACATTACGCAGCCGTCCTTATCCTGTGTGCTTTAGGCCTTGAAT  
TCTTTTTTTGTCTGATATTAATAATCTGGCCCTGCTTTCTTTCTGTTAGCATTTTCTGATGTATCTTTGA  
CCTTCGTTTTACTTTTAATCATCTGGTGGAAATTTGTTTTAGGTAGTTTCTTTGTTACCAGCATCTCACT  
GGATTTTGTATTTTAAACCATTCTCTAGGTCTGTTTTTCAATTGGGAAGTTTACATATATGCATGAAAA  
TATGTTTCATTCATATTGTAAAGTAAACATAACAGGTTACAAAGCAGCATATTTAGTATCAGCTCACAT  
ATGTAGGATAAAAAATCCCAATTTGTGTGTGTGTGTGCGTGTGTGTACATACATACATACATACATA  
TATCAAAAACCTTAAGTGTGCTTATTTCTGTGTGTGTGTGAGTTTTTCTTTTGTCTATATGTATTTTTTAA  
TGAACACGTGTACACAAACAAAAAATTAATAATTTTTTTATAAGTAAGAGTCAATCAAATAATTTGCAA  
CCAGCTTATAAGGGCAATGGGGCACCTAAACTCTTGATGAAAGAACTATTAAAAAATGTAAACCTCAAA  
TTGCCTCTGGATGTCTCAGCCAGAGGAATAAACTG  
>GBEQ1165 |Acc|CD466954|Ver|CD466954.1 GI:31388222|LeukoS1\_1\_D07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:636  
TCCGGAATGTCGACATCACTCTGAAGGGACGCACAGTTATTGTGAAGGGCCCCAGGGGAACCCCTCCGG  
AGGGACTTCAATCACGTCAACGTGGAACCTCAGTCTCCTTGGCAAGAAGAAGAGGCTCCGAGTTGACA  
AATGGTGGGGAAACAGAAAGGAGCTGGCTACCGTCCGCACGATCTGTAGTCACGTCCAGAACATGATCAA  
GGGTGTTACGCTGGGCTTCCGTTACAAGATGAGGTCTGTGTACGCTCACTTCCCCATCAACGTCGTCATT  
CAGGAAATGGTTCTCTTTGTTGAAATCCGAAATTTCTTGGGTGAAAAATACATCCCGAGGGTTAGGATGA  
GGCCAGGCGTTGCTTGTTCAGTATCTCAAGCCAGAAAGATGAGTTAATTTCTGAAGGAAATGACATTGA  
ACTTGTATCAAATTCAGCTGCTTTGATTCAGCAAGCCACACAGTTAAAAACAGGATATCAGAAAAATTT  
TTGGATGGTATCTATGTTTCTGAAAAAGGAACAGTTTCAGCAGGCTGATGAATAAGATGTAAGTTGTCCAG  
CTACAGAAATAGCAAGATGGCGGAAGATTCTTGAGACTTATTGTGATATTTTAAAGATGCAATAAAAG  
CTGTGT  
>GBEQ1166 |Acc|CD466942|Ver|CD466942.1 GI:31388210|LeukoS1\_1\_A05.b1\_A023 Stimulated

peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_A05\_A023 3', mRNA  
sequence.:Start:1:Stop:568

TGTGCCTTTTGAACCACTAACTTCTATAAAGCATCTCTGGTTCTTTAAAGCTTGTGTTGTAAGGA  
GCAATGTAGGTGATGCTATAGTACTTTATATTTTGTCTTAGTAATGACAACCTACCAATTCTTTTCACTT  
AAGTTGACAAATTTTCATTTAATGGCAGCTGAAGGGCCATTTTCAATTGGGAAAATTCATTTGTATCTGTG  
GTAAGTTTATTTTGTATGAAAAGTTGCACTAGTATTTTACCATCAGATGAAAATAAGATGAGCATCAGTT  
AAAAATTAATGTATTTAAAGTAAAGTACAGAGAAAAACATGTATATAATATATCAGGCTTTGTTTGAAT  
GAATCTCTTTCCCGATCCTTAATGTAAAGACCCTGTGCTATAACTTTTAAAGCCATACAAATAAGAGTG  
CTAAACTGTGGACTTAAAGTAGATGTGTACATATTTTAAATCAGTATTACTTGGAAAATAAAATATAAC  
AACCACATAAAATAAACCAATATGCTATATTCTTTACCTGTTAAATATTGGGAGATATTGCATTTTTAA  
AGTAAACT

>GBEQ1167 |Acc|CD466939|Ver|CD466939.1 GI:31388207|LeukoS1\_1\_H11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:452

ATGTCAGAAGAGGAGGAAAGAAACACTTTCTCCCTAGCTCCTCCTGACCACTGCCGAAGGGGAGGGGCC  
CCAGTTTGTGGCTTGTGTTGGTGTGATTTCTGGAGTGTGTGTGTTTCGAGGGCTGTGAGGGCCGACGACGAG  
GCCAAGGGCAGAGCGTTTAAAGCCAGCCGAGTGAGGTTCATCGCTTCCAGGGCTCCTGGAACTTGGC  
GCCCTTGGCCGGCTGCACCCAGAGAGAGCCCTCAAGTGTGCACACTGCTTTCGGGCATCGGGGAGGGGG  
GTATTCCAAATCAATAAAAGGGTAGTATGAGTTTCTTCTATTTTGTGGAAGCTTGTTTTCCAGTCTCT  
TGTACAGCGTTAAAAAAGAAAAGATTCTATTTATTAAGCTTTATGGAATAATTGTTGTGTGTGATAA  
TTTAATGTTTTTCCCATTTAAATTAAGACTTG

>GBEQ1168 |Acc|CD466933|Ver|CD466933.1 GI:31388201|LeukoS1\_1\_B08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B08\_A023 3', mRNA  
sequence.:Start:1:Stop:706

AAGAGGCTTAATGTTGACTAATGTGTTTACTTTCATAGGAAGTCTACAGTTTTTTTTCAGTTTGCGAATAGAA  
CTAATGCTGGTGACAATTTATCTAAATCTTGGTTATCAAATACATCTCCAGTACATTTCGGTTCTTAACC  
AAAAATATAACCCACACTTAATCTTGAGTGATACAGTCCATCCCAATCATCAACAAAAATAGATATAAA  
AATGGTCAATAACAACAGACTATCTGAAAACAACTGATTTAGGCAAAATCCAGCTGTGCAGACATCTG  
ACGCCCTCGTCTGTTCTGTCTCTCCAAAACAGTAAATCCCAACCACTCTTCTTGGGCAATATTATATT  
TAAAAAGTAGCAGAATACCAATGGCTAAAAATGGAGACAGCCTGAATAAAGAATGGTGTTTTTCACAAAG  
TGTGACCTTTGGTTGAAAGGATCTCTTAGAAACATTGCTTTTCAACAGCTCCAAACGTAAACTCACATTT  
ATATAGCCATCTCTTTAGCCCTTTAAAGAAGTCTTTTCTGCATCTCGGTGATCTTGGAGCGATGTAAAGG  
ACTGCACGAGCTGCTGGTTCTCGATTTCACTAGCTTAGAATCAAGCGCTATGACGAAATCTGGGGCAGAT  
GAGTTCAACCACTACTGAAATAATTCCTAATTAACCATGCATGTTGTATACAACAGAAACAGTATCATTA  
AGGCTT

>GBEQ1169 |Acc|CD466926|Ver|CD466926.1 GI:31388194|LeukoS1\_1\_H01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H01\_A023 3', mRNA  
sequence.:Start:1:Stop:658

ATTTGTTTAGTCCCTTTTGTGCTTGCACATCCCTTGGAGCTCAGCAATAGTGTACCATATAGAAACATA  
GTAGTGGAAAAGGGTCCACTTTTCCCTTGTCTTAAAGATGGAATGACTGCAAACTCCCTTTTCCCTGT  
CCCCAGCTTGACGCTACTCTGGGCTAGGACCTTATCTGTCTCCATATTGGGCCTTGATTGTGCTG  
AGGGTCAGCTTTTGGCTCCTTCTCTGAGACAGTGGAAACAATGCCAGCTCTGTGGCCTCTGCCATGGG  
GACTGGGAGTGGGGCTTCGGGTGCCACTGCCTGTGGGTGCGGTTTAAAGGACAGTTCTGTTTCATTGGT  
CAGAGCCCAGGGTCTTTAGCACCCACGAGTATGACTGAAAGAAGAGGGGTGGGGGTGGAGGGGAATTAC  
CTGTGCCAGCTAGAGGGAGATAAAGAGAGTGAGTTGGCTCTTGGAGCAGGTGCTTTGGGGAGAAGATAC  
ATAGCTTACGATGCAAGAGGAAGATCCAGAAAATTATCATCGAACCTATTAAGGGTTATTTCTTTTCCCTT  
GCCTTTCTGGAAAAGCAAGCCTCTTATTGTCTATGTTCTCTAATCCAAATTTATGTGACGTCTTTTCTGA  
AACTGAATTAATAACTCATTTTGTCTT

>GBEQ1170 |Acc|CD466925|Ver|CD466925.1 GI:31388193|LeukoS1\_1\_G02.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G02\_A023 3', mRNA  
sequence.:Start:1:Stop:589

ATCCAGTTCCCTTTAGACCTTGATGTGAAAATGAAAGCTGCGATGCTTGGCGCATGTTTCTCATTTGACT  
TCATGTTTTTTGAAAGCAGTGGAGGCAATAAGTAGAAAGCAGGAATGTGGTAGTATTAATGATAGTCTCC  
TCAGAAAACCTGAAGCCTGTATTGATTGGGATTACGGAGAAGAAAACTCAGTGTTTTTTTTTCTTTTAT  
TGAAATGGCTTATAGCGTTTGAATTACACTATGATGCTTGAAGCTCCAGGTGTATGATTTCACCTTTTCAA  
ATTATAGAGTTTATTTTCTGTATTACTTATAAATGTTTTTATACATTTTCTTTTATTTTATACATTTTCT  
TTTTTATTGTGATTTTCAGAGAAAGGATGTAGGAATTTTACATTTAAACATGGAATTTCTATGATAAA

TTCTTAGAACTATAGTCCCTGCTTTATTTTCAAGTTTTATACTAAATTAAAGACTTACTAGACTAATTT  
TAATATAAAAGTATATATTTTATAAATCTAGTTGCAATATATTTTCATCTGTAACAATAATGTTATTTTG  
CAAATACTGTATATGCAAAAAATTAAAAA  
>GBEQ1171 |Acc|CD466922|Ver|CD466922.1 GI:31388190|LeukoS1\_1\_G12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G12\_A023 3', mRNA  
sequence.:Start:1:Stop:664  
AAAGACCAGCTGGTGTACCCGCTTCTGGCTTTTACCCGACAAGCACTGAACCTGCCAGATGTGTTTGGGT  
TGGTAGTCCCTTCCATTGGAGCTGAAACTACGGATCTTCCGACTTTTGGATGTTCTGTTCTGTCTGTCTTT  
GTCTGCAGTTTGTCTATGACCTCTTCATTGCTTCGAATGACCCACTTCTGTGGAGGTGTTTATATCTGCGG  
GATTTTCGAGATAGTACTGTGAGAGTTCGAGACACAGATTGGAAGAACTATACAAGAAGAGGCACAAAC  
AAAGAAAAGAAGCTCAGAGAGGGCGGCATGTGATGTTCTGCCATNGTCTCCCCACCNCCTTCCATTCT  
ATCCCAACCCCTTGCACCCAGGCCTTTTCTCCAGCTCTCTCCTTCCAGGAATTATTGGTGGTGA  
ATATGATGAAAGACTAACAATTCCCTATGTTGGGGACCCAATCAATCACTCATCCCTGGGCCTGGGGAG  
ACACCCAGCCAGTTCCCTCCACTCAGACCACGTTTGGATCCAATTGGCCCACTTCCAGGACCTAGCCCCA  
TCTTGCCAGGGCGAGGTGCCCCAGTGACAGACTTCCCTCTGAATTCCCTCTAGAATAAAGGTGGTTCA  
CTGATGATGTTCTGTACCAGATTAAAAATAATTA  
>GBEQ1172 |Acc|CD466916|Ver|CD466916.1 GI:31388184|LeukoS1\_1\_B11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B11\_A023 3', mRNA  
sequence.:Start:1:Stop:670  
TGCCCTCCATATCCAGAAAGTTCAGGGTTGCTATGCAAAAGCAGAACAGTGGTTTCACTCCAATTTCTGT  
ATATTGGAATCATCACTATCTGCGTGTGTGTGGTAGAGGTGTTGGGGATGTCTTTTGCCTGTACGCTGAA  
CTGCCAGATTGATAAAACCAGCCAGGTCTTAGGGCTGTGACCTGCCGCTGCCTTGTCTGGAGAGACTTG  
TTTCATCTCTGGGACTTGAATTTCTGCATTTTCCCATTTGTCAAACAAATCTCTAGCCTCTAAATCATGCA  
CAGTCCACTCTCCAAAGTCAACCAAGAAACCAGTTGAAGGGAGCTCTGGGGCCAGACTCACCAGATCATT  
GTCAACACCTCTGTTTCTTTTACTAGAGCCTTGGTACAGTATGACAGAGCACTTTTCTTCAAAG  
GGCAAGGTTTCATTTCAATTTCTTTATTAAGGACTTTATTGATTCAATCTAAGTCTTTTCAGAAGAAAT  
GATCCAGAGATTTGTATCTCTGACTCCAGCCAATCTCTCAGCCTTTGATTTACATAACTATGGAGGAACCT  
AGCAGAACCAAGTATCTATGGTGGTTTGTGACAATCACATTCAAAAGAGTTCTAGTGTATTCTCTAT  
CACACAAAGTTTTATTAATGTACTATTTTAAATATTCAAT  
>GBEQ1173 |Acc|CD466915|Ver|CD466915.1 GI:31388183|LeukoS1\_1\_B04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B04\_A023 3', mRNA  
sequence.:Start:1:Stop:625  
CCCGTCATGGCAGTTCTGTGACCCGTTCCCGCCTCATGAGCAGGGAGAGTGGTTTCATCAACGGTTGGCTA  
AAAAATAAACTCTTCAATTATGACTTTGTTTAACTATGTTCCCTTGCTTTTTCCAAAGGCCAGAATG  
ACCAGCCAGACATTTCTTAAATCGATATTTGGAACAACATGAATATCTTGTGTATGATAGTTGTGGT  
CGCAGGGGTGTGATGGTGGAGGCAGAGTGTGAAAAACGTGGGAGAGGAAGGAAGATGGAATTTGCCTGT  
TTCTTCTTTGAAATTCAGGCACCTTTTTTATTTAGGAAACCTAGATCAAGTTTTTACAGGTATTTTCAAC  
CAAATGGAATTTGGATATTTTATCTTAAACGTTTCTTCAGTAAATATGATGTTAGTAAGATACAATAAAT  
ACATGAATCTTTTATAGTACATGAATCTTTTATAGAACGTAAAAGTAAATCTCTTTCATATGAAGACCTT  
TATATGTGAATGAGAGGAAAAATATCCAGTCTTTTAAAGAGATAAATGCACAGGCAAGGGGGAGTGAAGA  
TTGAAGCAGTGTGCATAAATTTTAAAGACCCAAATCTATTACTGAATAAAGAGCATGGGAATTTG  
>GBEQ1174 |Acc|CD466914|Ver|CD466914.1 GI:31388182|LeukoS1\_1\_B01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B01\_A023 3', mRNA  
sequence.:Start:1:Stop:535  
GTTGGATGCCTCACCACGCGCTTATCCTCTGTGTGTGGTTTCGGCCGCTTCCCACTTACGCGCGCCACCTA  
CGCGCTGCGCATCCTCTCGCAGCTGGTCTCTACGCCAATCATGCGTCAACCCCATCGTCTACGCGCTC  
GTCTCCAAGCACTTCCGCAAGGCTTTCGCAAGATCTGCGCCAGCCTGTTGCGCGCTGCTCCGCGCAAG  
CCTCGGGCCGCGTGGGCGTTCGCGGTGCAGGGCACCCACAGCGGCAGCGTGTGGAGCGCGAGTCCACAGA  
CCTGACGCACGTGGGCGAGGCGGCTGGCTTCTGCCCCCTGCGCCGCGCCTCTCAGTGGCCAGCCTCG  
AGCCCGGTCCCTGGCCGTCCTGGCGAGACCAAAAGGCCCTTAACGGCATTCTGACAGTTAGTGTGACCC  
GAGGGCACTTAGGGGTACGCTTGAAGTTTAAAGGATTGGAGTTGGAGGTGAGGGGACTGTGGAGGAGTT  
TCATCTGTTAATAAACTTGCAAACGATTTCACATGCAGGAAAAA  
>GBEQ1175 |Acc|CD466828|Ver|CD466828.1 GI:31388096|LeukoN2\_8\_E06.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E06\_A024 3', mRNA  
sequence.:Start:1:Stop:669  
CAAAGCTATGGTGTCTCGAACTAAAACAGTCTGAAACATCAGTGTTTTATGCTCTTAGTTTAGTGAAATGT  
GCACTCGAAATTCAGAATTTATATGTGCTCAGAATTTCTTTTACAAAAATAAATCTTTTATTAAATGG

GAAAGTTAAATGCTAACCAAGCAACTTATTTTAAATTAGCATTTTCAGACGCTATGCTGTCATATTTAA  
CTCACTGCTGGCTAAGATAACTATCAGAGATTAAGATATATTTTCTCCAGATTTTGTGGGGCTTTTTTG  
GTATATCTGTATTACAGAAGACTATTTCTAAAGGTATGTAGTTAGCCTCTTTATGGCTCAAATAACGGTT  
CTCATCGCACCACGATTCTCTGTAGATGTGCATTAAATGAACACCCATTCCAGACCAGGACACAGCTG  
GCAGCAGCCAGGTGCTGAATGAGTCAAGTGCCAGATGTTCTGACACTTGTGCCTTTCCAGGAGTCGCT  
GGAAGCTCCTGTGACTGAGGGAGGTGGTCACGTTGTTGCTGTCGAGGGGCTGGCTGAAAGCCGTCGACGT  
CCTCACTAATCGTTTTTCGTAAAGCTTGGACAGCATCCAGGGTGAATGGGTGGAATCTTTTGTGTCAT  
TCTTTTAAGATGGATGATACAGACAGAAATAAACGGTGG  
>GBEQ1176 |Acc|CD466827|Ver|CD466827.1 GI:31388095|LeukoN2\_8\_E11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E11\_A024 3', mRNA  
sequence.:Start:1:Stop:468  
AGCAACGGCAGCCTTTAACAGTTGAGCACATGTATGAGGACATCAGTCAAGATCATGTGAAGAAAACAGT  
GACCATTGAAAATCAACCTCATCTCCACCACACCTATGTGTTCAAGTTCACCCATGCAGGCATGCTGAG  
GTGATGAAGAAGATCTTGAAGACTGTTGCAGAAGGAGGGGAGAACTTGGTGTTCATATGTATCTTCTAA  
TTTTCTTGAATTTGTACAAGCTGTCAATCCCAACAATAGAATATGACTACACAAGACACTTCACAATGTA  
ACAAAGCAAGCATAGAATCTATCCTAATATTAATTGGTTCTGATTTTTAAAGAATTAACCCATAGATGTG  
ACCATTGACCATATTCACCAATATGTACAATTTCTCTAATAAAGAGACTTACATGTTTATGCATTAAATA  
AAAAAAAGTTCCACTACCAGCCTTATTTGTTTAAATAAAATGGTAAAG  
>GBEQ1177 |Acc|CD466825|Ver|CD466825.1 GI:31388093|LeukoN2\_8\_F06.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F06\_A024 3', mRNA  
sequence.:Start:1:Stop:572  
CAGGACCGAGACAACATGGTGCTCATTGACAGCGATGACGAGAGCGACTCGGGCATGGCCTCCCAGGCTG  
ACCAGAAGGAGGAGGAGCTGCTGGTGCGCCCGGGGGTGGGGTGGCGCAGGGGGATGGCTGGCTTGGGTTT  
CCGTGTGGTAGTAGCCTGGATGGTGGCTTGCCCTGATGGCTGGCCTGGCCGCTGTCCCCCTAGCTCTTCTG  
GACGTACATCCAGGCCATGCTGACCAACCTGGAGAGCCTCTCGCTGGAGCGCATCTACAGCATGCTCCGC  
ATGTTTGTGGTGAAGTGGGCCAGCGCTGGCTGAGATTGACCTGCAGGAGCTCCAGGGCTTCTGTCAGAAAA  
AGGTGCGCGACCAGCAACTCATCTACTCGGCCGGCGCTACCGCCTGCCAAGAACTGCAGCTGACCTGC  
CAGGCCCTTCCACACCATCCCTGCCTCATCTCACCTCGGCGTGTCTGCTCAGCCCACCGCCCCCTCA  
CCCAGTGCCCCCATGCTCCTGCCAGCTCCACACGCCCCCTGCCAGCCCCGAGACTACAGAGTAAAGC  
AGATGGTTCTTC  
>GBEQ1178 |Acc|CD466824|Ver|CD466824.1 GI:31388092|LeukoN2\_8\_F11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F11\_A024 3', mRNA  
sequence.:Start:1:Stop:640  
AGTACAAACTAAGGATGATGTTTATGAAGCTTTTCGTGAAAGAGATGGAAGGGCTACTGTGAAAGCCTTCG  
ATGGCAGAACGGGCTTCTGTTACATCAGCGGTTCAFGAGAAAGAGGCTCTTGTATACTTAGGTGAAA  
GAGCTGCTTTCGCTGTGAGGGTATTTCTAATTCCTGTTAAGGAATATCCTAAAGTTTAGCCTTGTTC  
GCATTTACTGCATATGAGAGAGGGTATTTCAATTCAGAAATAGATTGGTCATTGAAGCAGTGCTGCTAACAT  
CCGGTCCCTTTCACACCGCCATTCTCATCCGCTTCTCTCTCTCCACTCTTTGGAACTTGGCATC  
AGGGGCTTCTTGTACTTATTTGTTTGTATTCTCTTCTGTGTGCTGTGGGCACTAGAGTAGAGATTTT  
TGAAACCAGTTTATTTTACCCCATCTTGCCCTTTCGTGTTTGAAGTTATTTTAAATATTTTCTTGTAAATA  
TTTTGTAAATATTGTAGTAAATGAATCTCAATGTCAATTTCTATTACAAAGCAAGATACGTGGGAAGAAA  
ATGTACGATTCTTTGATTAAATATTTTCCACTGACCTAAACTTTGAGTGTTTCATGGAATAAATAAAT  
AAATGTTCTA  
>GBEQ1179 |Acc|CD466822|Ver|CD466822.1 GI:31388090|LeukoN2\_8\_E02.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E02\_A024 3', mRNA  
sequence.:Start:1:Stop:550  
AAAAAAAAAAAAAAAAAAAAAAAACTTTTTCGCTGCCTGACCGACGCCATCATGGGTGCGATGCATGCTC  
CCGGGAAGGGCCTGTCCAGTGGGCGGTGCCCTACCGCCGACGCTGCCCCCTTGGCTGAAGTTGACGTC  
TGACGACGTGAAGGAGCAGATCTACAAGCTGGCCAAGAAGGGCCTGACCCCGTCGAGATCGGTGTGATC  
CTGAGAGACTCATCTCCCTGAGGACCTTACCATTAAATTAAGAAAGCTGTTGCTGTTTCGAAA  
CCAAAGGACTTGCTCCTGATCTCCCTGAGGACCTTACCATTAAATTAAGAAAGCTGTTGCTGTTTCGAAA  
GCATCTGGAGAGGAACAGAAAGGATAAGGATGCTAAATCCGTCTGATTCTGATCGAGAGTCGTATTCCC  
CGGTTGGCTCGATATTATAAGACTAAACGAGTCCCTCCCCGAATTGGAAATATGAGTCATCCCAGCCT  
CTGCTTGGTTGCATAAATTTGTCTATGTACTCATGCAATAAAATCATTGTTTACCTGGG  
>GBEQ1180 |Acc|CD466816|Ver|CD466816.1 GI:31388084|LeukoN2\_8\_B07.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_B07\_A024 3', mRNA  
sequence.:Start:1:Stop:615

TCCAGAAGGGCCCCCAGCCATAGCAAACCTGATGGTGTGCTCCCTGGCTGCTAGAGGCTTTGATAAGCG  
TGGACTGGATCGTCTGACTCCAGCTAGGTTTCCCTCACCCGGACATGGCAATGGCACCAAATTAGTAAAAAG  
AGCCAACACGGAGGATGCTGTGCTTTTGTGATGAAGCAAAAGCAGAAAGTAAGACATGAAGCCGTGATAC  
AAACTGATGAACAAAAAAATGCCCGAGGCTTCTCATGTCTTTATTCTGAAGAGCTTTAATATATACTGTA  
GTTTCATAGACATTGTAAGTAGAAGGCATTAGTGTGCGCATGTTATGCCCTGAGGAACCTTTCCAGATGTGT  
GTCTGCGATGTGTGTTTGTACACAGATGTCATAGATGCAGAAATGGTTCCTGCTGGTGTGATTGATTCCCTG  
TTGGAAATGTTTAAATTACACTAAGTGTACTACTTTACATAAATCAATGAAATTGCTAGACATGTTTGTAGCA  
GGACTTTTCTAGGAAAGACTTATGTATAATTGCTTTTAAATGCAGTGCTTTACTGTAAACCAAGGGGC  
ACTTTGCACAGGTGGACACCTTTGCTGGGTTTTCTGTTCAATAAAATTTTGCCAG  
>GBEQ1181 |Acc|CD466815|Ver|CD466815.1 GI:31388083|LeukoN2\_8\_A10.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A10\_A024 3', mRNA  
sequence.:Start:1:Stop:574  
AAGCGGTGTGGCTGGGCCCTCCTCCTCAGCTTTCTCTGGAAGGTTGCAGAGAGCAAGGACCAAGTACTTCA  
GCCTTCCACTGTGGTATCTTCGGAGGGAGCTGTGGCAGAAATCTCCTGTAATCACTCTATATCCAATGCT  
TACAGTTTCTTCTGGTACCTTCATCTCCAGGATGTGCACCAAGACTCCTTGTTAGGGGCTCAAGCCCTT  
CTCAGCAGGGACGCTACAACATGACATACGAGCGATTCTCCTCATCACTGCTCATCCTCCATGTGCAGGT  
GGCAGACGCTGCCACTTACTACTGTGCTCTGCAGGACACAGAGGCAGGGAACCCATGAAGAGCTGAACAG  
AAACAGGGAGAGATCACACGTTTCCAGGAGGTGGAAAAAGGATAAGCAATAGCTGCTTTCTCCCTGAT  
GCAGTGTCTTCAAGCTTTCCCATTTGGCACTGCCATCAGAAAAAATTGAGTCCAGACACACTATCTAT  
TAGCAAAATGTGCACAGGAACATATGTTTTTAGGGAGTGATTCAATGATGGTGCTATAAATCCATATTTAA  
TAGTCTTGATGACG  
>GBEQ1182 |Acc|CD466805|Ver|CD466805.1 GI:31388073|LeukoN2\_8\_A01.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A01\_A024 3', mRNA  
sequence.:Start:1:Stop:621  
GCCAGACAGAGGTATATCGGACTGCCCGACCAGGATAGCACTCTTCAAAGCCAAAGAGGCCACGCTGCT  
ACTGGCCGTGTGCAACCTGTGCTTCGATCCCATCCTGTACTATCATCTCTCGAAACCTTCCGCTTAAAG  
GTCGCTGAGACTTTTACTTACGTAAGGAGACCAAGGCTCAGAAAGGAAAATCAAGCTGTGAAAACGATG  
CATAACATACAGGATTTTTCATGCTCTCCCTTCTTGCCCTTACTGGACAATAAGTACAAAACCTACTAGGAG  
AGAGAAACAAAGAGCTTCAGTAAACACACAGATAGCCCGCAAACGTGGCCCGCTTCACTGAGAAACCTG  
TTTCTAAATGCATGCCACGACGAGGAGCGGTCTGTGGTTGCTGACGCTCCTCGACCCGAACAGCTGTACAA  
AAAACTCCAGCTTTGGCCAAAGCCAACGCACAACCCGTGTGCCTAACATCCCCGAAATCCAAATGAGTTCTA  
CGGCACAGACTCAGAGGCATTATCTAAGTGCCCTGCAAGCGACTTCTTGCTAGAAATAGGCAAAGTCATC  
TCTCTGTATAAGTTGCCAGAAAGCCTTTTCATTAGCAACACAATTTAAAGCGCTTTAGATC  
>GBEQ1183 |Acc|CD466804|Ver|CD466804.1 GI:31388072|LeukoN2\_8\_C05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C05\_A024 3', mRNA  
sequence.:Start:1:Stop:626  
CCATGTAGTAAAAAGTATACTTGTACAGTGTGTTTGTACTTGTATTTTCATGATGTTAAAACTGTAGCATGG  
CACCTTTTTTTCATGTTATCCTTTCTAAAGTTAACATGGGTCTTTTCACATATTTGTAAAGTTTATTTACT  
TGCACATACACCTACTGTGTCCCAAGAATTTCTTATGCTGTGAGAAACAACATAAAATCCCTTTAAAGG  
AATACAGATAGGCAACAATTAAGGCGTTAAATCTGAATGATACCAAAGTTCCTCGAGTCAGTTTTTGT  
TTATAATTTTAAATCTTGTATTTTGAAGTTGAGGTTTATAAACATCTTGCGATATTATAAGTGCAATT  
TTTCCCCAACTTTATTTATGATAAGTATATTTGGTACAAAATGTCCCTGTTTCATATTAAGACAGGAATGAT  
TTGCTCAGAAGATCTTTATTTTGTCTTAGTTTAAAGTCCCTGAAAATCTAAATAGAATTTTGTAGGTGTTCC  
AGGCAATATGAAGGAATGCAGCTTTTTAGAGATAGGAATTACAGAGCAAAATTAATTTTCAACAAATAT  
ATATAAACACCCAGTGTGTGTCAGGAACAGTATTAGGCTCTCTGTTAATTAATAAAAGAAAGATA  
>GBEQ1184 |Acc|CD466800|Ver|CD466800.1 GI:31388068|LeukoN2\_8\_D05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_D05\_A024 3', mRNA  
sequence.:Start:1:Stop:288  
GTTTCTGGCTCCTGGATCACGGGGAAGCCACGTGGACGTCCCTTTTTTTTTTGCACGCTCGTTAGCAG  
CTGGTAAGGTTTTTACACCCTGATTCTCAGTTTTTTTGCCTGGTGACACTGACATTAAGTAGTGGGGGGG  
ACAGTCCATTCCAGGACCCCTGGAGTGGCCTTCCCTTGGCCGTGGGACGCCCTAATTCAGTGTGAT  
TTGGAGTTGAGGGGTCTTTTTTTTCTTTCTTTAGTTCCGGTATTTTAAACGTTAGTACAAATAAACGTTT  
TTCCCCCG  
>GBEQ1185 |Acc|CD466797|Ver|CD466797.1 GI:31388065|LeukoN2\_8\_C01.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C01\_A024 3', mRNA  
sequence.:Start:1:Stop:233  
CATGTACATGGAGTTTGGAGGAGGCGACGGGTACCTTGCTCCAGAGAACGGGTATCTGACGGAGGCTGCA

CCAGAGTGAAGAGGGCATCTGTTTTATTTGGACGTGTTTCTACCCACCCCCTGCTGTCAGCCTCTCCAC  
AACCTTGGCCGCCACCTAAGTTTGGCAGCCAAGGGTAGGAGTCTCATTTGCTCTGGTTCCTTGGATTTAA  
AAATAAAATTAATTTTCATGTTGA

>GBEQ1186 |Acc|CD466796|Ver|CD466796.1 GI:31388064|LeukoN2\_8\_E05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E05\_A024 3', mRNA  
sequence.:Start:1:Stop:592

TTTCAGTGAAGCTGGCTATTTGGGAAGCATCACTGGATAAATTTGTGGAATCTATTTCAGTCGATTCCAGA  
GGCTTTAAAAGCTGGGAAGAAAGTGAAGCTCTCTCATGAAGAAGTTATGCAGAAAATGGGTGAAGCTCTTT  
GCCCTCAGACACCGTATAAACTTGAGTTCAGACTTCTTGATCAGCCTGATTTCTACTGGGACAGAGAAA  
ACCTGGAAGAGCTTTATGATAAGACTTGTCACTTCCTTAGCATTGCTCGTAGAGTTAAGGTCATGAATGA  
AAAACCTCCAGCACTGCATGGAGCTGACGGATCTGATGCGCAGTCACCTGACTGAGAAGAGGGCGCTCCGC  
TTGGAGTGGATGATCGTCATCCTCATCACCATCGAGGTAATGTTTGAGCTGGGACGAGTATTTTTCTGA  
TCAAGTGACCAAGAAAAGTACCCTGCGAGACAGAATCACGTTCTACAATCAAATAAATGCCCACTG  
TTGGGGGATCGCTTATTTAATAGGTATTTAATTTTTTAAATCAAGTTGTTATAACAATCTTTTTTCAGCT  
CCTAAATGTATTGCTGCTTGAATAAAATAG

>GBEQ1187 |Acc|CD466795|Ver|CD466795.1 GI:31388063|LeukoN2\_8\_F07.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F07\_A024 3', mRNA  
sequence.:Start:1:Stop:601

CAAAAGTTAAACTTTTGTATGATTGCATTTCTGCACATAATCCATATTTGCTGTTAAATTAATCTAG  
AAATTTATTTCAGTTGTACTGTGAACACCTGGAAGCAAAGTCATAGTGCAAAGTACATTTAAAGTGTGGTC  
AAGAATGTGTTCTTAATTTGGTCAATAATAACATTGATTTTTTTATAGTCTGTATTCTAAATTTTGCAGT  
CCCTTGTTCTGTGTTGTGACCTAAGGGATTGCAGAGGTGTTGTCACTGTATAAAATAGAAAGGACAAGG  
ACAAATGCCCTTAATTTATTAATAATGCAATTTCTTGACACTTTCTGTGTGATTAGAGTCCCTACCTCTTTT  
TTTCTTTTCTTTTGTCTCTGATGATTAGGCCAGGGCTGGGAGTAGAGAGGGGATTAGGTACTAGGAG  
CAAAGAAAGAATTAGCATGGAACTTTTGAGATGATCCCTAACATACTGTATTACTTGCTTTTACAATGTG  
TTAGCAGAACTGATGCGTTATAAATGTAGGGTGATGTGCTTTCTGCCAAGTGGTAATCCCTTGGTTT  
GCTATGTTAAACTGTAAATATAACAGAACATTAATAAACG

>GBEQ1188 |Acc|CD466786|Ver|CD466786.1 GI:31388054|LeukoN2\_8\_A11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A11\_A024 3', mRNA  
sequence.:Start:1:Stop:578

CTTTGAGGAAGCGGTCCGAAGAGTGCTTGTACTGAGGATAGGTCAGATCACTTGATTTCAGACAGACACG  
GTCAGCCTGCACCGGAAGCCCAAGCCTAGCTCATCTTGCTGTTGATCATTAGAGAGGTTGCCCATGCGTC  
CTCACCACTCACACATATACACAAATAAACACAGGGTGGACAAGAGAGTTAGTGTTTGCAGCAATGGCT  
CCTGTACTCATACATTAACTAACCATTATGCTGCTTCATTAGCAGGTGGGAGAAGGGACGCATCCACT  
CACGGAAGAGTTATTTACTCAATAATGGCACCCTTACATTTATATAATTGTAAACGGTTGTCTAATAACGTT  
TAATTTAAAATGTAAGTTACAGAGCTAATGACATGACCAAGACTTTAATTATAATTAAACAGAACACTT  
GAATATTGCAAAAGTTATTGTCTTTTTCCCGGGAAAATGGAGAACTACTTTTTATATGTGTATATTTT  
TGTAATTAGCATTTCTATCCCTGGGCCAGGGAAAAAATTACCTAAAGCAATAATGTTAGATATTAAGATT  
AAAATCTAATGCTTTTGCA

>GBEQ1189 |Acc|CD466783|Ver|CD466783.1 GI:31388051|LeukoN2\_8\_A04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_A04\_A024 3', mRNA  
sequence.:Start:1:Stop:516

GGGAGCTGGAGCTCATCCACTGCTGCTGATGCGCAAGTTTCTGATATTGGAAGAAACAAGATG  
ATCTCCGTAGCTTCCACTTTGCTGTTTTAATATACTCTATTTATCAGTGAATGCCCTTCTGTAGCTAATG  
CTCTTGGCCTTGTTGTTACCAAGTGGAGAAAGTTACGCTTGATGATCAGGAAACCTACCTAGCTTATC  
TAAAAGTAACACAGCTTCTGGCTGGTTCTGCAGCCTGAGGGTGAGGGGTGAGATAGTGGCTGCGTGAACG  
TCTTCTGCTCCTCTCTGGTCTAGTTATCTAGTCTGGAAGGGTGATGTGCTGCTGTTTTCTGTGCGCT  
AAGTCTCTGCTCTTTAGGCTTCAAATGCATGTGGGGCGTGCATTCTCTCCAGCAGTAGTAGCTTCACTGT  
TAGCTGTTTTGGGCTAGAAATGTTCTTATTTGTAAATGTGATTAAAATCTAAGTGACAAGTATGCTTT  
ATTATTTAAACAAAAGGTTTACGGG

>GBEQ1190 |Acc|CD466781|Ver|CD466781.1 GI:31388049|LeukoN2\_8\_C08.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C08\_A024 3', mRNA  
sequence.:Start:1:Stop:598

GAGTTAGCAGGGTTCAAAGCATTTTGTGGAAACAAGCCAACTAGTAATGATGCAGCAACATTTTTAGTT  
TAGCTACACATTTTCTTTTCCAACCTTAGGAAATCCAAACTGATTTGTACGTCTCATTCATAGACACATGG  
TCATCTCAGCAGAGAAGGCAAACAGCGTTGGCTGGAAGGTGATGGCTCTTCTCCCTTCTCCCATCTCCT  
TGTCGTAAAGTAAAATGTATTCTGTACATAATTTACAAATAAACATTTTATTTTAATTGTTACTTATTAT



TTAGACATTTTCTCAACACATAAAATTTGTAAAATTAAGACCATTTAAGGGTATGTTTTTAGAGAAATGGA  
AGTTCCAATAACCCAGAGAACATCTGTGATCTTTTACAGCAGCTTCAGTTTTGTGCCAACATTCATGTA  
TTTGAATATGAGTTAAAACGATCCTTATTAATAAGAGCAGACCTAAAGTAACTGTTTGTACGCCTTAAT  
GTTCATTTTGACTTATCGTAAATCTCTACATTCAGAAATGGGGTACTGTATTATCAGACCAGGAGGCACA  
GCTATGAAAGATAATTTACTGTTCTAAAATACCAATTT  
>GBEQ1191 |Acc|CD466779|Ver|CD466779.1 GI:31388047|LeukoN2\_8\_H05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H05\_A024 3', mRNA  
sequence.:Start:1:Stop:599  
AGAGGAAGTCCCCACGTCGCGAGGCAGGGCGAGGACGAAGGGGAGGCCGAGGGCCTCCGGGCGCTTGGCGG  
AGAGCTGCTTTCCAACCCGCGGAGCCGACCCGTGAGCTTGGAGACCCCTCCAGAGTCACAGTGAAGAAGGC  
CTGGACTTCAGACCCCTCCCCACCCCTCTCCAAGATCTCCGTATCCCCACGATCTTCTACTACCCGC  
ACTACGAGGTGCCCCCTGGCCGCGTCTGGAGGCTTACACAGAAGGCGCGGAGGATTTGAAGAACGAAGA  
GATGGACCTCGAAGAACCAGAGGAGTGTCTGTGTGACCTGGGGTCCAGGGAGGAGGCTGAGGCCCTCTCAG  
AGCAGCTGCAGCTTCTCCGGGCTGGGCGAGGACCCCTCCGAGGCTGGCTTCCAGGCGCCATCTCTGGACA  
GAGGTGCAGACCATGCCAGACCGGCTCGGAACCCGCTTCCACATCCCCCAAGAGGACCACCGCAAAG  
GGAGGCTGAGGAGAGCGCCCTGTGGAGAGCCATCAGTCTCAGGAATCCCCAAACTTGGAAAACCTAGCA  
AACCTTTAGGAGCAAGGTAACAGAAGAATCAGTCAGC  
>GBEQ1192 |Acc|CD466777|Ver|CD466777.1 GI:31388045|LeukoN2\_8\_B04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_B04\_A024 3', mRNA  
sequence.:Start:1:Stop:364  
GTGGGGAGGTGGGGGCATCTTCTGAACAACCTGCCTNTGTCCACCTCCCCATTACACACACCCGGCACTT  
TCATACCCTGACCTCTGACCTCACCTACAGCTGGGATGTACCTGGGGAGGTAGGGGGTCACTTCCCTGC  
TGCCCGAGCTGGAATCCAGGTGGGGGGCTGGGGGAAGAGGTTCTCTTCTCTACTCCCTTCATGATTCTT  
GACCTTCCCCCATCCCTCTTCCCATTTCTTTGATGTTATTTTGTACAGCTTTTTTAAATATTTTTTAA  
AATTATTTAAACCCCTGGGGACGGAGACTGAGGGGGGAGGGGGGAATGATAAAGGATCCAGACTCTGTAT  
GATGAAATAAAGAT  
>GBEQ1193 |Acc|CD466776|Ver|CD466776.1 GI:31388044|LeukoN2\_8\_C06.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C06\_A024 3', mRNA  
sequence.:Start:1:Stop:671  
GAAACAGCGTTTTGATTGGTAGGATTTTGTAACTGAGTCAACTACTTGATGCTTCTGAAAAGTACTCT  
CACCTTCAAAGAGACTTTTCTTAAAGACTGACTTCACACTGAGGGAACTTTAGAACATGTCAAAAATT  
GGAATCGATTATTTCCCTGTGTTCTCAGTTTCTCCCTTTTGCTAATGGCGAACCTTGGGAACAGGCTGG  
TCCTTCGCGTGGCCTGGACGGGGGCGGCCGTGCCGATGGACCTGCAGCGACTCGGAGGCGCCACGGGTGA  
CCTTGTGACTCCTTGTAGAGCTGCTCCCAACGCTGGCGCCACGGGCGGGGGAGAGGCGCACGCTCCAGGA  
CTGCCCGCCCGGCGGCTGTGTCAGGACGACGTCATTTGGTGCCGCTTATCTCTGCTGAGATGTAT  
CCGCGTGGAAGCCCCGGGACTGAGTTTTGCAGAGGCTTGCAGGATGGTTTGGTAACCTTAGGTCTGAACA  
CTATTCAATACAGAACTAATAGTTTCAAGTTGAAGTAGCCACCGATGACTTCAAATCAAACGAACCGTTGT  
AGTTCACACACGACCGTATCGTAGAGGTTTGTATTTAGCGCTTATTTTTGCATGTGATGTTGATTAGCT  
AATAAAGTGAATGTAACGTAATAATAAAGGGTTTTT  
>GBEQ1194 |Acc|CD466773|Ver|CD466773.1 GI:31388041|LeukoN2\_8\_D08.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_D08\_A024 3', mRNA  
sequence.:Start:1:Stop:306  
CATTTGGAATTTGGAGAAAGTTAAGACTTTTTTTTGGTTACTTTGTTTTTAAACAAAAATGTGAAAACATT  
CAAAGTTGAAAAGTTGCATTTGAAGTTATGATCTTTTAAATATATTCATATTCCCAAAGCTATTATACTGG  
AAGTGGTTTTTTTTTGTGTATAAAGGTTTAAATTTTACATAAGTCAGTTACTCAATGTGATTTTTAACCC  
TTAAAAAAGATAAGATGAGATGTATACACTTGTAAACAATGCCATGAAAGCATTTCCTTTTTTCCCGA  
GGAAAAGTAAATTTTTTTATCAGAATA  
>GBEQ1195 |Acc|CD466768|Ver|CD466768.1 GI:31388036|LeukoN2\_8\_H01.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H01\_A024 3', mRNA  
sequence.:Start:1:Stop:616  
CTGCTCTTAAACTGCTTCTCTGCTTTGAGAAGCACAGCTACCTGCCTTCACTGAAATATACCTCAGGCTG  
AGATTTGGGGTGGGATAGCAGGTGAGTTGATCTTCTGCAGGAAGGTGCAGCTTTCCATGTGAGCTCAACC  
ACACCCCGAGTCCATTTTAAAGGAAGTGCAGGCCAGGACTAGTGTGTTTTCGCTTTTCAGCCTTTGGGAGT  
TATTTGGCCAACAGTCTTTTGGGAAGAATAAAGCAGTCCCCAGGAATTAACAGATCAGAATGGTCACACA  
AATTAATATTTTTCTAACAATAAGCACGAAGGTAGCAGAAGCTAGTGTGATTCCAGTTGGTTCTTCTAACCC  
AAACTAATTTTTTCAAGTGTGACAAGTGAGGCAAGTATTGCAGTGGACCAAAGGCTGAAGCTTGGCCCTTCT  
AGCACTCCAAGCAAAATTTCTTCTATAAGCATTCCTTTTATTCTGCATTCCATCTGGGTCTGCCGGAA

CCTGAAATAGTAGGTTCTTCTGTACCAGCGGCTGAGGCAGTGCCCTCACCCAGGCCAGTTAAAGGAGTC  
TTGGACCCTTTCTTCTCTGGGATCCCTGCCAGCACCTTCTACAGAGATGACTG  
>GBEQ1196 |Acc|CD466767|Ver|CD466767.1 GI:31388035|LeukoN2\_8\_E08.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_E08\_A024 3', mRNA  
sequence.:Start:1:Stop:667  
AAACTACTTTCATATGGTGGTTTAAATGTTTTACATTCTTGAGTTTCTTAGACACTTAATGACAAAAA  
TTGTCTCCATCAGCCATTAATATAGGGAAGAGAACACGAGGCTGGGTATGTGGGTGAAGGATCTTTATTT  
GTAACTGGATGACACTGTGTGTAATGCTACATGTTAATAATTACCTTCATGGCTGGGCAAGATAACTAA  
TGTTTGTCTATGTAAAAAGATGGAGAGTGAAACAAAGTGTGGACTTTCAGGAAATATGAAATCTGTTC  
CAATGCTCATATTCTAATATCTAATAGAATAACATGAATACCCCTACATGAGAGTAGGAAAGGAAATTT  
TGAAAGTCAGCGAAGTCTGTTTAAACCAATTGTGTAACATAATACTGTAACAAGATAAACTTTGTGTTAG  
GAATGTATACTTAATTATTTGACTTTTTATAACTGTGCACACATAAGAATTTAATACTATATTTTTTCAA  
TATTTGTAGCTTATTTATTTAGAAATATTTCTATAATATAGGCAATTTTTTAAGAGCCATCAGCTGATATT  
TACAGTAGAAGTATTTCTATGCATAATTTTAGTGGAAACCCCTAAGGGCTTTGATTTTTTTTTATTTTA  
TCCTTTAGAAAAATTATAAAATAAAACATAAGTAACT  
>GBEQ1197 |Acc|CD466766|Ver|CD466766.1 GI:31388034|LeukoN2\_8\_C02.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C02\_A024 3', mRNA  
sequence.:Start:1:Stop:493  
GGGAACGCTTTTGACCTGCCGGCTGGCACCATGATACCTGAGCTCCTTGGGTTAATTTATAATTGATGTAA  
AGCTACAGCTTGTCTCTCATATGAATCGTATCTGTGAGTCTGGTAACTTTAAACGTGTTTAAATTAATAT  
GTTCAAGCTAAATGTCATTCCTCTCTCCCCAAACTTTACAAATTTGACCCCAATCCTCCCATTAGAAG  
TAACCTCATTCTTACACGCCATCTTCTCCAAGTATTGAAAAGGTAATTCTGTGGTGACACTTATATCTTG  
CCCTTATTATTATTTGTGCACAGCTACACAAAGACGTGCCCTTCTACACTGGAGTGTGGCTTATGCATGGC  
CCTGGGATGAGGCTGTGTCTTATCTTTCTACACTTTCCTCTCTCCCCCTTACCAACCCAAAGGCTGG  
CCCTGGGTGCTGGGAGGGACTCATTAATGTTTTTCCAACCATTTGTTTCTTCAATTGCATTAAGTTCA  
ACC  
>GBEQ1198 |Acc|CD466706|Ver|CD466706.1 GI:31387974|LeukoN2\_5\_D02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D02\_A024 3', mRNA  
sequence.:Start:1:Stop:473  
GCGCCATTACAATGGAGAAGCGTATGAGGATGACGAGCATCATCCAGGGGTGGTGTTCAGTGTGACACC  
TCTTAATGGGGCCAGTGACCAACACTCACTGCTGGCATTTTTTATGCGGTAGTGAATGAGTGAAGGACTG  
TAATCAGAATATGCTCACTACTTGCTATTGTTTTTGTGTTTAAATATTCAACTATAGTAGTGTGTTTAAAGT  
TAAATGAAGAATAAACTCAAGTATAAAAGCTCTGACTTTGCCCTGTATGTATGATGACTTCAGTGTGCAA  
GATAAGTTTAAACCCCTGTAAAAACTACTTTAAAAAGAATTTCCCTTAGCGTTTGTAGGCCATCCCTTG  
TAATTGATTTTCAAGTGTGTACGTGGAATAGCTTAGACTGAGATGCCAGGTATATGTATTGACTTCAGTGT  
ATGACCCCTTCATTGTAACTATGAAATTTAAACGTGTGTGTTAACTGGCAATC  
>GBEQ1199 |Acc|CD466704|Ver|CD466704.1 GI:31387972|LeukoN2\_5\_D01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D01\_A024 3', mRNA  
sequence.:Start:1:Stop:322  
AGGGACATCGGTCTCTGGGCACCAGAGCGCTTTGCCCTTGGCAGTGTGCCCAGCATGCGCCCTCCCTCC  
TTTTTATACGAATGTTTATATCAGTGTGCTGGGGTTTGCCGTGCTGCTGGGCTAAGTTGCTGTGGCATC  
TTTATTTCTCTCCCTGGGTCTGTGTCCCTCCCTGCGCCTGACAAAGCCAGTGCATTGTTTTTCTTTA  
TTACACAGGACAGCTAGGGAAGGAGGGAGCCAGCCCTGGGGACGCGGGTGGGAGGCAGGGGCAGGCCT  
GGGGATGGATGAAATAATGTCGGCATTATTTTTTAATTTTTT  
>GBEQ1200 |Acc|CD466699|Ver|CD466699.1 GI:31387967|LeukoN2\_5\_C02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_C02\_A024 3', mRNA  
sequence.:Start:1:Stop:689  
GAAAAGTTCTCAGTTCGAAAAGAAATCATTAATTTGGAGAAAGAAATATTTAATGAAGGAACTTGATTC  
AGCAAGACAGTTTCTCTCCAGTGAAAGGGGTCTTATGAAACCTCAAAGCATGAAAGCAACCTCCCGT  
ATATTGCACTTCTCCGGACTTTCAAATGGGAGGTGCTTCTGATGCATCTGCAGCTAAATCCCTTTTAGT  
GCAGTAGGAGAAGCAATCTCCCTTCCCGTCACCTACTGTGTCTGTTAATCCTTTAACCAGAAGTTCCC  
CTGAAACTTCTTACAGTTGGCTCCTAATCCATTACTTTTAAGTCTTACCACAGAAGTGAAGAGAAAT  
TTCTGAATCTCTTGGAAGAACCAGTTTTCTCTGAAAGTACCCACTTGAACATTGGTCATAGGTCCGTG  
GGTCATAGCATGAATATTGAATGTAAGGGATTGATAAAGAGCTAAGTGATTCAAAAACACACATATAG  
ATATTCCAAGAATAAGCTCTTCTCTGGGAAAAAGCCAAGTTTGAAGTCTGAATCCAGTATTACATAAT  
TACCCCTTCAAGTTGTTAACTTCACTAGTTTATTTAGTAATAAGCCCTTTCTAAAACCTTGGTGCAGTAACT  
GCATCCGACAAACACTGCCAAGTTGCTGAAAGCCTAAGCACTAGTTTGCAGTCCAAGCC



>GBEQ1201 |Acc|CD466618|Ver|CD466618.1 GI:31387886|LeukoN2\_7\_A05.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A05\_A024 3', mRNA  
sequence.:Start:1:Stop:679  
AGATTGAAGATTCTGAAATCCCTCGTGAATGCGAGTCAGTGAATTGTCTTTATGTGATCTTGCTGGTTCT  
AGAACGAAGCATGAAGACACAGAATGAAGGTGAAAGGTTGAGAGAGACTGGAAACATCAATACTTCTTTA  
CTGACTCTGGGAAAGTGTAATGTTTTGAAGAACAGTGAAAAGTCAAAGTTTCAACAGCATGTGCCTT  
TCCGGGAAAGTAAACTGACCCACTATTTTCAAAGTTTTTTTAAATGGTAAAGGGAAATATGTATGATTGT  
CAACATCAGCCAGTGTGTTTTGCCTATGATGAGACACTGAATGTCTTGAAGTTCTCAGCCATTGCACAA  
AAAGTTTGTGTTCCAGATACTTTAAATTCCTCTCAAGAGAAATCCTTTGGACCTGTCAAGTCTTCACAAG  
ATACATCACTAGACATTAATAATACAGATAATAAAATATTAAATGTGAAAAGAGCCACAATTCCTGGGA  
AAGTAGTCTAGAAGATCTGGTGAAGATGAAGATTTGGTTGAGGATGTGGAAGAAGCTGAAGAAAACCAA  
AATATGGAAGTGAACCTTACTGATGAACATCTAGATAAAACATTAGAGGAAGATAAGGCTTGCATTGGCT  
ACGAGAAGAGAAAAGTGTGAATTTAATAGAAGACTGAAAAGAAAAGTCTG  
>GBEQ1202 |Acc|CD466613|Ver|CD466613.1 GI:31387881|LeukoN2\_7\_B12.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:348  
CTTTGTCCCTGGTCCCTCAAGTGGTTTTCCCTTCAGTTTCAACTCAGAGGGTCCCCCAGAGAAGATGAGGCC  
ACTCCAAGAGGCGAGGACAGACAGAGCCGGCAGGATGCCCGGCCCTCAGACCCACTGGCAGTGGTGGAGC  
ATGTTGAGAGTGAAGCTTGTGTTAGAAGAGTGTGGTGTGTGTGTGTGTGTACCCGTGTACTGCTTGCAG  
GGGAGCAGCATTCTTAATGTAGCCTGACGTTTCCCTGCTGGGTGTTTGCACCATTGCTGCTCATTTTC  
ACAGTCTGCCTCTGATTAAGGTGAATCGCTATGACATTCCAAGCTCCAATAAAGACTGTTTTAAACTT  
>GBEQ1203 |Acc|CD466611|Ver|CD466611.1 GI:31387879|LeukoN2\_7\_A03.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A03\_A024 3', mRNA  
sequence.:Start:1:Stop:572  
TAGGTTGCAAGAGATTGTGTAGATTATCACTAAATTTTAACTCCCTTCACTTAATATGCTTAAACTGTGCG  
CCTTAACATATGCTAAGCATTTAGAATAAAAGCCAAATGTAACCTACTGCTGCCTTTTTGAAACCCCCCAT  
GCAGTTTTGTATTAACTGAAATGTTTCAGCAGCCAGAGCAGTATTATGGGAGATACTGAGCTATAGCATA  
GCTGCTTAGTTGCATTTGAGATTTTTTAGTCATTGTGTAATGGAACTTTTTTTTTTTTAAAGTTACTGG  
TATCACTTTTTGAGAAATGAATCCCTATATATTTAATGTAAAAATTTTTATAGGAATAGGACAAACTTTT  
TGACTCCCTTTTTTCACTTTTATGATTAAAGTGGGATAATACCTAATTTGGGCATTTTACTTTTAGCATTAT  
GTAACCGTGCTACTTTGGCATGGTCATAGAATGTTTCCCTGGTAATTTGTTCCATGTCTGACTCCTCCC  
TGCAAAACAAATGGCAGTGACACTTAACCTGATTTTTTTCTTCTTTTGTATTTAGGTCTATTCTATTTTA  
ATTAAATATGTT  
>GBEQ1204 |Acc|CD466606|Ver|CD466606.1 GI:31387874|LeukoN2\_7\_D09.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D09\_A024 3', mRNA  
sequence.:Start:1:Stop:636  
TCAACCCAACTAATCTCTAATCTCATACTGGACTATTCTATCAACACATAGAAGCAATAATGTTAATAT  
GAGTAACAAGAATTATTTCTCCTTGCATAAGCTTATATCAGAACGAATACTCACTGATAGTTAACAACAA  
GATAGGGATAATCCAAAACTAATCATCTATTTAAACCATTGTTAACCCAAACACAGGCATGCATCTATAA  
GGAAAGATTAAAGAAGTAAAGGAACCTCGGCAACACAAACCCCGCTGTTTACCAAAAAACATCACCTC  
TAGCATTTCCAGTATTAGAGGCACTGCCTGCCAGTGACATCTGTTTAAACGGCCGCGGTATCCTAACCG  
TGCAAAGGTAGCATAATCACTTGTTCCCTAAATAGGGACTTGTAATGAGCCACACGAGGGTTTTACTG  
TCTCTTACTTTCCAATCAGTGAAATGACCTTCCCGTGAAGAGGCGGGAATGACTAAATAAGACGAGAAGAC  
CCTATGGAGCTTTAATTAAGTATTACAAAAACAACACACAAACCTAACCTTCAGGGACAAACAACT  
TTTGATTGAATCAGCAATTTTCGGTTGGGGTGACCTCGGAGAACAAACAAACCTCCGAGTGATTTAAATCC  
AGACTT  
>GBEQ1205 |Acc|CD466603|Ver|CD466603.1 GI:31387871|LeukoN2\_7\_B03.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B03\_A024 3', mRNA  
sequence.:Start:1:Stop:664  
GGAATATATCGAGTTAGTGGCAATCTGGCAACAATACAGAAGTTAAGGTTTATTGTCAACCAAGAAGAGA  
AGCTGAATTTGGACGACAGCCAGTGGGAGGACATCCACGTTGTACCCGAGGACTGAAGATGTTTTTCCG  
GGAGCTGCCAGAGCCGCTCTTCCCTTACAGCTTCTTTGAGCGGTTTGTGGAAGCCATCAAAAAGCAAGAC  
TACAACACAAGAATTGAAACTATAAAGTCTCTTGTACAAAACTCCCTCCACCAATCGTGACACCATGA  
AAGTCTCTTTTGGACACCTAAGATAGTGGCCAAAGCCTCCAAGAACCTCATGTCCACCCAGAGCTT  
AGGGATCGTGTGTTGGCCCCCCTTCTGCGCGCTGAAAATGAAACAGGGAACATGGCGATACATATGGTG  
TACCAAAACAGATAGCCGAGCTCATGCTGAGCGAGTACAGTAAGATCTTCGGCTCGGAGGAAGACTGAC  
AGACAAGACAAGTTACTGAATATGTTACATCTGTCTCGATGCCTAATATTTTTACATTTCTGTAAACAT

ATTTCTGAAATATTTTTTTTCTTTCAAGCGACAGATGCCTCGTTTGTGAAAACCTTAATGATGATTG  
GTGTTTAAGTTCCAAACATTGAATAAAATAGTG  
>GBEQ1206 |Acc|CD466600|Ver|CD466600.1 GI:31387868|LeukoN2\_7\_H02.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H02\_A024 3', mRNA  
sequence.:Start:1:Stop:663  
ATCAGAATGGAATATAAGCGGCTGTATGGCAAGTCATTGTACCACGACATCTCGGGAGACACTTCAGGGG  
ATTACCGGAAGATTTTGTCTGAAGATCTGTGGTGGCAACGACTGAGCGGTGACTGGTGGTTCACTTCTGTC  
CACCTGCTGGCAAGGGCAGTGCCGGGAAAAGGCCAAAGGAATGTCCATCTGTTTCTAACAAATCCTCAAA  
ATAGCCCTCAGGTGTTCCACTGCAGACTGTCCGCAGAGCCCTGGCCCTGTCCTCCTCGTGCTCCTCCTG  
TTCCGTATAACGTGCTTGATCTCCAGCTCCCGCAGGATCTCTTCTCCTCACCCCTCACAGCCTCTTGCT  
TTCTCTCTTCTCAAGTAGACGTTTGTTCCTGACTCACGCAATCATCTCCTTTGCTGTGGCTGAGAC  
TCTTGGCTTTGTTTATGTCATGTAGTTTTATATGTTTATTTGGAGGCATTTTTTTTTTATAGTCATTGC  
CAGACAGATGCATACAAGACTCTTTCCTGCATACATATTTTGTAGTGAGAGAGGTGCGGTGGGGGACACC  
ATGTCCTCACTGAGGAGTAAAGGGAGCACCTTTTAAAGGTAATCTTTGCATCTGGTGAGAATGTGTTAT  
GAGCTTGTATTGCGCAAACTCACTCCTTTTGT  
>GBEQ1207 |Acc|CD466592|Ver|CD466592.1 GI:31387860|LeukoN2\_7\_E05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E05\_A024 3', mRNA  
sequence.:Start:1:Stop:592  
TTTTCCGACTGGAACCATGGAGGGCGCGAGGAGAAGAAGAAGAAGCTCCCTGATGTACCAGAAACC  
CTTAAGAAAAAGCGAAGGAATTTGCGAGAGCTGAAGATCAAGCGCCTGAGAAAGAAGTTTGCCCAAAAGA  
TGCTTCGAAAGGCAAGGAGGAAGCTCATCTATGAAAAGCTAAGCACTATCACAAGGAGTGTAGGCAGAT  
GTACAGAAGTGAATCCGAATGGCAAGGATGGCAAGAAAAGCTGGCAACTTTTATGTACCTGCGGAACCC  
AAATTGGCGTTTGTGTCATCAGGATCAGAGATAAATCATTTGATTGCTCGATCTCTGGGTAAATTTGGCATCA  
TTTGATGGAGGATTTGATTTCATGAGATCTATACTGTTGGGAAACGTTTCAAAGAAGCGAACAACCTCCT  
GTGGCCCTTCAAACCTGTTTTTCCACGAGGGGGAATGAAGAAGAAGACCACCCACTTTGTAGAGGTGGA  
GATGCTGGCAACAGGGAAGACCAGATCAACAGGCTTATTAGGAGGATGAACCTAAGGTATCTACCATGATT  
ATTTTGTAACTCTGGTCACTAAATAAACAGTG  
>GBEQ1208 |Acc|CD466590|Ver|CD466590.1 GI:31387858|LeukoN2\_7\_D01.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D01\_A024 3', mRNA  
sequence.:Start:1:Stop:387  
AGTTGAAGGAGTTTCATGCCGCCAGGCTCCAAGAACTGATCCCTTTTGTGAAGCCTGCCCCCATTGACCA  
GGAGCCATCAAAGAAGCAGAAGAAGCAGCATGAGGGCAGCAAAAAGAAAGGGGAGCAAGAGATGTCCCC  
CTGGAAAGCCGGCTGCGAACATGGAAGTCGCGGATTCCTGAACATTCCTTCCTTCCAGTTCCGCAAGGCT  
TTCATGTTTGTGCTGAGATTTGCGAGCCTGCCCCAGGGTCCACCCATTAGTCACCTGCCCCATTTGAC  
TGCAATTGCTAGAAGGAAACCGCGCCATGTACAAACGCAAGTGTCTGTTTTTTCGATGGGCATAGGATC  
CAATCACGGATGACTGATGAAACCATGTAATAAAGCA  
>GBEQ1209 |Acc|CD466589|Ver|CD466589.1 GI:31387857|LeukoN2\_7\_A08.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A08\_A024 3', mRNA  
sequence.:Start:1:Stop:645  
TTACAAAAAGAAGTTCTGAGTTGTGCTTCAAAAGTGATACCACTTTTGTAGTATAATTTTGTGGGGTTTT  
TTTTTCCACTTTTTAGAGGTTTTTTTAAAGGCCCTGCTCAGTCAGTGTACAGGGTGAGTCCAAGGCAGTT  
TCACCAAGCTGTAGTAATTGCTGTTTTACTAGTTGCACATTTAGAAATACAAAGGAGGCATCAGAAACACA  
TCTGCTTTCTCTAAAGCCACTTCCTTGTACAGAGTCTGAGCAGGGACAGCACCAGGCATCTCCTGTAAA  
GGCACCTGCCAGCGAGGATTTTACCGGAAGAACCAGACAAGAAAGGAAACCTCGGTACAGCACAGTCTT  
TGAGGGTGAGCCTGGGCTTGGGCTCTTCGTACAGGGTGTGCTTAGGCCACACATGATGCTTGCCTTACTT  
TAAAGCTATTTGCCACAGTCCTGTAAATAGTGTGGAAGTCCTTTTGCAGTCTGGTGTGCATGCCATATG  
ATCAGGACAGCTTTTCCACTTACCTGGTTTCCACCAGCAAGTAGGAAGTATAGTAATTTACCCATAA  
ATGTCCAATCTGTATTTATGTACCTTGTGCTGTTTGTGTTGGTTTTCTAAACAATCTGATCAATAA  
ATCTTATCCAGATCT  
>GBEQ1210 |Acc|CD466585|Ver|CD466585.1 GI:31387853|LeukoN2\_7\_F10.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:621  
GAACCTTGTGGTAGCAGCCAGAATTTTTTCTGTGCTGGCTGTGGAACCTCAATAGACCCTAAGTTTGTG  
AAGCGGCTCCGGTACTGTGAATACCTGGGGAAGTATTTCTGTGACTGCTGCCACTCATATGAGGAGTCTCT  
GCATCCCTGCCCGGATCCTGACCATGTGGGACTTCAGGAAGTACTACGTACAGCAATTTCTCCAAACGGCT  
GCTGGACAGCATATGGCACCAACCCATTTTCAATTTGCTGAACGTACGCCACAGCCTGTACGCCAAGGTC  
AAGGAACCTGGACAGAGTGCGGGTGAGCAGCTGACCCTGTGGGGGAAGCCAGTCAAGTGGCGGAAAGGGTC

CTGTGGCAGCAAGTGCACATCACACCCGTCCTCAGGATGGGACAGACCCTCTGACGGGAAGATTCACCTGT  
GCTCCGCTGCAGGCGGCCAGTGTTCGTTGGTTCGAATCCTGGGCGTGGACATGGCACTGCTCATCAAA  
CCATGCTGAGGCGAGCTCCCATATGCCGCACTAGAAGGACCCACAATGAAGAATATACAACCTATGTCCC  
GGGGGGCTTTGGGGAGAAAAAGGAAAAAATAAAATCTTTAAAAAAAAGAGAATCCCTTT  
>GBEQ1211 |Acc|CD466577|Ver|CD466577.1 GI:31387845|LeukoN2\_7\_H07.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H07\_A024 3', mRNA  
sequence.:Start:1:Stop:666  
ACTAATAAAAAACATGTGGATTTTGAAAATACATAGAACAGTAGTTGAAACATTATATATTTCAACCCTA  
ACTGGTGTATTGCTTATTTTACTATCAGAAGATTCAAATATAGGCGTTTATTTTTTTAACCACAAAAG  
TATCTGGAACCTTTTATAATTCTTAATTAATTTCTGGAATGCAAGTATATATAAAAAGATTATAAAAAATAA  
TGTGTAAAAATTTTCATCACTGTAAAAAGGGATCATTTTCAGAGAGAATAGTATTCTACTGCATGTTTAAAAA  
ATGCTCTAGAATAATTTGAAATAATACACCATACTGTATGTGAGTCATAGAAAGGCATTAAATTTTAAAC  
TTCTAGTGTCTTTTCTAACAGAGTAACCAAGTTTTCAAAATATATTACAAAAGATGTCTTTACTTTATTG  
TTTGAAAATGATTAAAGGAGATAGGTGCTTTAAGTAACAAGTTAATTTTCAAATATTACCTTATAGAA  
AATTTTAATCAAAAAGAAGCAAGACATTTCTTTTAAAAATATATAGCAAATCCCAAAGGCTGATGTCTGTA  
TATGGGGCGAAAGGGTCAGTATGGTATATTTTCAATGTTTTTCTCTTTTACCAGCTACTTTGCATTTA  
AAGTGAATAATTGTAATGTTTGAATAAATCTTTCT  
>GBEQ1212 |Acc|CD466576|Ver|CD466576.1 GI:31387844|LeukoN2\_7\_A04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A04\_A024 3', mRNA  
sequence.:Start:1:Stop:664  
TCCGCTGTGAGCATGACGGTGTCTGACTGGAGCCAAACGGCGAAGTGTCTTTCATCAACATCAAGACCTT  
CAACGAGTGGGATTCCAGGCACGTGTAACGGCGTTGACTGGCGTCAGAAGCTGGACTCTCAGAGGGGGGCT  
GTCATCGCCACCGAGCTCAAGAACAACAGCTACAAGTTGGCCCGGTGGACCTGCTGTGCTTTGCTGGCCG  
GCTCTGAGTACCTCAAGCTTGTTACGTCTCCCGGTACCACGTGAAAGACTCCTCGCGCCACGTCATCCT  
GGGCACCCAGCAGTTCAAGCCCAATGAGTTTGCCAGCCAGATCAACCTGAGCGTGGAGAACGCTGGGGC  
ATCCTCCGCTGCTCATCGCATCTGCATGAAGCTGGAGGAGGGCAAGTACCTCATCCTCAAGGACCCCA  
ACAAGCAGGTTCATCCGAGTCTACAGCCTGCCGACGGCACTTTTCAGCTCCGATGAGGACGATGAGGATGA  
AGAGGAGGAGGAGGAGGAGGAAGAAGAGGAAGAAGCTTAAACCAGACGGCGAGGGAGCTGGAGTGTATAA  
TCCCATCAAGCCTGGAAAGGCCTTGCTGTCCAGTGGAAATGTTTGTCTGATTCTTGCTCTCTGAAGTTTG  
GCAGCTGGAATAAAGTATAATTCTGTTTGTCTC  
>GBEQ1213 |Acc|CD466564|Ver|CD466564.1 GI:31387832|LeukoN2\_7\_D06.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D06\_A024 3', mRNA  
sequence.:Start:1:Stop:600  
GAATCAGGAGATCCTTTTGGCCTGCCAGTACCCAGACCACATGTGCAGAGATTGGATGGCCTCCGTCCTT  
CTATAGAGGGCAAGGCAACTGGGAGAAGGAGAAGCTGCTGGTAGGGAGAGCAAGAGAATGGCCTGGAACG  
GTGCGAATTTTACCCCTGCCCCAGCCATGGCTTTGCAGCACAGAAAGCGCATCTCTGGCACACTGAGAT  
TCTTGCTATATTAATGCATCAGTTATTCATTTCATGATTGCCTGCAGAGGCCCTGTGTTAAGACCCATGT  
AAGATATCAGGTCAAAAAAAGAAAAAGAGATGAATAGGCCCTTGACCCAGTAGAGGTGCTCAGAGTGTA  
ATCAGGCAGAGATTGGATGGCCTCCGTCCTTCTATAGAGGGCAAGGCAACTGGGAGAAGGAGAAGCTGCT  
GGTAGGGAGAGCAAGAGAATGGCCTGGAACGGTGCGAACCTTTCACCTGTCCCCAGCCATGGCTTTGCAG  
CACAGAAAGCGCATCTCTGGCACACTGAGACTCTTGCTATATTAATGCATCAGTTATTCATTTCATGATT  
GCCTGCAGAGGGCTGTGTTAAGACCCATGTAAGATATCA  
>GBEQ1214 |Acc|CD466561|Ver|CD466561.1 GI:31387829|LeukoN2\_7\_F08.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F08\_A024 3', mRNA  
sequence.:Start:1:Stop:600  
GCCACCCCGCCCAAGCTCCACACGTGTGAGAAGTGCGGTACCAGCATTTGCGAACCAGGCCGTGCGCATCC  
AGGAGGGACGGTATCGCCACCCGGGCTGCTACACCTGTGCAGACTGCGGGCTGAACCTCAAGATGCGCGG  
GCACTTCTGGGTGGGGGACGAGCTGTACTGCGAGAAGCATGCCCGCCAGCGCTTCTCTGCAGCGCCCCCG  
CTCCACTCCCAGGCCCTGAGTGCCTGCAGTGTCTCAGCCCGCCCTCAGCTCCGCGGGTACCTCCGTGCCA  
GGCCCATGACAGTAACAAGTGGGATGGCAATGGTGGGTGGTGGGCCCTTCTTCTTCTGCTGGGT  
GCGGCCAGAGGCTGGGACCTGTCTTGGGCTGTGGGCGAGGGCAGCTCCCTTCCCAGGCCCTGTCTGCTTTG  
CCCTGTGCGACGGGCTCTGCACCAAAGTTGGAGGTGGGCGCTGCACTGGACATGTTTGCACAGCAGGGG  
TTAGATGGGGGAGGACATGGATAAGCACCTAGAAGGGGAGGGGTGGGCTGGAGGCGAACGGTATTCACTG  
TGTCAGTTTCTGACATATGCGCTCTATAAATATCTATAC  
>GBEQ1215 |Acc|CD466558|Ver|CD466558.1 GI:31387826|LeukoN2\_7\_E04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E04\_A024 3', mRNA  
sequence.:Start:1:Stop:595

CCGGAACATATGACAGGCATGTTGTATAAATGTACAGGTGGTCTTCGAGGCGTAGCACGAGGTGGTCTAAC  
AGGACTAACACTTACCAGCCTCTATGCTCTATATAACAACCTGGGAGCACATGAAAGGCTCCTTGCTCCAA  
CAGTCACTCTGAAAATTTTGCCAGCTTGTAATGGAGGACACTTAGTAGTTATCCAGATCAATTTATAA  
GTCAGTCTGGAGTTATCTCTCTTCTGCCTACAATTAGTTTGAAAAATTGGGGATTCCAGTTTGCTGTGA  
TGAAGACCACGGATGTTTGACCAGGACTGGCACGCCTTCCAGCCATTAATGAGTTGAAGCCAAAACCCCTT  
TGGTGGCTGAGTAATGTGGTCTCTCTCTTGAAGAAGATCTGCACCTGTTCTCTCTACCCCTGA  
ACTGGACAGCCACTTACTCCCAGAGTTTCTGTCATCCATACTGTAATACCATGTTTGTTC  
TTTAATGACTCAAAAGTATAATATTGCCCTGTATTCCCAATAAAGGGTGAAAACAGAACCAAGTCATAA  
CTCCAACATAAACAAAGTGGGCATCTCCATTAATA  
>GBEQ1216 |Acc|CD466557|Ver|CD466557.1 GI:31387825|LeukoN2\_7\_F06.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F06\_A024 3', mRNA  
sequence.:Start:1:Stop:630  
ATCATATTTCTAAACAAAAAGAAGACATTTGCAGATGCATACAAGACTTTTTCAAGAAACACATACAGTA  
TAAGTCTTTAGATGAAGACTTTTGTATTCGATATATACAGAGACAGTAGGGGAAGGTGTGGCTAATCGAT  
TTTAATCCATTTGGTGAAGTAACAGACTCACTGTTGTTCACTTGGGAAGAACTGATATCTGGAAGAAACC  
TAAAGGTTGATTTAGCGAAGGAGACGCTCTGGAGCAGGATTCTCCAGCTTTCCGTTGCACGAACAGTGA  
AGTGACAGTTTCAAGCCAGCCCTATCTGAGCTACCGACTGCCAAGGACTTTGTGGATCTCTCCACCGGG  
GAGGATGCTCACAAAGCTCATAGATTTCCTTAAACTGAAAAGAAATCAGCAAGAGGATGAATGACTGGAGT  
GCCAGAGTTCAAGACCGAGTTCGCGGAGGAGCCCGCTCCTGCAGGAGGCCCTTCATAGTCCCCAGCTT  
CCTCTTGACCCCGTGGATGCGGGTGGGCGGGCTCTGTGCAATCAGTAGCTTTTTATATTTCATGTATA  
TTAAGCTGGAAAAAATGGAAGGACTTTGCTACTTGTAAAAATAACGTAATAAATAGATCTTAAACACA  
>GBEQ1217 |Acc|CD466465|Ver|CD466465.1 GI:31387733|LeukoN2\_4\_D12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D12\_A024 3', mRNA  
sequence.:Start:1:Stop:706  
ATCAAATACTGAAAGTTTTGGGGACTTCAGTTAGATCATCTTCAAAACAGAGGAAATTTATACCTATACCC  
TTCCTGCCTCAACAAATTTTGTGCCAACCAATGAGATCATTTTAGTAAATGCTTCTTAAAGTTGAGCC  
TCAAGAAGAAGGCAAGCATGAAATATTAAGTTATTATTTATATATATATATATATTTATAAGTATAT  
TGTTAAGATAATTATATATTATTTATGGCAGTCTTGTAACTCTCTGAGTGTGACCAGGCATTATCAA  
TCGCAGTAGACAGTGTTCAGGCTGAGTGAGTTTGAAGTACGCTAAGGCACTTTGGTCCCAGTT  
GTACTTTTCCATTGCCATGAAGCTCTGTATTCTAGTACCTGAGAGCCCAGTAATTATGATAGTAAATTTA  
CATTAATTACGTTGTTTGTGTTGAGCTGATAATTGGTCAAAATCTTCACTCCTCTGCCTATAAACTTGCC  
ATGGCATTCTTGTGTCATTCAATTTCACTGCTATCAAATACTACTAGCTAAATGGAATGAACCTTAAC  
TTGGCAACCATGGGACAACCTGCTATCTAAACTTTCTTTCTGGAACATAAGCAATGTTCTCTTAGATTC  
TAAAGTTGTGATCAAACCATAGTGTTACAATACTATCAACAATAACATTATCAATCATAATTGAATAAA  
ACTTAC  
>GBEQ1218 |Acc|CD466464|Ver|CD466464.1 GI:31387732|LeukoN2\_4\_A06.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A06\_A024 3', mRNA  
sequence.:Start:1:Stop:552  
GGTGAGGCTCACTGTAGGTGACTATGGAGGCCACATCCCCACTTGGTACCTTCAAAGTTGATTGTCAGAG  
CCATAGGTCTGGCACTTCATTGGGTTGAGTGTGAGGGCGATGTGGTCCAGAGAGTGAATTCACAGGGAC  
TGCATCATACAGGATGTGAAGGGATTAGAGACCAAACGCTTCACTAACAATGGGCACATGAGTACTCACT  
CTGTCAATGTGATGCATGATTAGGAGCCAGAACCAATCCTCCTACTTTGAAGTTCTCTACAAGCCTAAA  
TTAACACCTAAAGATTGTCTATGGAATAACAATTTGGGAGGACAGAAGCTAGATGAACCTTAAGTGGTATT  
TTTATTACACTGTAGACTCCATCTCCAGGAAAGGGATATTTCGGCCCATGATCATGCATTGATGTCAAT  
GGATGTTCTTTGTACTGATGGATACTGGGGAAAGGCTACTCTTCATTATCATCACTGTTATTGTTTACC  
ACGGTATCCACTTACTCAGCATGTGGTTGTCAAGTTACATTTCTCAAATAAAATTTATTAAT  
>GBEQ1219 |Acc|CD466462|Ver|CD466462.1 GI:31387730|LeukoN2\_4\_G10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:575  
ATTTGACTACAGCAGTCATAACAACAAAGATGTTTCGAAAACGCGGCGAGGTACTCAAAGATCTGGTCAA  
AGTCATTCAACAGGAGTCTTACACATATAAAGACCCAAATTACAGAGTTTGTGAAATGCTTATACGTTAAC  
TTTGACTTTGATGGGGCTCAGAAAAGCTGAGGGAATGTGAATCAGTGCTTGTGAATGACTTCTTCTTGG  
TGGCTTGTCTTGAGGATTTTATTGAAAACGCGCTCTCTCATATTTGAGACTTCTGTGCGCATCCACCA  
GTGATTAGCATTAACATTTGGCGAGACAACTGAACATGACTCCAGAAGAAGCTGGAAGGTGGATTGTA  
AATTTGATTAGAAATGCAAGACTGGATGCCAAGATTGATTCTAAATTAGGTCATGTGGTTATGGGTAAACA  
ATGCAGTATCACCTATCAGCAAGTGATTGAAAAGACCAAAAGCCTTTTCAATTTAGAAGCCAGATGTTGGC  
CATGAATATTGAGAAGAACTTAACCAGAACAGTAGGTCTGAGGCTCCTAACTGGGCAACTCAGGACTCC

GCGCTTTTACTGTAAGA  
 >GBEQ1220 |Acc|CD466461|Ver|CD466461.1 GI:31387729|LeukoN2\_4\_A12.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A12\_A024 3', mRNA  
 sequence.:Start:1:Stop:688  
 AAAAAAAAAAGTAAACCTGGCAGCTATAGAATACACTATGTGCATTTATAATAGCTATTTTATATATTGT  
 AGTGTCAACATTTTTTAAATTAATGTTTTACATTCAATGTGGTGGGAGTCTTGTCTATTAAGGTGTGTG  
 TAATTTAGAGTCCAGTTTTTTCTCTCTAAGTACAGTGGCCTTGTTCATAGTAGTAAAAATGCTTTGCGCA  
 TTGTACCTTGCATTAAGTCCCTCATACCATAGTTAGCTAACCCCTAGCTGATAATGCAGACATAAC  
 GGGGGATTTTATTTATAAGGGCTCTAGAATATAATACAAGTTATTTACACCAGCATCATCTGTTACTAAT  
 ATTCTGGATTAGTTAGTACAGCTTTTCTTTGTGTTGTGATTGGTCTCATAACTAGGTTAGGTTTTGTCT  
 ACCGAGAGGAGACGATACGTAAGTCTTTCTTTCTTGTGGAGTTTGTATTATAGTAACCCCTGGAGTGAAC  
 TGCTGTGGGGAGGGGACAGTACAGTCCAGGTTACTGAACTTCAGTTGAGATGGGTGGAGTTAGGTTA  
 CATCTGGTAAGCAGTCTGGGAGAACCACATTATAGAGATGGCCTTCTAAGTGGTTTTAAAATTTATCCT  
 ATTGAAGTTTTTAGGTCAATTATGTATGTTGACTAAATTTGCAAATAAACTTTTTTCC  
 >GBEQ1221 |Acc|CD466460|Ver|CD466460.1 GI:31387728|LeukoN2\_4\_A07.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A07\_A024 3', mRNA  
 sequence.:Start:1:Stop:626  
 GCCAAAGAGATGCATGAAAGGGAAGCGACAAAGGGAAGAAGAGATTGAAGCTCAAGAAAAAGCCAAACGGG  
 AAAGGGAGTGGCAGAAAAAATTTGAGGAAGTTCGAGATGGTTCGTGGTTACGGGCAGGAAGGCAGACTG  
 TGAAAAAGGAACGATGGCTCCCATCTTCTCAAGAACACTTCCATCCAGCTTGAAGTGCAGACT  
 GCGCAGGTTCTCAAGACACCGGCGGTTTCTGCTTCAGACACCGCTCAGCCGCTTAAGCCCGTTCCCGT  
 AGATGCGACGATGATGCCCGCACTCGTCTTCTCTTGGAGATTTGAATCACTTTCCAGATCTCTTGCTG  
 AAATCGAAATCAAGATTGAGAACGCTTTTCAGGCATTAATAAACTTCTGCCTCGTAACCTTTTGAGACAT  
 TTCAAGGGAGCAACCTCTGGTTTCAGAGTTCTACGTTTTTGGGGACAATGACTTTTTGTGCTGATTTGTG  
 TGGGTGTGGCTTTCTGCTCTTTGCGTTTCAGCCAGCCCTCCTTTCTCCTTAGGTTGTAAATATCCAGGGA  
 GTCAGGTTATGTTCCCGCATGCTGGAGAGTTTTGCGGGTTATTGATCTTCTCCCGCTAATAAT  
 >GBEQ1222 |Acc|CD466459|Ver|CD466459.1 GI:31387727|LeukoN2\_4\_B09.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B09\_A024 3', mRNA  
 sequence.:Start:1:Stop:690  
 TTCAGAATGCATTTTTTGAACCTGTGTAGTTAAACCCAGCCCTTAATATTTTTTGTCAAACAGTTTGATG  
 TAAATCTTTTTTGGATAGCACCACTATGCATTAGGTTTTTTAAACAGGATTCCATGCCAATCTGGAATAC  
 TTAGCAAATCTTTAATGCGAAGAGGTTTTCTGACCTGTTTCAGGGACCACATGAGGTCGTGGCCGGTTG  
 ACGCTTCCGCTTCAGAGGCCAAGAGGTCCTAAGTCTTGTCCAGCGTCACTTGGCCCTTCCGCAAGG  
 GTTGTGCTTCTCTATTTGACGCTGTCGTCTAGGAAAACCTGGAATCAGAGGTGGAATGCTGCACCCCTTG  
 GAAGTCTGCACTTCCCCTTCCCGTGCCGTTGACTTTCAGAACTTAGGACTTCAGGTTTGGGACCTTTGTG  
 CACTGGCCTTTTAGAGTTGAAGTTCGCTGCGTCCCAACCATCCCTGAAATCTCATCTAGAAACAATCTTAC  
 TTGAAAAGGTACTTTTTTAACGCTCAGTTTTTGACTATTTTTAAATAGTTTGTCTGATAGAAAACCTCTGAT  
 AACACTTGTACATATCATGTTTTAATTGCTTGTACAGTTAACCTTTAATTTTATTTAGTAAAGTGTATC  
 AAATTAGGACTTTTTGAAATGTAAATATGTGGTTTTATTAAATAAAGGTCAAGTAAATTT  
 >GBEQ1223 |Acc|CD466455|Ver|CD466455.1 GI:31387723|LeukoN2\_4\_A05.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_A05\_A024 3', mRNA  
 sequence.:Start:1:Stop:586  
 TTCAATTGCAAATCAGCTGCGTACCCAAATAGCCACACTCACTACTTCAGCTGTACCATGCTGTACCTT  
 TTGTCAGAGGCCAATACTGAAGCTATCCAAGACAGATTACAAGGGTCTCTTGGAACGGTTGATTTGTA  
 ATAGGCCACATCCTTGGGGTCTTCTATTACCTTACATTAGAGCTGATTAAAAATCCAGCGTTTAAGTCTG  
 GAACCACGAGTTTGTACATTGTGCCCCAGAAATTGAAAAGTTATTCCAATCGGTCGCACAATGCTGCATG  
 GGACAGAAGCAGGCTCAGCAAGTAATGGAAGGGACAGGTGCCAGTTAGATGGAACATGCATCTCTGTTGTA  
 AATGTGTCAGCCTGGAGGTCCTACCAAGCCAGGTTATAAATCGGCTGAAGAAATCCTTTCAGCTCTTCCC  
 GACTTTCCCGCCCTTTGGTTCTCGGGTATCTGCCCCAATTACTGTTTGGGTCAGCTTCTGCTATGTG  
 GGCACGTTCCAAAGTTTAAATGCATTTTTTGTACTCTTGGCCAAAATTTAGAAGATGCTGTGAATATCATT  
 TTGAACCTTGTTAAATATAGAGAGAG  
 >GBEQ1224 |Acc|CD466454|Ver|CD466454.1 GI:31387722|LeukoN2\_4\_B07.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B07\_A024 3', mRNA  
 sequence.:Start:1:Stop:638  
 GCAGATGCTGAGAAGCAGAACTTGGAGAGAGTACAGGCAGGAGGACCAGAGGGGAAAGAGAACTGAGGA  
 CCTTTTGTTCACAGCAGAAACGCTTGACGGCAGTGGTGTCTACTGCTGTTTAACATCTGCGAGCTGTTTC  
 CACATCTGAGCTCGCTCCAAAGCAAGGTCGCTGTGGAGGCAAACTGTGTGGATGCATCTCAAAAAA

CCTCACAGGCTACAAACTTGATCTTTTCCTTTGATCTGGTGGCTAAACAAGCATTTCCATGTTTGAGAGG  
 CTTCCCTTTTAAATGCTTTGTCTGAAGCAAACCTCTCAAAATTCAGATTTTCTAAAGTGGGGCTACATTTG  
 AAGAACTTGGTGTAGAGCAATTGAAAAAATGTCCTGGTGGATGGACAGACATTTGATGCTGACATTGAAAG  
 GAACGGCATTTCTATACAAGGATAGCAGGTGTTTGTCAACTCAAGTATCAAAGATACTATGGTCAAGAC  
 TTTAAATGTGGTTCAGTATTCATTAATATCATGGCTCTAAACACACTCCTTTTCTTGTCAAAGAAAATG  
 TTATATATAATGGTAGCTATCTGGTAACACCTAAGAAGGGACAGGAGGAATCTGTACTCATAAAATGTTA  
 TATTCCAT

>GBEQ1225 |Acc|CD466450|Ver|CD466450.1 GI:31387718|LeukoN2\_4\_C08.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_C08\_A024 3', mRNA  
 sequence.:Start:1:Stop:586

CGACAGAGATGCCCACCAATATCCATAATTAGAAGCTAGAATGAACAGCTCCGTGTAGAGCTTCCGTCT  
 CAGCCAGCCTTTCTTTCCAGTGGGCTCAGACCCCTCCCACTGCCTGCTGCTTCTTACACCCCTGCGGAA  
 GCTTCTCGCAACTTTGTGGTGGATTATTACGAGACCAGCAGCCTCTGCTCCAGCCAGCCGTGGTATTC  
 CAAACCAAAAAGGGCAGACAAGTCTGCGCCAACCCAGTGATGACTGGGTCCAGGAGTACATGGATGACC  
 TGAAGTCAACTGAGCCGCCCCAGGTGCAGGGCAGGAGTCTCCAGGAAGTACCTGAGCCCCGACACT  
 TCTCAGAGAGACACACGCCCTCAGTGTCTCAGCACTTTTCTCAGTAGTCTCTCTTAAGTGAAGTCTTTATTA  
 TGTGCTGTGTATATGATTTTGGTGTATTTCCATTATTTATGTTTGCTTTGCCAAAGGACACATGTCCCC  
 CATGGGGATGGTTCACCATCACTGTTTCTGTACTATTGCAGATACATGGATAATGCAGTTGATTCCATGT  
 GTTTTCATAATAAACTTTAAAAAAA

>GBEQ1226 |Acc|CD466442|Ver|CD466442.1 GI:31387710|LeukoN2\_4\_G06.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G06\_A024 3', mRNA  
 sequence.:Start:1:Stop:646

GCTCAATCCAGACTCTAAATTGGGAGAGCCAGTTTCCGAGAGTGTGGTGAAGAGGGAGAAGCTAGAAGAT  
 AAGGACGGGCTAAAAGAAAAAGTTTGACTGAAAGTTCAAGTGATGACCTTCGCAACATGACTTGGAGAG  
 GGGCAGACATCTACGGGGCAGTCCATCATATACTCAAGCAAGCTTGGGGCTTCTGACGCCTGTGTCCGG  
 CACCCAAGAGCAGACAAAGACCCCTGAGGGATAGCCCCAATGTAGAAGCTGCCCATCTGGCACGACCTATT  
 TATGGCTTGGCTGTGGAGACCAAGGGATTCTCTGAGGGGGTCCAGCTGGCGGAGAGAAGTCCGGGGCCC  
 TCACCCAGCAGTATCCTGTCATCGGGAGAAAAACAAGTCTAAGGATGAATCGCAGTCTCTGTTACGGTTCCT  
 CCACGTTAGCTGCTGAGGTAGGAAATCTTCAGCCGGGGACCGCTTAACCGTGTCTACAAATGAACAGTC  
 AAATTCCTAACCATGGCATTGTGATCCTGAAAGACTATCCTCTACTGAATTTTGAGAGCTTACAAAT  
 AAAAAAATCTACGTCTATAAGATAAAATACTAAATATATACCTATATTAAAGAGTCTTGGGTCTTCTGT  
 GATTTTAGTAAATTT

>GBEQ1227 |Acc|CD466440|Ver|CD466440.1 GI:31387708|LeukoN2\_4\_C04.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_C04\_A024 3', mRNA  
 sequence.:Start:1:Stop:540

CAGCATAGATGGGACAAGATGGGCTAGATGCCCCAGTGCCACCCCTCCCAAGCATGAGACGGGAC  
 AAGATGTGGAGAGACTCTCCCCACTGTGGTGGACCCAGCTTCCCCTCTCGCTGAGGCTGCCCATCTG  
 TCAGACTCACTCTGTAACTTGGGACTCTGGGGCTGGGCCTGCCTGCCGCTGGGCCATGGGAGCCTTCCC  
 CAGCTGCCTCTACTAGCAACCTCTCTGAGGAGCTGTCAACAGGTTAAGCAAATCTGAGGCTCCCCTGT  
 CTGCACTCTGGTCCCCAGAGTTTATTGGCCAGAGGCCCGAAACAGGAAGTACACAGGGGCACCGTGGCC  
 ACTGTGAACCAACTGGCATCTTGCGCAATGGAGCCAGGCCGAGGTTGCACTACCCACCTCCACTGCTC  
 AGTGTGGTCAAAAGAGAGGGGTGACCACATCATGTACCGTTCCAAGTGTGACACTTCTCAGTGTGAAGAGG  
 GGGTGCTATTAAAACTACATGGGCCACAGTGCACCCCTGTGGATGGA

>GBEQ1228 |Acc|CD466437|Ver|CD466437.1 GI:31387705|LeukoN2\_4\_E07.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E07\_A024 3', mRNA  
 sequence.:Start:1:Stop:612

ATGGGAGCCGCGGCCCTCAGTCCCCATCCTCATCGTGGGCGTCATTGCTGGCCTGGGTCTCCTTGTGTGCT  
 GTGGTGGCTGGAGCTGTGATCTGGAGGAAGAAACACTCAGGTGGAGAGCAGGGAGCTACGCTCAGGCTG  
 CAAACAATGACAGTGGCCAGGGCTCTGATGTGTCTCTCATGGATCCTAAAGTGTGAGGCAGATACCTTAT  
 GGGAGACCGAGTGATGCAAGATTTGTTTCACTTCTGCTTTGTGAATCAAGATCCCCTGACTTCTCTTT  
 CTACATTGGCATCTGAGTGTGTCTGGGTTCTGTAGCATAATGAGAGGAGGTGGAGAGACTGGCCACC  
 CTTGCCCTCCATGACCCCTCTCCCACTGATCTATGTTCTTTCCCTGATCCACTTTCCTGTTCCAGCAG  
 AGTCCGAGCTGGACTGTCTGCATCTCTGTATGAACCTGATGTTGTGCTGGGTACCGATGACCTGCTTCTT  
 TATTGATAATATGAATCTGGATATGAATTTGTTTTTCTAATCTTGTGATAAGGGATTGATGTGTTAAT  
 TAAAGGAGAAATTTCTAAAGTTTGGAGAGAGGAATAAATGGAAGCACTGAG

>GBEQ1229 |Acc|CD466435|Ver|CD466435.1 GI:31387703|LeukoN2\_4\_B11.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B11\_A024 3', mRNA



sequence.:Start:1:Stop:716

TTTGCTTTCCATCATGCTAATCCACAGTACGTAATGGATGTGTTGATGGATCAGCACTTTACAGAAC  
CAACTCCGATTTCAGTGCCAGGGGTTTCCCTTGGCTCTTAGTGGTCGAGATATGGTGGGCATTGCTCAGAC  
TGGCTCTGGGAAGACATTGGCGTATTGCTGCTTGCCTTCTTTTCCACCAGAGATGTTGCAATCATAA  
AGTCTAAATAACAGCGTATTCCAAATCTCAAAAGCTATAGTGGCCTGAGCACAGCTGAGATCTAGCAGTT  
TTTCCTGTATAGCTCTGGAGTAACTCTTCTGCCTCTGTGCTGTCACCTTATGATTCAGGTTCTCTCTGCT  
TCAGAACATGAGCAGAAGAGTCCCTCATCTGATGCTAGTTTTTGCAGTCATGGTGGAGACTCATTTAGAAA  
AGATCTCAATGTTAAGCTATGGGGCTGCTACTCCCCAATCCCTCCCTAACAGTTCATTTTGTGGACTTCT  
CTAAAAGATGGCTGGCTGGGTGGTGGTGGCTTTTGTCTGGGATCAGTGCTCTATTCATGTCTGCTGGTC  
TCTGAACACATTCTCTGTTGTTAAGACTTGAAGGTTTGTAGATGTGTGATGTTTCAGGCACAGGATGCT  
AAGAGCTATGTTACTATTCTTAGTTTGTAAATTGTCCTTTTGATACCATCTTGTCTTTTGTAGGTAT  
AAATAAAACACTGTTG

>GBEQ1230 |Acc|CD466426|Ver|CD466426.1 GI:31387694|LeukoN2\_4\_D08.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D08\_A024 3', mRNA  
sequence.:Start:1:Stop:587

TCCTCAACACTCAGGAGAATGCGCCCTCAACCTGGCCAAACATCAGCGGCCGGCTGTGCGGCATGGCCAA  
CGCTTTCCGCACGGTGTACCGGCTCAACGGCCTGCCCGGCTACTTCAAAGGCATGCGAGCGCGTGTCTATC  
CACCAGATGCCCTCCACGGCCATCTCTGGTCTGCTATGAGTTTTTAAAGTACTTCTCACCAGCGCA  
AGCTGGAGAATCGAACTACATACTAAAGGAACAGGCTGTGGGGAGCGATGCCGAATCTTATTTTAGAA  
GGCTTTCCCTGCCTGCTTCCATCCCTGCCCTCACACTGAGATTATTGTTGCACGGTGTTCGAGGGTGGG  
CCTCCCGCCCCGACGCTTAGAGAGAGGAAAGGAGGGACAGCCGCTTACCGGGAGGCCAGGGGCAGTCCAC  
AGGACATCCGAGGTGGTGGTAGGTGGGGAGAGACCTTGAAGGGGAACGAGAAATTGCTTTTTCTCTTC  
GTCCCCCAAGAGGTATGTAGCATTTCTGCTTCACTGGAGCAGTTTCTGCCCTGGAATTGTAGATCACAC  
AGAAGGGAAGAAATGAGCAGTGACCG

>GBEQ1231 |Acc|CD466422|Ver|CD466422.1 GI:31387690|LeukoN2\_4\_G05.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_G05\_A024 3', mRNA  
sequence.:Start:1:Stop:429

TAGTAAGCTTTCCCGCAGAGCGCCACAGAGATCCCGCTGCCCATGCTGCCTCTGGCCGAGACAGAGAAG  
TTGATCCGCGAGAAAGACGAAGAGCTGCGCCGCATGCAAGAGATGCTGGAGAGATGCAGGCCCAGATGC  
AGCAGAGCCACCTCAGGCGCAGCAGTCGGACGCTCTCTGAGGTCTGGCCGGGGCCCTGCTTTACCTCT  
GCTCCCCCTTCCGTTCTGCTCTCTTTCAATCCACAAACCCCTTCCCCCGCGCCCCAGCCTAGATTTGCC  
TGGGTTCTTGGGCTAACGTGTTCTCCGGATCCCGGACTTTGTAGGCCCCCTTTGGCTCCGCCCCCAATC  
CGCCCTCCGCCCATTTTCAGGATTCCTGACTCCCGCGACTCCCGCGCCTTTTCATCCAAGCTGTGATTT  
CAATAAAAG

>GBEQ1232 |Acc|CD466409|Ver|CD466409.1 GI:31387677|LeukoN2\_4\_D10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_D10\_A024 3', mRNA  
sequence.:Start:1:Stop:617

TACAGCCCCAAGTCCCCCTGGGGCTGAGGGTTCAGTAGAGGAGTCTGAGGCCGAAGTCTCAGGTGAGGA  
AGAGGAAGAGGATGGGACCTTACGCCGCCGACCTGCCCTCGCCGGCTTGGTGGGGCTACCAACCAAGGG  
GACCAGCGAATCCTGCGCAGCAGTCCCCCTCCCCACCTGGCTGGCCCTACCATTAGTCACAGAGGCCGCA  
AGGCCAAGACGTGAATGGGCTACCCCTCCACCTGGGCTTTCTACCATGGCCCTCTCCCTCTACAACAG  
GCCTGACTCTGTTAACCCTACTTGAAGTCTTTTGGAGGAGAAAGCCTCCAGGGAGACATAGGGGCCCTTC  
TCCCTTCTTTCCACCAAGTAGGGGTAGGCAACTGGTTGTGTCATGAAAATGGGGCTCTTCACATATCCCC  
TTCCCTTCCACCCACATGGCTGGGCAGTGTTAAGGTTGGCAAGATAGTCTCTGTCCCCACCCCTTGTA  
CTTGATTTCCCAGACTATCTTTTCAAGCCNCCCAACCTTAGGGGAAGGGAGAGGGGGCTTCGCTAAAA  
TGAGTTTTTTTTTCTTTTTTTTTTAAGAAGAAAAANATAATAAACTTAGTTTCTG

>GBEQ1233 |Acc|CD466404|Ver|CD466404.1 GI:31387672|LeukoN2\_4\_H12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_H12\_A024 3', mRNA  
sequence.:Start:1:Stop:683

CGCGCCGGGGCCGAGGCCGTGCCCTGCAGCTGAGCGCGCACTGGCAGTGCGGGGGCGGCCCTCACTCA  
GGTCTCGTGGAGTACCTACCGGCTGGAGCCACGGCCGTGCTCACGCCGCTCACCAACGTCCAGATC  
CTGCTGCCTGTGGGGGAGCCGTTGACCAACGTGCGCCTGCAGCCGGCCGCCACTTGGAACCTGGAGGAGA  
AGCGACTCCTATGGAAGCTTCCAGATGTGTCCGAGGCAGGGGGCTCTGGCTGCCTGTCTGCCAGCTGGGA  
GCCATGCTCGGGGGCCAGCACACCCAGCCCGTGGCCGCTCAGTTCACCAAGTGAGGGGGCCACTCTGTG  
GGCGTGGAGCTGGAGCTGGTGGGCAGCGGCTACCGCATGTGCTGGTAAAGAGGAGGTTGCGCCACAGGGA  
TGTACCTGGTGGAGCTGCTGAGCCACAGAGGCCCTGGCGGCTGCTCTGCGCTGTGCTGCTGCTCGCCC  
ACAGCTCCCTGCCCTCTGCGGACCTGGGGCCCTGACTCCGCCGACGCCCGCCTCCCTGGAGAGGCGC

745



sequence.:Start:1:Stop:528

GCAAGGTGTTGGACCTTACTGAAGCAGAGAAGATGACCTTTGAAACTCAGAAAAAGAACCTTGATACAG  
AAAATCAGTATTTAAGAATATCTCTGGAGAAGGAAGAAAAAGCCTTATCTTCATTACAGGAAGAGTTAAG  
GAAACTAAGGGGAACAGATTAGGATATTTGGAAGATAAAGGGACAAGTACAGAATTAGTTACAGAAAAATCAG  
AACTTAAGCAGCATTTGGAAGAAGAAAAGCTGAAAACACATAGCTTCCTTAATCAGAGGGAGACTCTTT  
TGGCAGAAGCAAGATGCTAAGGAGGGAAGTGGAGAGAGAACGATTAGTAACCACGCTTTAAGGGTGGGA  
ACTCCAGCAGTTAAGCTCTAGTCAGTCATATGGCAACACAGACTCTCCTGATATATTGACTGAAAAAAG  
GAAATAGAAATCTTACGAGAAAGACTCACTGAGTTGGAGCGGAAGCTAAACTTTGAACAGCAGCGTTCTG  
ATTTGTGGGAAAACTGTATATGAGGCAAAAGATCAAA

>GBEQ1240 |Acc|CD466296|Ver|CD466296.1 GI:31387564|LeukoN2\_3\_B05.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B05\_A024 3', mRNA  
sequence.:Start:1:Stop:596

CTGCAAGGGCGACCACTGGACCACCCGCTGCCCTTACAAGGACACGCTGGGGCCCATGCAGAAGGAGCTG  
GCCCAGCAGCTGGGCCTGTCCACGGGCGAGAAGGAGAAGCTGCCCGGAGAGCTGGAGCCGGTGAAGCCA  
CCCAGAACAAGACAGGGAAGTACGTGCCACCGAGCCTGCCGGATGGGGCCAGCCGCCGCGGGGAGTCCAT  
GCAGCCCAACCGCAGAGCCGACGACAATGCCACCATCCGCGTCACATACTATCAGAGGACACTCGTGAG  
ACTGACCTACAGGAGCTCTTCCGGCCCTTCGGCTCCATCTCCCGCATCTACCTGGCGAAGGACAAGACCA  
CTGGCCAGTCCAAGGGCTTCGCCCTTCATCAGCTTCCACCGCGCTGAGGACGCCGCGCTGCCATCGCCGG  
GGTGTCTGGCTTCGGCTACGACCACCTCATCCTCAACGTGGAGTGGGCCAAGCCATCCACCAACTGAGCC  
AGCTGCCACGTGTGCTGCTGCTGGGGCCCGGGCGCCAGGACCCTGCCGTGACAGAGGTGGCTTCCAGGG  
CAGGGGGCTCCAAGGGCAATAAAAGCTCCAGTCACC

>GBEQ1241 |Acc|CD466292|Ver|CD466292.1 GI:31387560|LeukoN2\_3\_C09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C09\_A024 3', mRNA  
sequence.:Start:1:Stop:686

ACATGCTCAGCTGCGCACCAAGCTGTCTCGCAGGAGATCCAGCAGTTTCGCTGCACTGCTTCACGAATA  
CCGTGACGGGGCCTCGGTGCATGAGTTCTGCATCAACCTGCGGCAGCTCTACGGGGACAGCCGCAAGTTTC  
TCTGCTGCTGGTCTCGGGCCCTTCATCCCTGAGAAGGACAGCCAGCACTTCGAGAATTTCTGGAGACCA  
TCGGGGTGAAGGATGGCCGAGGTATCATCAGCGGACGCTTTGGCAGGTACCGGCGGGCCATGAGCTCCAC  
CTCCACCTCCAATGGGAACAGGGCCGCGAGGCAGCTCTGATGACCAAGTCTGTGCCCTCAGAGGGGGACGAG  
TGGGACCGCATGATCTCAGACATCAGCAACGACATCGAGGCACTGGGCTGCAGCATGGACCAGGACTCTG  
CCTGACGACGCCGGGAGGGACCCCGCATCTGCCCTTCCTGTGCGGGGGCTGGGGCCAGCCGAAGGGCTC  
CCAGGCACAGTTGGGCCCTTTACTGTGAAGAAGCGCGCCCAAGTGGGGGGCAGAAGGCTGCACCTGCCGC  
CTGCCTGCGGCCCACTTTGGGAGGGGCTCCCTCGGCCAGACCTCGGACAGCTGTGATTTTGCACATGA  
CGTTCTCTATTGAATTTCCAGAGACCTTAAAGAAGTTTACTGCAATGTGAATAAC

>GBEQ1242 |Acc|CD466291|Ver|CD466291.1 GI:31387559|LeukoN2\_3\_G02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G02\_A024 3', mRNA  
sequence.:Start:1:Stop:419

GAGATGTGCATGTTACTATCCGGAAGGTGTGAGCTGCAGTCCAGTTTAATGTCACTTTTATAAATGGTCT  
TTTAGTGGACCAAGCAAATATAGGGTAAATACTTGACCTATTTTGGAAAACTTAAATTTGTGTAAAT  
ATTTATTTGAAGGACTTACTTAGTATGTAAAAATGATTATCTTGCTATACCAGCCTACAGTTTTTTTTTT  
AATGTGAATTTTCTTTTTCATTTTAAACAGTAGAAAAGTGAAGAGCAAGTTTGATATTTTGTAAAG  
TAATTTATTTGGGGATTCAAGTTCCCTGTTGGACAATCATGACCTTTGCCCTTGCCTTTTATATATAAG  
TCAGTCGCTTTTCACTTGTTCGGTGATTGTTAAGAAGATGTGCTAGAATGTAGATGCCTCGTCCAGCTG

>GBEQ1243 |Acc|CD466282|Ver|CD466282.1 GI:31387550|LeukoN2\_3\_F06.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F06\_A024 3', mRNA  
sequence.:Start:1:Stop:694

GAAGTAATTTGAATATAATTAGATATTTCCGTATTTCAAAGATTTTTTTCAGATGAAAAACAAAAATAGGA  
GTAAATGTCTAGGCTTCCATTCAAATATATGAATGGCTTGGGGTCTTTTGCAGTGAAGCAATTTTAT  
TCAGGCTTCCAGCTGTCCCTGTGAGTTATCCTGGACATTTTGATGGCTTTTTGGTAAGGCTAAACTCATA  
AGTAAAGCATGAGAATACTGACATATACTAAACCATATGTGTAAGTACTGATCTGTACCGTGGGAATTTTC  
ATTAGTTCTCTCATTTCTTCAAAAAAATAAGGGACTCTAAGTTATGTAGTAGCTTTTGTTTTATATCTG  
ATTTCTCGACTCTCTTATGTCCTCTTTATATAATAAATTCAGAGATTAAATTTGCTTTAGACTGTGGT  
ACTTTGATTCTGTAGATTGACAGAACTGATACTAATAATAAGTTTATCTTTGAAATACATCTGTGCGTAA  
AGCCAAAAACTGATAAAATTAATGGTTCACATGTTACTTGAGACTAACTTGGCATTGAAATGATCATTT  
TATTTTACAATCATTTGCAATGAACAGTGTTCAGTTAGCTTTAAAGGTATACGGTGTCTAATTAGTAA  
AATATTGAGGACAGTATTTTACTGCTAGCTTGCAAAATTAAGTGTTTTAAAGAATAAAATAT

>GBEQ1244 |Acc|CD466279|Ver|CD466279.1 GI:31387547|LeukoN2\_3\_C02.b1\_A024 Unstimulated

peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C02\_A024 3', mRNA  
sequence.:Start:1:Stop:343  
TGAGACCACCCTGAGAAGAGGATGATCCTAAACAGAGCTCTGATTCTGGGGGCCCTCACCTGACCACCA  
TGATGAGTGCCTGTGGAGGTGAAGACATTGTGGCTGACCACATTGGCTCCTATGGCATAACCATCTATGA  
GTTGTCTGGTCCCTCTGGCCAGTACAATTTGAATTTGATGGAGATGAGACGTTCTACGTGGACTTGGAG  
AAGAAGGAGACCATCTGGAGGCTGCCTGAGTTTAGCAAGTTTGACGTTTTGACCCACAGGGTGCCTGG  
AAGCATTTGCTACCATAAAACACAACCTGGATATCATGATTAATGCACCAATTCTACTCCTG  
>GBEQ1245 |Acc|CD466275|Ver|CD466275.1 GI:31387543|LeukoN2\_3\_H02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H02\_A024 3', mRNA  
sequence.:Start:1:Stop:452  
ATGGGCGCGCTCCGCACCAAGACCGTGAAGAAGGCGGGCCCGGGTCAATCATCGAGAAGTACTACACGCGCC  
TGGGCAACGACTTCCACACCAACAAGCGCGTGTGCGAGGAGATCGCCATCATCCCCAGCAAGAAGCTCCG  
CAACAAGATCGCGGGCTATGTACCCACCTGATGAAGCGCATCCAGCGCGGGCCCGTGAGAGGCATCTCT  
ATCAAGCTGCAGGAGGAGGAGCGCGAGCGGAGGGAACAACCTACGTGCCTGAGGTGTGAGCGCTGGATCAGG  
AGATCATTTGAAGTGGATCCTGACACTAAGGAGATGCTGAACTCTTGGACTTCGGCAGTCTCTCCAACCT  
GCAGGTCACTCAGCCACAGTTGGGATGAATTTCAAACACCCAGTGGAGCCGTTTGAATCTTTCTGCTA  
TGCTGTAATATTTTCAATAACCTCGGAAACC  
>GBEQ1246 |Acc|CD466265|Ver|CD466265.1 GI:31387533|LeukoN2\_3\_H10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H10\_A024 3', mRNA  
sequence.:Start:1:Stop:585  
TTTTTTTTTTTTTTTTTTTTTAAAAACAAACAACCTCCACCTCCAGTGGCTGTGACTGGTCCCAGTGATT  
GTACCTTATTGGTCCGTGTGGGTCTGGGCGGGCCTGGAGCCAGAAGCGGACTACTGTTCCCTCCCCGAGC  
CACCCAGGTGGGAGGGAGGGAGGTTTCAGACTCCAGTTCCTCTCCCTTGCCCTCTTATTTCCCAAACCT  
CCTTGGGCCCCAGTAGAAGTGTGGGGACCTCTGCCAGCTTCCTGAGCTCTGCCTAAAGATGGCCACTGA  
GCACTGGTTAGGGACAAGGGGTGAACCGGTGGCCACCAGCCACGCTAGGAGCTGGGACCCAAAAGCCAG  
GTATCCTCTGGCTGCAGGGTCCACTTCATGCCCTCCAGCTCAGAGGGGCCACTGTTTCGCCTTGTGTAT  
CAGTGCAGTGCCTGTGCTAGAGGTGGAGAGGTGAGTCTCCAGAGCTTGCTTTGGGCCCTCCACCTGCT  
CTGGCTCCTCTGCTCCACGCTCGCTGTACCTTTTCTTATTCTGGTGGATCCTCCCTCCCTAATTAAAG  
TCTCTTCTTGCCCTTTGGGGCTGC  
>GBEQ1247 |Acc|CD466263|Ver|CD466263.1 GI:31387531|LeukoN2\_3\_B01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B01\_A024 3', mRNA  
sequence.:Start:1:Stop:619  
AGGAAGAACTTCAGGAAAAATTTCTAAGGAAGTGAAGATAAAGTAAATGGAAAAACCAAAAGAGAGCCT  
GGATACTGCAGCAGTCAGTCAAATAGGCGTGAACAGGAGCCAGAGTCAAAGTAGTCCAGTGTTAGCCCA  
AGTAGAAGCCATAGCCCTTCTGGAAGCCAAACCCGAAGCCACAGTAGCAGTGCCAGCTCTGCAGAAAGTC  
AGGACAGCAAGAGAAGAGAAGGAAGGAAAAGAAAAACACAGAAACATAAAAAACATAAGAAGCA  
TAAGAAGCATGCAGGCACTGAAGCTGCTTTTGAACCAGACTATAATGAAAGTGACAGTGAAAGCAATGTA  
TCTGTAAAGAGGAAAGAACTTCAGGAAAAATTTCTAAGGAAGTGAAGATAAAGTAAATGGAAAAACCAA  
AAGAGAGCCTGGATACTGCAGCAGTCAGTCAAATAGGCGTGAACAGGAGCCAGAGTCAAAGTAGTCCAG  
TGTTAGCCCCAAGTAGAAGCCATAGCCCTTCTGGAAGCCAAACCCGAAGCCACAGTAGCAGTGCCAGCTCT  
GCAGAAAGTCAGGACAGCAAGAAGAAGAAGAAGAAGGAAAAAGAAAAACACAAGAA  
>GBEQ1248 |Acc|CD466255|Ver|CD466255.1 GI:31387523|LeukoN2\_3\_B11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B11\_A024 3', mRNA  
sequence.:Start:1:Stop:589  
TTGGAGAAGATGGGCGCTTGATATGAACAGTTGGACAAATTTCTCGAGACTGTGTTAAAGTTGGAGG  
TCGTATGGAAGTGAAGTTGCCACGCGCTTTTAATTACAGTTAACTTTGCCTAACGGCTGACTTAATAA  
ATGGCCCTTTTAATCAAGATGGTGTGTGATTAGCTGGAATGTGTTTCAAACCTGAAGAGTTTTGTTGA  
GGTTGTCCGGAATTTAATGTGTATCAAAAGAATTCAAAATCCAGTTTCCAGTACGTATCCACTTTT  
TGGCCAAAGAAATAGGGCTATGTATAATTCAGTAGATTACATTGTTGGTTGCTTTTGACAATAGTAAGAG  
TCCATTTTATTTAATATGTATGGGATTTTAAACAGCCATTTTGTACTTTTGGGAAGATTTTTTATAA  
GCTCAAAATAGTCATGTGATAGCTTGATAAATATCATACGCTTGACAGTTTTTTTTTGTGATGTTTTTCA  
GGTTGAGTGGCCCCCTTAGCTACCTAATTTTATGTTAAACGCAAGCCCCAAAAGAAATTTTTTGAATA  
AAAGTTTGCTGCAGAACCTGGTAAATG  
>GBEQ1249 |Acc|CD466249|Ver|CD466249.1 GI:31387517|LeukoN2\_3\_E11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E11\_A024 3', mRNA  
sequence.:Start:1:Stop:699  
ACGGAGGCACGGTGGCCGAGAACTGGACTGGGCCCCGCGAGAGGCTGGAGCAGCAGGTCCCTGTGAACCA

GGTGTGTTGGGACAGGACGAGATGATTGATGTCATTGGCGTGACCAAGGGCAAAGGATACAAAGGGGTCACC  
AGCCGCTGGCACACCAAGAAGCTGCCCCGCAAGACCCACCGAGGGCTGCGCAAGGTTGCCTGCATTGGGG  
CCTGGCATCCCCCGGAGTGGCCTTCTCCGTGGCGCGGGCCGGGCAGAAAGGGCTACCATCACCGCACGGA  
GATCAACAAGAAGATCTACAAGATTGGCCAGGGCTACCTCATCAAGGACGGCAAGCTGATCAAGAACAAT  
GCCTCCACTGATTACGACCTGTCTGACAAGAGCATCAACCCTCTGGGTGGCTTTGTCCACTACGGTGAAG  
TGACCAACGACTTTGTCTATGCTGAAAGGCTGTGTGGTGGGAACCAAGAAGCGAGTGCTGACCCCTTCGCAA  
GTCCCTGCTGGTGACAGCAAGCGCGGGCCCTGGAGAAGGTTGACCTCAAGTTCATCGACACCACCTCC  
AAGTTTGGCCATGGCCGCTTCCAGACTGTGGAGGAGAAGAAAGCATTTCATGGGACCACTTAAGAAAGACC  
GAATTGCAAAGGAGGAAGGAGCTTGATGCCAGCAGCAGATCGTGACGCTGGTGGGGTCCCAATAAAGAG  
>GBEQ1250 |Acc|CD466244|Ver|CD466244.1 GI:31387512|LeukoN2\_3\_A09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_A09\_A024 3', mRNA  
sequence.:Start:1:Stop:127  
CCATTTACTGTAAATATTGGTTCCCTCTGAGTTTTAGAAAATTAGCGCAATGTATTAAATCAAGTGTTAG  
GAAATTTTCATGGCCTCGCGTACAGTAACCTTTTATTTTGAATGAACATATTATTTAA  
>GBEQ1251 |Acc|CD466242|Ver|CD466242.1 GI:31387510|LeukoN2\_3\_C11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:662  
GTCCCCAGCTGACCCGTCCCCTCCCTCTGGCCCCCTCAGGGACCCCTGACAGCGTGGTCTGTGCCTCCTG  
GCCATTGACGAGGAGGAGGAGGATGACATCGCCCTGCAGATACACTTCACGCTCATCCAGTCCCTTTTGTCT  
GCGACAACGACATTAACATCGTGCGGGTGTGAGGCATGCAGCGCTGGCACAGCTGCTGGGCGAGCCGGC  
GGAGACCCAGGGTACCACCGAGGCGCGGGACCTGCACTGCCTCCTGGTCACGGTGAGCTGGGCGTCCGCG  
GTCCTGCCCCGCCCCACCGACCCGGCACCCTGGGCGGTGTTTGTCAACAAAGTTGGTCTCGCACACGCTCA  
GCACTCAGCCATGCTTGGCATGTCCCGTGGGCGAGCCGGGCTGGGCTCGGTACCCAGCGAGCTATTTT  
GAGCCAGCCTGTTTCCCCAAACGAGCTCTGGAGAGGGGAGGCTCCCCGCCCACTCCTGGGGCTCCCGCT  
GAACCCCGTCTTCTCTCTCTCTCCCGCAGAACCCCTCATACAGACGCTGGAAAAGCCACGGCCTGGTGGAG  
GTAGCTAGTTACTGCGAAGAGAGCCGCGGAAACAACCAATGGGTCCCCTACATCTCTCTCCAGGAGCGCT  
GAGACCCCGCCCGCATCACAAACGTGTCGAGT  
>GBEQ1252 |Acc|CD466240|Ver|CD466240.1 GI:31387508|LeukoN2\_3\_B08.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B08\_A024 3', mRNA  
sequence.:Start:1:Stop:568  
ACGCCGTGGGTGAAGGGCAGCGTGCCCTCCCCCCTGGACCAGTACGTGAAGTTTCGACGCGGTGAGCGGGG  
ACTACTACCCCATCTACTTCAACGACTACTGGAACCTGCAGAAGGACTACTACCCCATCAACGAGAG  
CCTGGCCAGCCTGCGGCTGCGCGTCTCCTTCTGCCCGCTCTCCCTCTGGCGCTGGCAGCTTTACGCCGCC  
ACCCTGGCCCCCTCGCCTCCCTGCCGTGCGCCTTTCCCTGGACAGATGGGGCCGGGGGTGGGAGGCCCCCC  
ACGGGCCAGTGGCCAGTGTGGTGTGGGGGCGGGCAGCCAGGGCACGTTGTTCTGGAGGCGCGCTGTG  
TCCGTCTGTTCCCTGTGTTTCTAGCCATCTCGCCCGCCAGCCAGCACCATCGGGAATCATGGTGAAG  
CCGACGTGGCGCTGCCAGGGGGGCCAGGTGGGGGCGGGGCCGGGGCCCTCGGTGGGACACCCACGGCA  
TCATCATCTTGTCCCCCGTCCCGGCCACGCCCTCCACCGCCCTTTAACACAGTCTGGATTTAATAAAT  
TCATATGG  
>GBEQ1253 |Acc|CD466236|Ver|CD466236.1 GI:31387504|LeukoN2\_3\_G03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G03\_A024 3', mRNA  
sequence.:Start:1:Stop:508  
TGGGGCACAATCCCTTGGTGCCCTTCGCCACAGCTATTTGCATCTGGCTGAAAACCGTTTCAGCCGCTGG  
GTGCTCACGCCCCAGCCATCCAGACGTTCCATCACCTGAAGTGGACCTGTTGGGACCGCCTGAAGGTGC  
CTGCTGGCCAGCCTGAGAGAAACCTGGAGTCATTACTGGCCCATCTCCAGGAACAACATGGGCTGAGGGT  
GAGGATGCTGCTGTACGCCCGGGCCCCCTCTCTACTCAGCTGCATGGCCGCTGAAAAGCAGGCCACGAC  
TTGCTCTCAGGGTGACGGAACCTGGTGCAGCGGGTGACAGGCCAAGTGCCTCTGCCTGGGCGAGCGGGTGC  
TGGTACTGGAGCTCAGCTGTGAGGGTGAGGAGGAGGACACTATCTTCCACCCCTGCACTACGAGCTGTG  
ATAAGCAGCAGCCTCACCAACCCAGCTCTGTCAAGCCCTGCATCTGAGTCCACAGTAACGCTCAATAAA  
TGCTTGTGAAAAAAGGG  
>GBEQ1254 |Acc|CD466145|Ver|CD466145.1 GI:31387413|LeukoN2\_2\_F07.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_F07\_A024 3', mRNA  
sequence.:Start:1:Stop:592  
GAGGATAAGCGAGTGAGGTTACAACCTGAGTGCAAAAAACGCCTTAATGACCGGATTGAAATGTGGAGTT  
ATGCAGCGAAGGTAGCCCCAGCGGATGGCTTCTGACCTCGCCATGCAAGTGATGACATCTCCGTCAAA  
GAACTACATTCTCTCTGTATCAGCGGGAGCATCTGTATATTGTTCCCTGATTGGCCTGATGTGTGACCT  
ATCACAAGCGAGTGACACGAGAGCTCAAGGACAGGTAGAGCCACCTTGACCACCAAGGAACACTAGT

CCAGTGCCCAGTCTGTACAGCCCTCCTGTATAGTGTACCCACTCACCTCGTTCTTCTAAGAGGTGACACC  
AACACTCATGTTAGAGCAGCAGCAGGTATCCACTGCGTTGTCCCATCTCAGACTTCGCCCCGTGCCATGG  
TGTCCTCCTCCTCCTCGACCATTTTGTGCAGCATCAGCAGCTGGCCACTTTGGTTATTGCCTTTGTGGCA  
AACTTGGATTACCTGCCCGTAGACAAGTCTCTCTCATACCAATGGAATTACCAATACTTCCAGAACC  
CTCACCCGACCTGCAACTCAAATGATTTTTTT  
>GBEQ1255 |Acc|CD466138|Ver|CD466138.1 GI:31387406|LeukoN2\_2\_C06.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C06\_A024 3', mRNA  
sequence.:Start:1:Stop:574  
GAGGTCCACATGCTGGACATTGAGAGTTTCTCCTTCTCAACCGGGCCCTGGAGAGTGACATGGCGCCTG  
TCCTCATCATGGCCACCAACCGCGGCATCACCCGGATCCGGGGCACCAGCTACCAGAGCCCCACGGCAT  
CCCCATCGACCTGCTGGACCGCTGCTCATCGTCTCCACCTCTCCCTACAGCGAGAAGGACACGAAACAG  
ATCCTCCGCATCCGGTGTGAGGAGGAGGATGTGGAGATGAGCGAGGACGCCTACACAGTGCTGACCCGCA  
TCGGGCTGGAGACCTCGCTGCGCTACGCTATCCAGCTCATCACGCCGCCAGCCTGGTGTGCCGGAACG  
CAAGGGCACAGAGGTGCAGGTGCAGACATCAAGCGAGTCTACTCGCTCTTCTGGACGAGTGCAGCTCC  
ACGCAGTACATGAAGGAGTACCAGGATGCCTCCCTCTTCAACGAGCTCAAAGGCGAAACCATGGACACCT  
CCTGAGCTGACGCCACCCCTCGCCCCACATCCCCCGTTTCTACTAGAGTTCTGACACTGTGACTTTGTAT  
AAAATGGTTCTGAA  
>GBEQ1256 |Acc|CD466136|Ver|CD466136.1 GI:31387404|LeukoN2\_2\_F10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:285  
TTTCTGCATAATATAGAATATAAAGATAAGTTAACGTACTAACATTTTTCTTTGGAGAAAGTTTTAATC  
CCCTTGAGGATGCATATTATCAAGATTCTTTCATATACAGGATAGCCTAATTTTATTTGTTAAATATGC  
TTAATATGCCCCAGATTGCAAATGCATCAGTCAGTAATATCCCTGTTGTATGTGGAAGACATGTTCCCA  
TGGGTTCATATGTGAAGATGTCAATAAGCTTGCATTAAGCCCCCTGCTTTGTAAGTGGATTGATTAATAAA  
TAACT  
>GBEQ1257 |Acc|CD466131|Ver|CD466131.1 GI:31387399|LeukoN2\_2\_B12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:786  
CAACCGAGAGTGGTGATGAGGTTCTGTGGAATTATATACCTGCGTTTCAGCATACCCCAACATCGATTAC  
TTTAACTGCTTCAAGAGTTTCCAAGGTTAATGATAAAGAAGGAAAAAAGTGGCGAGAAAGAACAAAAC  
ATTGCAAATTTTGGATGGGAGACAAAAATCAAAGCATGGATGGATCGATATGAAGAAGCAAATAATAACC  
AATCAGTGAGGGTGTTCAAAGGGAGGCACAAAGACTAGCTCTGAGATTAGGCAATGGAAATGACAAAAA  
AGAGATAAATAAATCAGATTTGAATACCAACAATTTGCTCTTCAAACCTCCTGTAGAGAGCTATATACAA  
AAAAATAAGAAAATCCTGAAATCTGCAAAAGATCTGCCTCCTGATGCACTTATCATTTGAATACAGAGGGA  
AGTTTATGCTCAGAGAACAGTTTGAAGCAAAATGGGTATTTCTTTAAGAGACCATAACCTTTTGTTTTAT  
CTATTCTAAATTTACGGGCTAGAAATGTGTGTGATGCAAGGACTTTTGGGAATGAGGCTCGGTTTCATC  
AGACGTTCTTGTACACCAATGCAGAGGTGAGGCATGAAATGAAGATGGAACCATACATCTTTACATTT  
ATTCTATACAAAGTATTCAAAGGGAAGTGAATTAATGCTTTGATTTTACTATGGGAATTGTAA  
GTACAAGGTGGATTGTGCATGCCTCAAAGAAAACCCAGAGTGCCCTGTACTAAACGTAGTTCTGAATCC  
ACGGAAAAACATCAATA  
>GBEQ1258 |Acc|CD466117|Ver|CD466117.1 GI:31387385|LeukoN2\_2\_C05.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C05\_A024 3', mRNA  
sequence.:Start:1:Stop:512  
TGAGGTCACCCTGAGGTGCTGGGCCCTGGGCTTCTACCCTGCCTGAGCCCGTCACCCGGAGATGGGAGCC  
GCCTCCTCAGTCCATCATCTCATCGTGGGCGTCTTGTGCTGGCCTGGTTCTCCTTGGAGCTGTGGTGGCT  
GGAGCTGTGATTTGGAGGAAGAAGCGCTCAGGTGAAAAAAGAGGGATTACGTGCAGCTGGCATCTGAAT  
TTGTCTGTGTTCTTATAGCTAATGAGAGGAGCTGGGGAAATTGACCCACCCCTGCCCTCCACGACCCG  
CTCCCCACACTGATCTTTGTGCTTTCCCTGATGAAATGCTCTGTTGCAGCAGAGGTGGGGCTGGGCCAGC  
TCCCTCCCTGTCTTAACCTCCTGTTGCACTCACTAGTGATCATTTGCTTCCTTACTGAAAAATATGAATCC  
AGATATGAGTTTTTTTCTAATCTTGTGTTGAAGGGATGTGTTAATTAAAGAAGAAGATTCTTAAAGTTTG  
AGAGTGGAATAAATGGAAGCA  
>GBEQ1259 |Acc|CD466107|Ver|CD466107.1 GI:31387375|LeukoN2\_2\_A04.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_A04\_A024 3', mRNA  
sequence.:Start:1:Stop:537  
TAGCAGCAGACGACCACAGCTGATGGGTGAGTCCAGTGGACTAGAAGCCCCCTGTGCA  
GAGAAGGGAGTGGGTGAGGGGCTTTGTGCTGCTCGGACGATGTGAACACTGGCGACATCCATGGGACCC  
CCTGAGTGTGATCTTGTGCTTAAAGATAACGGTTCACCTTGAACAAGAGGAAGAGCCCTCTGGACTGCCC

TGTGTGTCCAGGGCGGATGGCCGAGAGAGGCTGCTGGGCTGTGCACTGGCTCGGGGGGAGTGGGGGTAC  
 TCAGCTTTGGGAAAGGAAGGGCTAGGGTGGTGACCATCACAAAGCAGGGCTGGGCCCTGGGGTGCAGGGTGA  
 GATGCGGGTCAGAACTGCCGCTGTCTGGAAACCGAGGGCCTGCCGACTAACCGCGTTTACACAACGTGA  
 GGGTTGAACCCCAATCATAATGTCTGTATGCTGCCTTTCCCGGTGCGACCCCGAGCCCCGGGCGCAGG  
 AAAGCGTGGCCGGCCTCTGCACTGCTTCGTCTCCAAAATAAACTAC

>GBEQ1260 |Acc|CD466106|Ver|CD466106.1 GI:31387374|LeukoN2\_2\_B06.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B06\_A024 3', mRNA  
 sequence.:Start:1:Stop:597

CATCCTCGATTGGCATGTGGCAAATTCGGACAAGAAATCGTGCGAGCCCTGGAGGACCCCGGAGTGAAG  
 AGCGTCACCAAGATCTACATCTAGTACAAGAAGTTTGGTTACAAGACCATCGTCATGGGCGCCTCCTTCC  
 GCACACGGGGGAGATCAAAGCGCTGGCAGGCTGCGACTTCC'TCACCATCTCGCCCAAGCTTCTGGGCGA  
 GCTGCTCAAGGACAGCACCAAGCTGGCGCCCGTGTCTCAGCCAAGGCGGCCCAGGCCAGCAACCTGGAG  
 AAGATCCTCCTGGACGAGAAGGCCTTCCGCTGGCTGCACAACGAGGACAGATGGCCGTGGAGAAGCTCT  
 CGGACGGGATCCGGAAGTTTGTCTGCAGACGCGGTGAAGCTGGAGCGGATGCTGACGGAACGGATGTTTCAG  
 CGCAGAGAATGGAAAGTAGTGTGGCGCCTGAGGCTGGACCGCAGACCGTCTGTCTGTGAATTGGGGTCT  
 GATTGCACATCCCTTGCAATGAATCTTGCAATTTTTTACCAATTGGAGCAGGGACGGATCATAGATTTCTG  
 ATTTTATGTAAATTTTGCTAATGCATTAAAGCTGT

>GBEQ1261 |Acc|CD466103|Ver|CD466103.1 GI:31387371|LeukoN2\_2\_D04.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_D04\_A024 3', mRNA  
 sequence.:Start:1:Stop:562

CAGAGGCCTTCCCAGCTCATCCACTCAGGAATTCGCGCTTCTCGTTTCTGCCTGTCTTGGTCTCTCTCA  
 CTGTTTTATCTTCTCCTGACACTCCCCACCTTCCCCCATTTGCCATCTTCATCCTCTGTTCCCTACTG  
 AGATCACCTTTTAAATTTACACTCACCATCTCATTGCTTTTTCGGGACACCCTGTAAGATAGACCCTGTAA  
 GATAGGCAAAGTTAATATCCCTCTACAACAAGGTTGAGAGAAGCACAGTCCACTGGCCACGCAGCTAAC  
 ACTGTCCACCTTTGTATCCTCAGGTATGAGGACAATTACATTTTAGTTTTACTTTGTGTATTGCAGAAT  
 GTTGAATCTTTCTGTCCAAGCCATGATTTTGTCTGATAAATACATTGATGGTCTGATCAGTTATTAAACGC  
 TGTCTTTGGTCTGGAGTTTGATTGCAAGGTTTTTCATGAATCCAAATGGACTCCAGACATCATAGACTGAT  
 TAAATCTTGTGTTTCTACATGTATGTTTCAAATGTGTGTAGATGCTATTGTTATTGATAAAGTTACCA  
 AT

>GBEQ1262 |Acc|CD466100|Ver|CD466100.1 GI:31387368|LeukoN2\_2\_B08.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B08\_A024 3', mRNA  
 sequence.:Start:1:Stop:617

TCCCCAGCAGCCCCGCTTCCCACTTCTGTCCAGCCTTGCCGGTATCCAGCAGAATCTGCCCATGCCGGCA  
 CAGAGGCTCTCTCGCGAAACCCACGAGCTGAGGGAAGCTCTCCTGAAGATCTTCCCCGACTCGGAGCAGA  
 GACTCAAGATCGACCCAGATCTGGCGGCCATCCCTCATCATGAAAGACCTGAACGCGCTCTCTGCCCTGGT  
 GCTGGATTGAAGGCCGTCGGGGGCCGGCGCCAGGGCTCAAGAGCGCACCCAAGCTCATGTCTGCACACG  
 GCAGCAGGAGGTGACATAATGTGAAGAAATCCATTTCCAGCGGAAATGCTGTTGTAGTATATAGAGGAA  
 AAACGAACAGGTGTTTTGTGTATAAAAAATCTGGGTTTTCAAACCAGCTTTTTTCTATATATAAATTAT  
 GCTGCTATTACAGATTTAACATTTTCTGTAAAAGGAAAGTCTACATTTTCTGCCTGTTGAGAAGCTTTTA  
 ATAGCAGTTACTCTTGAGTGTATTTACATTTTATGTTTTTAAACTATTTTCTTAAAGCTGAAAATAT  
 TGACAAATGGATATGACTCGCCTTTCTAAATAAAAAAAGAGTTGCTTTCTTAGCGAA

>GBEQ1263 |Acc|CD466099|Ver|CD466099.1 GI:31387367|LeukoN2\_2\_G10.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_G10\_A024 3', mRNA  
 sequence.:Start:1:Stop:690

CCAGCGTAGGGGGCCCTGCATCATCTATAATGAGGACAATGGTATCATCAAGGCCTTCAGAAACATCCCT  
 GGAATTACTCTGCTTAATGTAAGCAAACCTGAACATTTTGAACTTGCTCCTGGTGGGCACGTGGGACGTT  
 TTTGCTATTGGACTGAAAGCGCTTTCCGCAAGTTAGATGATCTTTATGGCACTTGGCGTAAAGCTGCTTC  
 CCTCAAGAGTAACATAACCTTCCCATGCACAAGATGCTCAATACAGACCTTAGCCGAATATTGAAGAGC  
 CCAGAGATCCAAAGAGCCCTCCGAGCACCCGCAAGAAGATTTCATCGCAGGGTCTGAGAAGAATCCAC  
 TGAAAAACCTGAGAATCATGTTGAAGCTAAACCCGTATGCGAAGACCATGCGCAGGAACACCATTTCTCG  
 CCAGGCCAAGAATCAAACTCCGGGTGGATAAGGCAGCAGCACTAGAAGCCAAATCAGATGAGAAG  
 GGGGTTCCAGGCAAGAAGCCTGTGGTAGGGAAAAAAGGCTGCAGCTACTAAGAAGCCAGCAGCTGAGAAG  
 AAGCCTGCAGAAAAGAACCCGCTGCAGAGAAAAGAAGCCTGCTGCGTAAACTTGTTTGTATTATTCAT  
 AAAGGTCACATCATTTTGGACAGCTCCCTTTGAATAAAGACCTGATCAAAGAGACAGAGA

>GBEQ1264 |Acc|CD466098|Ver|CD466098.1 GI:31387366|LeukoN2\_2\_H12.b1\_A024 Unstimulated  
 peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H12\_A024 3', mRNA  
 sequence.:Start:1:Stop:386

GGGAGGGACCAAGCCAGGCTGGATGGGTCACTCTCAGCTCGCGCCAGTGTTCCTTGTGAGAGTGGCT  
CTTGCAATAGTTCCGGTTAAACGGAGACTTGAGGTCTCTGTTATGGGGGGCACCCACCTCGACTGGAGGTG  
GGTGGTGGGTGCCGGCTGAGCCCAGGACAGGCTTGGGCAGCCCCCTCCCTCCCCGAGCCAGGCTTTTCG  
TTGCTCTGTGACGTCCAGGCTGGCCTGAGGCTGCACCAGGCAAAACCAGAACCCTGTTTCCAGGCTGGA  
AGAGCCAGCATGCTTGAGCCGAATCAGATGTTGATAGTTCTTCAGGCATTTTTACCACAATATTGGAAT  
TGAACACATTGGCCAAATAAAGTTGAAATTTTTCTC  
>GBEQ1265 |Acc|CD466092|Ver|CD466092.1 GI:31387360|LeukoN2\_2\_E02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_E02\_A024 3', mRNA  
sequence.:Start:1:Stop:384  
CAGATGGAAAATTCATTTTTAAAATTTCCCGTTCTGTCTGATGTTCTCTGATAAAAGACGGCCATATCACCCA  
TTTTCGGCCCTCATATTTCCAGTTCCCCCTCCCCAGAGCTGGGCTAAGTAAATAGGAATTTGGTTTCA  
TGCCCTCAGGCACTTAGACACTTCAGAAGGTGGCATAACCTGCCTCACCTGGACTGCAGGGTCTGGCTCTA  
GTTACAGTGCTCTTTCTCTTACTGTATNCAGTTCCCCCTCCCCCCCCAGGAGGAGCCACCAG  
TTCTCTTGGTTGGCCCTCAGTTTCTCTCTCTCTCCAGCTGACTAAACATTTTTTCTGTACCAGTTAAT  
TTTCCAACTACTAATAAGATAAAGGCAGTTTCT  
>GBEQ1266 |Acc|CD466086|Ver|CD466086.1 GI:31387354|LeukoN2\_2\_B07.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_B07\_A024 3', mRNA  
sequence.:Start:1:Stop:672  
CTTTTTGCTACCAGATTTGCAGTAATTCTAATCAGAAGTGCTAAATGTGTTGTGCTTAATTTATTAGT  
TTTGTAAATCCAAATTTTAGATGGTAATTTTATACTGGTGAAGTACACCTGCATGCTGGATAAAATAGAG  
GCATATATATCTAAAATTTGTTGAAGAAATGAGTAAAGTACTTTGTTTTATTTAGGTATGGATATT  
AAAATCCTTCATCTAAGTATTGTGTTACTTATGTATCAGTGCTGTTTTGAAAGCAAAATGTTGAGTGTA  
CATTTAAATGACATTGTTGTCCTTTGTAGTCCAGCTCAACCAAGATAAAATGAATTTTTCCACGCTGA  
GAAACATCCAGGCTCTATTTGCTCCACTGAAATTGCAAAATGGAATTCAAGGCCGTACAGCAGGTTCCAGCG  
TCTACCGTTTTCTCCAAGCTCAAATCTTTCACTGGATATTTTGAGGGGTAATGATGAGACTATTGGATTT  
GAAGATATTTCTAATGACCCGGCACAGAGTGAACATAATGGGAGAACCACACTTGATGGTGAATATAAAC  
TCGGTTTACTGTAACGCGAGCTGTGCGGTTCTGTGAAAAGAGTGGGGCTGTATCTGTTTATAGTTGTCTT  
TCTACTGTAATTTGATGTACACAACATTAAACGTACTGACAC  
>GBEQ1267 |Acc|CD465986|Ver|CD465986.1 GI:31387254|LeukoN2\_1\_D04.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D04\_A024 3', mRNA  
sequence.:Start:1:Stop:524  
CCCCCCCCAAACACCCGGGAGACCATCGGGGGCAGAATCATTGGAGAAGACTGAAGACAAGAAGAGGGG  
AGCGCACCGGGGGCGGTGACCCTGTAGCTGCGCCAGCGCGGCCACAGAGAGAGAGAGGAGAAGAGGGGG  
ACCCAGGCGACGCGGAGAGGGGACCCCGAGCTCAGCCCTGCGACAGAGCAGAAGCTGGAGTGGAGAGC  
CTGGCTTACACTGCGGGGCTCGGGGAGCCTGACTGCATCCCCCGAGCCTTCTTGGAACTGGAGCTGA  
CACCTGCAAACCGGCCCTGGTGACCGAGGGTCTTGACCCCTCGCCGGACCGTACTTTTGAGACTTGGGAG  
CTGGGGCTGATGTTACTCGGTACCCACGAACTCCAGTTTGCAAACCTGAATAGACAATCGATTTTGTAAAC  
TTGCACTGGTTTGTCTTGAACCACTGAAAAAGAGAGGGGAAGCTCACAGATACGCTATTTTTTGTCTT  
CTATGAGGCCCTTGTAAATAATTTCTAAAGCTTC  
>GBEQ1268 |Acc|CD465982|Ver|CD465982.1 GI:31387250|LeukoN2\_1\_C11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:740  
CGGAAGCTGGATGTTCAAGTGAAGGCTTTTAAATCTTTTCAAGAAAGATCGCAAAATGGCACTCATTAGTT  
GGGATCTGTGGAAGAGGCAATCCAGGCCCTCATTGAGCTTCATAACCATGACCTTGGATAAAATCACAC  
CTCAGAGTTTCTCTTCAAAATCTACAATCTGACTTTTCTGTGAATATTTCTTCTAAGACTGGACCATAA  
TTTCAGTAAACCTTCAGATATAAGACTGAAGCAGCTCAAGACCAATCTGCCTCTTTCACAAAAATAAC  
TCTTTCAAGATTGTGATATTCAAGTATATTCAAAAAAATAAGGGATGTTCTTTTCTCTTCTTTTCTTCC  
CCTGCCAATATGTGATCAAAGGTTTGTCTTTCTTTGAACCATAGCTTCTATGAAAATAATCTTCAGGAA  
AAAAAATTTTCAATAATTTAATCCCTATATTAAATTAGATTTCAAGAGGACAGACTTCTTTTAGGTT  
GGGTCCAGATCAGCCTTATACAACATTTCTAAACTCCTTTGTACTTTGCAAAATTTAAATAGACTTTTT  
AAATTACTTGATGTAAGTAAATTTAATTAATTAACCAACAGGTTTTTAACCTTATGATTTCAGAAAGTTTAC  
CCCTATAGGAAATATGTTCACTTATAAATTACATTAATTTTGACATGTATTGGTAGTTGTATACAT  
AAACAAATTTGGGTATATTAGAAGCAAATTTATAAACTTGC  
>GBEQ1269 |Acc|CD465974|Ver|CD465974.1 GI:31387242|LeukoN2\_1\_E10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_E10\_A024 3', mRNA  
sequence.:Start:1:Stop:609  
TCCGCATATGGCCTACCAGCTCTGCCACGCCCTTAGATTTCTACACGAGAGCATTTGGTGATGATGGAG



AAGATCCTAGGGGCCATCCCATCACACATGATTACCGTACCAGGAAGCAGAAGTATTTCTACAAAGGGG  
GCCTGGTTTGGGATGAGAACAGCTCTGACGGCCGGTATGTGAAGGAGAACTGCAAACCTCTGAAGAGTTA  
CATGCTCCAAGACTCCCTGGAGCAGCTGCAGCTGTTTGACCTGATGAGGAGGATGTTAGAATTTGACCCCT  
GCCAGCGCATCACACTGGCGGAGGCCCTGCTGCATCCCTTCTTGCTGGCCTGACCCCTGAGGAGCGGT  
CCTTCCACACCAGCCGAAACCAAGCAGATGACAGGTGCAGTCTGCTGCATGAGGAGATGGGGAGCGGGA  
CTGGGCTGCCAGCCCCATTTTCTCCAACCTCTACCGCCAGGCCCCAGGGCCAGAGCCACCAATGAACA  
GTGCAATGTGAAGGGAGGCGGGAGCCTGAGGGGAGGAGACGTGATGCCCGGCAGCCAGAAAGCACAGAT  
TTGACCCAAGCTATTTATATGTTGTAAAGTTATAATAAAGGTTTCTTAC  
>GBEQ1270 |Acc|CD465972|Ver|CD465972.1 GI:31387240|LeukoN2\_1\_A02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A02\_A024 3', mRNA  
sequence.:Start:1:Stop:482  
AGTGTGAGTGAACAGGCCTGGGGGACAGGGCAGGGCAGGAGGCCTGGNTGANCCGCCCCCGCCCCCAGG  
CCCCGAGTCCCCGTACACGCACTGGAAGCAGACGGTGTCTACATGGAGGATTATCTGACAGTGAAGACG  
GGCGAGGAGATATTCGGCACCATCGGCATGCGGCCCAACGCCAAGAACAACCGCGACCTGGACTTCACCA  
TCGACCTGGACTTCAAGGGCCAGCTGTGCGAGCTGTCTGCTCCACCGACTACCGGATGCGCTGAGGGGG  
GCGCTTCTCCCCGGGCCGGCCGGCCCTGCGCGCACCCAGGGGCTGCGGCATTCTTAGCTGGTTTCGGGGG  
TCCCCCTTCTCTCCCTCCCTCCCACAGAAGGGGGTTTTAGGGGCTGGGCCGGGGGGCGGGGCACATCA  
TGACTGTGTTTTTTCATAACTTATGTTTTATATGTTGCATTACGCCAATAAATCCTCAGC  
>GBEQ1271 |Acc|CD465970|Ver|CD465970.1 GI:31387238|LeukoN2\_1\_D02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D02\_A024 3', mRNA  
sequence.:Start:1:Stop:404  
GGTCTTTGCTTTTAGTAATAAAACATCAAATTAGGTTTGGAGGGGACTTTGATCTTCTTAAGAATTAAAG  
TTGCCAAATTACCTGATTGGTCTTTAATCTCCTTTTCACTCTTTGATTATATTTACTTGTATATAAATGAA  
ATGCATTAGTTGCTGCTCTTTTCTTTCCATCCTTTGCCCCACATCCCACCTCAGCCCTAGTTTTCCAT  
CCCTTTCGCCCAATTTCCATTGAATCAATGGTGCAGGACAGAAAGCCAGTCAGACTAATTACCTTTTTTTC  
CTTGCACTTTTTCCCACTTGTGTTTTTTTACACTGTGGTGCACTTAACCTTGTGGATTTTTTATACTAA  
AAATGTAGAATAAAGACTATTTTGAAGATTTGAATAAAGTGATGAAGTTGCCTT  
>GBEQ1272 |Acc|CD465969|Ver|CD465969.1 GI:31387237|LeukoN2\_1\_E04.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_E04\_A024 3', mRNA  
sequence.:Start:1:Stop:480  
AGGAAGGACTTTTCTTCAGAGATAGTGGCGTGGCGCCAAACAGGTAGTTTTGCACATAATGCACCAAACA  
GCCCAGGACTGTCGAGACCGTGGCCGCTGAAGGAGCCTGCTTTGGTACTATGGAACCTGACTTTGGGGA  
CACTTCTCTTTCTTGGAGGTCTCCAGTGCATTGAGATGGTTTTCCAGAAGAGGCACTCGGCCTGCCCTC  
CCAGTCTCCGCCCTCTCAGGAGCAGTCTTCCATCATGCTGAATTTATTAGTCTTCCAGGAGCTGCCCCCT  
ATGGGGTGGGGCCGCCAGGCCAGCCTGTCTTTCTACAGTCGCATCATGTGTATACAAGAAAGCCAGGAA  
TACAGGTTTTCTGATGATTTGGGGTTTAATCTTGTTTTTATTGCGCCTGACAACAATACAGTTATCCAA  
TGGTTCCTCAATTATGTTATTTTATAAATAAATAAATGATAGGTTTAAATGGCAAAAAA  
>GBEQ1273 |Acc|CD465964|Ver|CD465964.1 GI:31387232|LeukoN2\_1\_G09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G09\_A024 3', mRNA  
sequence.:Start:1:Stop:451  
GGTGCAGGCTGCAGCGGGACGCCCGCTGACTCAGAAGGCTGACTACGCGGCTCCGCCGGCGCCCGGCTC  
CCCGGCAGCGCCCGGGATTTTCGCCCGGGACCAGCGGCTGGCCACAGCGCCGAGATGTACCACTACCAG  
CACCAGAGGCAGCAGATGCGGTGCTGGAGCGGCATAAAGAGCCGCCAAGGAGCTGGACTCGGC'TTCTCT  
CGGACGAGGAGGACGAAGACGGTGACTTCACGGTGTACGAGTGCCCGGGCCTGGCCCCGACCGGAGAGAC  
GGGGGTGCTGAACCCGCTGTTTCGACCACTCCTCGCTGTGCGCGCCCCCGCCCTCGCTGTCCGAGCCCCCG  
CAGCAGTGACCCGAAGGCCCCACCCACCCCTTTCCGACCGTTGGGCTCACCGGTGGGGAGGGGCAGGGCC  
CGGCGTTTTCCCATTAAGAGAGGGCGTTTTG  
>GBEQ1274 |Acc|CD465963|Ver|CD465963.1 GI:31387231|LeukoN2\_1\_F10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:740  
CTGGATGGGGAGCAGATTGAAAATTTCCAACCAAATAGGGAGCTGATGGCAGTACACTTAAAACTCTC  
CTAAAAGTGCAAACTTAGATCTCAATTTCACTATGTCTGTAAACTTAGTTTTTCCAAAATCCCTGGACT  
CTTGAAAATTTGGTACAGAAATGGAATTTGCCTTGTGCAACGTACAAGTGCAAAAGATGAGTTAAAAA  
ATTACAAACAGCTTGATATTATATTTTATATTTTGTAAATACTGTATACCATGTATTATGTGTATATTGTT  
CATACTTGAGAGGTGATATTATAGTTTTGTATGAAAGTATGTATTTTGCCCTGCCCAAATGGTAGGTGTT  
TTGTATATATACAATGGAGAAATTTAAGTGTGTGCTAAGGCACACGGAAGACCAATTTATTTGCACAAG  
GTACTGAGATTTTTTTTTTCAAGAAACAGCTGTTGAATCTCAAGGTGAAGATCTAAATGTGAACAGTTTA

CTGATGCACTACTGAAGTTTCAATCTGTGGCACAATCATTGTAAACATGGGGTTTGTCTATGTTTCTCTA  
AATTGATTTCTGCCCTTCTAATCTGTGATTACTGGAAAACCTCCTATTTCCCATTTTTACCAAGCTTAATTTCT  
TGGCTTTTGGTTTATATCCATTATTCAAATTTAAATACCTCTAATTTTAATGCCAACAAAATTGGTTGT  
AATCAAATTTTTAAATAATAATAAATTTGGCCCCCCCC

>GBEQ1275 |Acc|CD465960|Ver|CD465960.1 GI:31387228|LeukoN2\_1\_D09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D09\_A024 3', mRNA  
sequence.:Start:1:Stop:642  
TCCCAGGCCGGCGCTCACCAGGAGAAGGCCATGTTTCAGTTCGAGCGCGAAGATCGTGAAGCCCAATGGC  
GAGAAGCCGGACGAGTTCGAGTCCGGCATTTCCCAGGCCGCTCCTGGAGCTGGAGATGAACTCGGACCTCA  
AGGCCAGCTGCGGGAGCTGAACATCACGGCAGCCAAGGAAATGAAGTTGGCGGTGGTTCGGAAAGCTAT  
CATCATCTTTGTTCTGTTCCCTCAACTGAAGTCTTTCCAGAAAATCCAAGTCCGGCTAGTACGTGAATTG  
GAGAAAAAGTTTCAGTGGGAAGCACGTTGTGTTTATTGCTCAGAGGAGAATTCTGCCTAAGCCAACTCGAA  
AAAGCCGTACAAAAATAAGCAAAAGCGTCCCAGGAGCCGTACTCTCACAGCTGTGCATGATGCGATCCT  
GGAGGACTTGGTTTTCCTCAAGTGAAATGTGGGCAAGAGGATCCGCGTGAAACTGGATGGCAGCCGGCTC  
ATAAAGGTCACCTGGATAAAGCACAGCAGAACAAATGTGGAAACACAAGGTTGAAACTTTTTCTGGTGT  
ATAAGAAGCTCACGGGCAAGGATGTTAATTTGAATTTCCAGAGTTTCAATTGTAAACAAAATGACTAA  
ATAAAATACATT

>GBEQ1276 |Acc|CD465952|Ver|CD465952.1 GI:31387220|LeukoN2\_1\_B08.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B08\_A024 3', mRNA  
sequence.:Start:1:Stop:648  
GATAGTCCCAAAAGTGGCTGGACAGAGGAAGATGGCCCCAAAGAAGGACTTGCCGAGTACATTGTTGAAT  
TTCTGAAAAAGAAGGCTGAGATGCTTGACAGTATTTCTCTTTGGAAATTGATGAGGAAGGGAACCTGAT  
TGGATTACCCCTTCTGATCGACAACTATGTGCCCTTTGGAGGGTCTGCCTATCTTCATTCTTCGACTA  
GCCACTGAGGTGAAGTGGGATGAAGAAAAGGAATGTTTTGAAAGCCTTAGTAAAGAATGTGCTATGTTCT  
ACTCCATCCGGAAGCAGTATATATCTGAGGAGTCAACCTCTCAGGCCAGCAGAGTGAAGTGCCTGGTGC  
CACTCGAAACCCCTGGAAGTGGACTGTGGAACACATTGTCTATAAGCTTTCCGCTCACACCTTCTGCCT  
CCTAAACATTTTACAGAAGATGGAACATCCTGACAGCTTGCCAACCTGCCGATCTATACAGAGTCTTTG  
AGAGGTGTTAAAGACGGCCGTTTATGGACTCTGGGGTGTGCTGTTCTTCTTTGTATCCTCATGCGGGTA  
GATCTGAAGGCTGAAGACTCATGTGTGCTGCTAAGTACTAGTACTCTTTTCATGCATGGTGGGTTGATTA  
TAGATAAATGTCAGGATG

>GBEQ1277 |Acc|CD465951|Ver|CD465951.1 GI:31387219|LeukoN2\_1\_G10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:588  
TCCTGCCAAGGTTTATAGAAGCCTGAGAGTCTGAGGATGGCGCCTGGCCTCTGGTCAAGAAGCCAGCAGC  
CACATGGTTTGGAGATGCTATGTCATCCAGTTCCCTCCAGCACCCCCAGCCACTGCCCCCATCTT  
TGCCAGACTGTAAGACATTACAGGGCTCCCATCTGCTACTTGCCACCACCAGCTTGCCCGTTTGAACCTT  
ATTGCTGCTTGTCTCCCTAAGGTATCTGCATCCACCACGGCTGGGTAAGCACCAGTCCGGCAGGGCTTTCC  
CCTTCAGGCTCCGGCACCCGGGCACGGGGCTTCCCTGACAGCACTCCCCGGACAGGAGCCGCAGCCCCCT  
TCTCAGAGGGCTCAAAAGGAGATCCTGTGGTAACTTTTCTTCCGGGACACCCATCCCAGCCCTTTCCAGT  
TTTGATTCACTCAAAGTAGCTGCACTCAAGCTGTGTTAAATCTGGAATGAGTTTATTTACTCCAAGCC  
CTTCCCAGAAGATACCACTGCTGAAGAAAATGGCATAAGTTTCCCTCTTTATAATTCTGGGTACCCAC  
AGATTCAAGAGGAGAATAAACCTGACT

>GBEQ1278 |Acc|CD465947|Ver|CD465947.1 GI:31387215|LeukoN2\_1\_H05.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H05\_A024 3', mRNA  
sequence.:Start:1:Stop:451  
GGGGTTTGAGGGCCGCCCTCATGCGGGGAGGAGAATGGAGGGTATGCCTCCTCCCCATCCTCTGGCAGA  
AACTAAGTGGACTCTACATCCACGGCCACCCAGGGGCCACCACCATGTTGAAGCCCTCGGCAGCCCTGA  
GAGCTCCAAGGAACAAGCTGTGACAACAGGAGCCCTGTCTGGGAGGTGGGCCACCCGGGGCCTGGAGCCT  
GCGCCCTGCGCTCCTGGGGCAGCTGCATCTCCCGAGGTGATGCGTATATTGCGTGTGGACCTCTGCTTG  
CGTGTGTACGGATGCGAGCATTTACGCTGTGAAACGCTGGAAGTTGTGTTCAACTGACATTTAACACT  
CCCTCCCCACTTCTCCCGCCTGTGGCGGGGTTGGAACCTTAGCACTTTATATTTATACAGAACAT  
TCAGGATGTGTCAATAAAATATTGTTTGT

>GBEQ1279 |Acc|CD465945|Ver|CD465945.1 GI:31387213|LeukoN2\_1\_G06.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G06\_A024 3', mRNA  
sequence.:Start:1:Stop:693  
AATGAGCTTTGCACAGTTTGAATCTACTGGGGATAAATGCACATACTGAAGACCTGCTCAGAAACCCG  
TCCTACATTCAAGAGGCAAAAGCTAAGGGACTAGTCATATTCTGCTGGGGTATGATACCAACGACCCCTG



AAAACAGAAAGAAATTGAAGGAATTTGGAGTTAATGGTCTAATTTATGATAGGATATATGATTGGATGCC  
TGAACAGCCAAATATATTCCAAGTGGAGCAGTTGGAACGCCCTGAAGCAAGAATTGCCAGAGCTTAAGAGC  
TGTTTGTGTCCCCTGTTAGCCGCTTTGTTCCCTCATCTTTGTGTGGTGGGGAGCCTGACATCCATGTGG  
ATGCCAATGGCATCGATAACGTGGGGAGTGCTTAGTTTTGATTGGACAGAGGCCATTGTGGGGCATGTAT  
CGCTGTTCTGGATATTCAGTTTTTCATCAGTGAAGCATTGTTTTCTATGTCTTTTAGGTTTCTTGGTCCA  
ATGAAGCAATAATGAAGTATTTTACTATTTCACTACTGTTCTTGCTAGAATTTCAAAGTATGCTATTTA  
AATCACTTGGCCAGGTATAACTACCAGTCATTCTCTTACAATGAGAAAATTTATTTGGTTGGTAAATATT  
TTAACTAAATATGTAAACGTATAATGTTAAACAAATGTTTCAATTAAGCATAGCACTTGAAA  
>GBEQ1280 |Acc|CD465937|Ver|CD465937.1 GI:31387205|LeukoN2\_1\_A06.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A06\_A024 3', mRNA  
sequence.:Start:1:Stop:628  
GATAGCATGGATCTGATTACAAAAGATGACCTTATAGACATAAACAGATGTCCGCTGTGAAGTCCCAGC  
TGGAGGCCGTTACAAAGCACTTGGATTTCCTCTTTCTGACATTTTGTGTTAGTAATTATACTTCTGA  
GTGGGAGCTGGACCTCTAAAGGACAACTGATCCTCTTTGCACTGAGACATATGCTGTGGGCAGCAGAT  
GACTTCTCGGAGGATTTGCCTCTTGAAGAAACAAGGGAGATGCTTTTGGCGGTGTAGAACTTGAAGGCA  
TCAGCTCCGTGGCTACTTCCCGCTTGAATCTATTGGAGATTCTTGAGAAAGGAATTATCAAGTGCGCAAA  
AGAAGATAATAAATATGTGAACCTTTGCATATTATTAATTTTATCTCATCATAGAAGAGTGAATTTGA  
GAAATAAGGAAACAGGAAAAGAGAGTAGCTGAAACTGAAGGGGATATTTTATTTATGTCTGCAGTGA  
AGATGCACATACAAAATTGTAATACCTATAAATAACTAGGAGCAGCAGGATTTGAAGTCACCTATTGTGA  
AAAAACAGTCATAATTTCTTTTGGACTTATGTTTTGTTTCTGTAAAAAATTAATAATCTTTTCATAAT  
>GBEQ1281 |Acc|CD465935|Ver|CD465935.1 GI:31387203|LeukoN2\_1\_B03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B03\_A024 3', mRNA  
sequence.:Start:1:Stop:602  
ACTTACTTCTGGCAGCAGAAACAAGACGGGTGGAAGGCTCGAGAGGAGGATGACCAGCAAGTCTCTCCAG  
AAAATAAAGGAAAGGAGGCCCTTAAGTGATGCTTGTGTTGGTCAAATCTCAGAACTCTGAAAACCTAAAAAG  
GAGCAAGCATGTCAATGAAAACCTGAAATGTTTATGCTGCTGACAATACACTGGCCACACAGTGCCGTT  
CGAACAGTGCCTTCTAGTTTTGAACAAAATTGCTAAACACTCCTTGAATATACTCTTCTCTTTTGTCC  
TCATTTCTGTTGCTTGTCACTGAATACTGGTGCTCCTGTGACAGGGAGAACAAATCTTGCTTCTTTTTT  
GTCTGTTTGTGTGTTTCAATTCTAAACGTTGATCCTCTCTGGAGTCTGTGGTGGGCAATCATGTCTATC  
AGAGACGTTTATCTTCAAATAACGTTTGCACATGTCCCCAGCAGCCAGCATGTCTGTCTGTTCTTAGA  
TGTACAGCTCTGATTTTAGGCCTCTGTGCAGATCATTATAGTGTGGTGGGGTAAGACGTTCTGCAATAGC  
CTGTGTTGAATTCATCTCTTGAATAAACTTGTCTTCTGGTGAA  
>GBEQ1282 |Acc|CD465929|Ver|CD465929.1 GI:31387197|LeukoN2\_1\_G07.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G07\_A024 3', mRNA  
sequence.:Start:1:Stop:384  
GCCACATCAACCCGCGCTGACTTTTGCAATGTGTCTTTTTTGGACGGATGAAATGGTTCAAATTGCCTTT  
TTACATGGGAGCCAGTTTTTGGGGGCCCTTGGGGGGCCGCAACCCTTTTGGCATTACTATGATGGA  
CTCATGTCTCTTGTGCTGGTGGAAAACCTGCTCATCGTGGGAGAAAATGCAACAGCCCCCATTTTGTCAAGGT  
ACCCAGAGGCATTCACTTTCCCAACTGCTTTTGTATGGTAACAGAACAGCAAAAAGCCCATATGACATGT  
TTCCAGTGGCTTATGTTTGTAAATTTACCAACATATGCAATTTTTTTTTTGTCTTTGAACTACCTGGATA  
TTTCTATTTACAATAAAATTTGGGTTTTTTTTTT  
>GBEQ1283 |Acc|CD465927|Ver|CD465927.1 GI:31387195|LeukoN2\_1\_G11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G11\_A024 3', mRNA  
sequence.:Start:1:Stop:748  
CAGGCTCAGGTTCCCTGCTGTTGGGCTTTTTTTTCGGTTTTTAAAGACTTGTGTATTTTCTTCTTCTGCT  
TCCTGTCAACCCCCCAAGGGTTTCTGAGTATAGGCTTTTTAGCCCCGGGGCAGTGTCTTGAAGTGTGTTT  
TTTGACACTCCACGGGGCTTCTCTGTGTGATTATGTGTCTGGCTGGTGAAGCAGGTCTGACCCCTC  
CTTCTTTAGACTTAATGTTATTCTGGCATTTGGTTAAGCTGGCTTAATCTGTTAATGTATCAGTGCA  
TTTTAAATAGGGGCACTAAAGTTCACTCCCACCACAGGGCTTTTTTTGGGGTGCCTGGGCCTTAAAAAT  
AAGTAGCCAACCTCAAATCTCAAATCAAAGCCAGAAGTTCTTGCTCCTGGTTGCAGGCCAGGCCACAAG  
GTGTCTCCTTCTAGGGTCGCAAGAACAGAGCAAGAAAAATAGCAACTCAGGGCCTGGGAGTTGTGGGG  
GAATCTGTTGCTTGGCTGAGTATAGTGCTAACTGCCCCCTCCCTCTCTAACAGGTTCTGAGTAGGGCT  
GAGACCTGTTCCACAGGGCTTAGGGGTGGGACCGGGGGGTGTAGAAGTGGCCTGCCCTTTTCTGTTTTTC  
ACTGAACAGCTTGTCTTAAAGGGGGGGAGGAAGGGGAGAGATCTAGATTGGGTGAGGGGGTGGGAGTGT  
CAGGGAGGCAAAATGTGTTGTGTTATTGTGTCAATAAACTGATTAAGT  
>GBEQ1284 |Acc|CD465923|Ver|CD465923.1 GI:31387191|LeukoN2\_1\_B09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_B09\_A024 3', mRNA

sequence.:Start:1:Stop:652

GGGAAAGAGGTTTTATTACATTATAGTGTGGGATAGAAAGCCACCTTATTACAAATTTTTTATTTTCA  
AAATCTACGTTAGATGAGGGTTTTCTGATCTGTATTTTGTGTTAGCTACCTTTTATATTTAAAAAGTT  
AAAAATTATGTTTCGTTAGCTTAAAGCTTGATTTGATCTTTGTTTAAATGCCAAACTGTACCTAAATGA  
ATTATTTAGAATGCCATAAATTTGCACAGTTTCATATATGTATATAATCATGTTCTTGTATATTTAGATA  
CATATAATGCTTTCTAAATGAGTTTTCTCTTAAATCATTTGGCTTGCTGTTTACTCCCTTTTGTAGTTT  
TTAATCTAAGAAATTTAAGTCTAAATTTAAAAATTACCACATTTAAAGCTTTATCTTTGTGCAATCTGA  
GTATATGTGAGAAATCACGATTGGCGTAATTTGTCTGAGTTGATATCCATAGCTTTAGAAAGTCATTATTT  
CTGGGCTTGGAAGTGAATTTTGGAGATCTGTTGCTCTAGAAAGTATAGATGGCCAAAGGACCATTTTGT  
GTTGTTTCTGTTACTAGTCTGATTATACTCTGTGTGCTAATATACTCTATTCTTTTGTATAGATTG  
TCTTAACGGTAGGTCAAGTAAT

>GBEQ1285 |Acc|CD465876|Ver|CD465876.1 GI:31387144|LeukoN1\_8\_B09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B09\_A023 3', mRNA  
sequence.:Start:1:Stop:683

TTTTTCATGGAAGGAAACAGATTCCGTTGTTTCTATGCTCACAAGAGAAGTGTATTTTATCACTAA  
AGAAATGGGTGGGTTTTTGTATTTTTTTTGTATGCCAAGTGAGGAAGCAGTATAATTCATACTGTATTT  
TCTTCTCTCGTTTAAATCTCATCTAATCCTCCAAGTGGTACTTTGAAACATGCCGCTTTCATCGCAATAA  
AACTACTGTGAAGTACCTCAAACCTCAGAATCAGGTAGTTGAAATTGAATTGAATTAGGAGTAAATAACA  
ATGGACAGTGGTACAATCATGATGAGAGAAAATGATTGTAAATTAACGGCTCTCATCGTTAGCAATTTTT  
AGTGATGCTATGATATGAATTTTCAAGTAATCATGGGAAAAGTTAAATATTGCAGTAATGGATTTTCAGTG  
ATACTGATGTGCTCTCACTTGAGTATGCATCCTGGTCTTTGTCAGACTAGAAACGATCATGTGGAATAAT  
GTTTCCTAGAACTGTGACCCCATGGGCCGTCGCCAAAGGCTTGAGGCCCTTGACTTTAGAAATGGTATTTG  
GAGATAAGTCAACCGTATTTTTAGATCATTTATCTGAGTGCATGGTTTTGTGATGTTTGTCTGAGCATG  
TCTTTGTTGTAAGAGTTGTGTTTAAATATTGAAAAAGAACTAAATATTTTAC

>GBEQ1286 |Acc|CD465874|Ver|CD465874.1 GI:31387142|LeukoN1\_8\_F02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_F02\_A023 3', mRNA  
sequence.:Start:1:Stop:597

GAGCAGCAACCCACAGTAGGTAGGAAAACGGGCTGTTTGACGGGTCTGGCCATGCTCTCACAGCACCGTT  
GGCATGAAGTGGCGAAGTGACCGCCACCCAGTTGCCATCTGTTGAACAGACTTTTGGATGAAGTGTGTTG  
GGTAAGAGGATAAGGTTATGTCTAGGACGACTCCTTGAGTTGGTCTTCAGATAAGAACCATGATGATGA  
GAGAATAAACACTGTATTAGGATCAGAACACATGATGGATGAAATTCCTTACACATTTTAAGTGAACGA  
ATTTGTTTAAATATAATAAAGTTTGCTACTTATCTGTACGTAGGTTGCTAAAAAGGATTTTCTTAACCTAG  
ATTTTAAGCCAAATAACCATTTAACACTAGTATACGTTAAATGGGGTATTTTTCTGTATTTGTATGTTTC  
ACTATAATAAGGGAACCTGAGGATAATGTGCATTGAGAAATTTTTGAAAAATAATCAGTTGACTCAAATTT  
TATTTCTTGGTCTTTTGTCTGTTTAAATGATGATTTTGAAGATTACACTTGTACTGTTGGTATTGTGTAG  
TGTATGGACCAATATCTGCTGTAATAAAGATTTTATA

>GBEQ1287 |Acc|CD465854|Ver|CD465854.1 GI:31387122|LeukoN1\_8\_A11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:633

TAGCTTTTTGTATTCTGTTATTTGAGGCTAGAATTGGTACATGAGAAGTATGTGAGTGTAAACATGCAGAG  
GTGAATTACACTTTTTGGAAGTGAGGATTCCTGTGGAATGCTGAAAGTGTATTGTTTAAATGTCTAAAACC  
TGTGATGCTGTAAGAAGCATTAAGAATGAAGCTTTATACCAATAGGTTCTCAGTACAAAAAGTTTCAAT  
CTTAGATGGTTTTAGTTGGTGAGTCATTACTTCGTAGAAACAATAATAATCTATTTGGTCTTTATTACTT  
GGTGTGTTGCTGTTCTTCAAACATTTAAACCAAGCTTTAAACTACTGATTATACTAATGTGTGGGTTTTGA  
TCACTTTAGAGCTCAGGAGCTTTGAGTCTTCAGTGGGTGGTGGGGTCTGGTAAGTGAGAATTACCTTT  
TTTAGGAAAAGGTAGAAAGTCAGTATCTGGAAGATTGTTGGGAATGATTTTGTGCTGACAAAAATGCTTG  
AAACCTCCCTATTCATTTCTTAAGAAAGAGGTGAAGTTTCAGATGCTTTGACAAAGGTCTTTAATAGCAA  
AAGCATGTACTTCTCTGTGGAATCTCAAGTATCGTTGTAGCAATCTGTTTCAATCTTACATTAAAATGAC  
AGA

>GBEQ1288 |Acc|CD465842|Ver|CD465842.1 GI:31387110|LeukoN1\_8\_D09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D09\_A023 3', mRNA  
sequence.:Start:1:Stop:626

CAAGGACAGAGCTCAGACGAGGAGACTGGAAAACAGACAGTACCTCCAGCACAGCAAGCAGCGGAGTAA  
CCGATCCAGCACCCGGAGCTCCTCAGCGTGAGCAGCGGGATGGAGGGGACAATGAGGATAATGAAGTC  
CCTGAGGTTACCAGAAGTCGTAGTCCAGCCCCCTGCAAGTGGATGGAACACCCACCGTGCCCCCTTGAGA  
GGCCCCCAGGGTGCTCCGAGAGCTGCTTCACAGAGGCCACCAACCAGGGAGACCTTCCATCTCTCTCC  
ACCTGTTCCACCCAGAGGTGCGTGATTCCGCTCCTAAACCCTGCCTACTTCCAGACTTTGAGACTTGCA

ATTTTCAGCCTGTTAATGATGCTTCATGTTGCATTTTATGGCACAACCTGCTGACCTTAAGAACCACCTCT  
CATTACTGTTACTGTTGCAGCCCTGCTGGTTTGGGCTTTCCCTTGAAGAGGATATTATTAAGGCATGAAGA  
AGTGAAAAACTGAAGACTTGATTACCATTTGCCAAGTGATTTGATCCATGTCCTCGTTTGCCAAAAGGAA  
GAAGACTTAGTTGGAATACTTCCCTCTAATTTGGCATGTGAGAAGCCTAAAAAGATTGATCAGAAA  
>GBEQ1289 |Acc|CD465833|Ver|CD465833.1 GI:31387101|LeukoN1\_8\_F11.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_F11\_A023 3', mRNA  
sequence.:Start:1:Stop:680  
GGCTTCCAAAGCCTGGAGGCTTGATGTCATTTCTCCCGTTAACTCTAGGGATGACCAATCCTGAGGTGA  
TTCAGAACCTGGAGCGAGGTTACCGCATGGTGCGACCTGACAACCTGTCCAGAGGAGCTGTACCAACTCAT  
GATGCTGTGCTGGAAGGAACGCCAGAGGACCGGCCACCTTTGACTACCTGCGCAGTGTGCTGGAGGAC  
TTCTTTCAGGCCACAGAGGGCCAGTACCAGCCCCAGCCCTGAGAGGCCCTGGCTGGCTGGGGCCTGGAGCC  
CTCCCCCTATCTAGCCAACCTGGCTCTGGGAGATACAGTTGTGTCATACCCATGTGGCCTATGAACATAT  
GGACTCTGCACCATGTGAATCCCGCCCATGCACGACACACTTCTCGTGTCTTAGACACGGGTTCTTTAGT  
TGTGTGGGCTCTGCACATGTGTCTGTACATGTGTGGCCTGTGCATATATGTCTTGACACTTGTCCCTT  
CTGGGCCCTCCCACTTCCGGAGACCACAGAGAGAGGAGAGGCCCTGTGATTGACACCAGCTTCTGCT  
CACCCCCCTTTCCCTTTCCCTGGTCTCAGGAAGCTCCTTGAGGGCCGGGACCTTATCTAATACCTCTGT  
GTGCTCCTCCTTGGTGCCTGGCACACATCAGGAGCTCAATAAATGTTTGT  
>GBEQ1290 |Acc|CD465829|Ver|CD465829.1 GI:31387097|LeukoN1\_8\_B03.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B03\_A023 3', mRNA  
sequence.:Start:1:Stop:642  
CAGACGATCAAAACAAGCAGGCAAACGTCAGCCTAGAAGCAACGGCGATTTCCTGGCAAGCAGTGGTCTA  
TGGCCTGCTGACTCAGATACTTGGAAAAGAGCAAAACAGCTCACAGGGCCCAACCTAATGATGCAATCTA  
CTGGAGCACTCACAGCTACAATGGAAGGAAAAGATGAAGAAAAGAACTGAAAAACTCACTAACTGATGCTT  
TAGTGAAGGAAAAATGCAAAGTGGCTATGAGAAAAGTTAGAGTAAAAATGAAGTCAGTTTGATATTTAATG  
CCAACAGGTTGGTCTGATGGTCTGAAATCTGATGGGCAGGCCCTTGCATTTAAATGAAGCAGGTGAGAA  
GGGGAGAAGCATGCCTGCTTACTTAATGACTGAAACTGTGCACCTTTTGTCTGACACTGAATATCTTAA  
GAGCAATAATAAACAACAAGCATCTGGGGAAGGTTTTGAAGATGACTTGAAGGAACCTGACTAATAGA  
AAGGGTCAATTAAATAAATATTTCTGTTCATAATAATAGTTAGATGATCTTTGTTTGAATGTAATTAA  
ATTTTGAAGTTTTTAGCATGTCCTTAGAGGCAAGTATATGCTTCAACACCTAACAGAAGTAAAAATTCT  
AATGCATAGAGA  
>GBEQ1291 |Acc|CD465827|Ver|CD465827.1 GI:31387095|LeukoN1\_8\_D07.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:702  
GATGTTGAGTTTGAGGTTAAGTCTCTTGATGAAGCAAATGTGGTTGGCAAGATTTCCAAGCAGTGGGGTG  
GTTTTCTGAGAGGCAATATACAGATGCTGATACTTTGGGATCCAGTTCCCTTTAGACCTTGATGTGAAA  
ATGAAAAGCTGCGATGCTTGGCGCATGTTTCCCTCACTGACTTCATGTTTTTTGAAAGCAGTGGAGGCAATA  
AGTAGAAAGCGGAATGTGGTAGTGGATTAATGATAGTCTCCTCAGAAAACCTGAAGCCTGTATTGATTG  
GGATTACGAGAGAAGAAAACCTCAGTGTTTTTTTTTTCTTTATTGAAATGGCTTATAGCGTTTGAATTAC  
ACTATGATGCCTGAAGCTCCAGGTGTATGATTTCACTTTTCAAATTATAGAGTTTATTTTCTGTATTACT  
TATAAATGTTTTTATACATTTTCTTTTATTTTATACATTTTCTTTTTCATTGTGTATTTTACAGAGAAAGGA  
TGTAGGAATTTTACATTTAAACATGGAATTTCCCTATGATAAATTCCTTAGAACTATAGTCCCTGCTTTA  
TTTTCAAGTTTTTATACTAAATTAAGACTTACTAGACTAATTTTAAATATAAAGTATATATTTTATAAAT  
CTAGTTGCAATATATTTTCATCTGTAACAACCTAATGTTATTTTGCAAACTACTGTATATGCAAAAAATTAA  
AA  
>GBEQ1292 |Acc|CD465825|Ver|CD465825.1 GI:31387093|LeukoN1\_8\_A08.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A08\_A023 3', mRNA  
sequence.:Start:1:Stop:633  
GTGGGGGTGGAGGAGGAGGCTCATGGAAGAAATGAACAACTGCTGGCCAAGAGGAGAAAAGCAGCCTC  
CCAAACAGACAAGCCAGCTGATAAAAAGGAAGATGAAGCCAAACGGAAGAGCCGAGCACCTCTCCATCT  
CCGGGGAGCCGAGCAGCCAGCCAGCCGCTAATTCGTCAGAGGCTGGCCGGAAGCCCTGGGAGCGGAGCA  
ACTCAGTGGAGAAACCGTGTCTCGTTACTGACCAACCCGCTCTGTGGCAAAGAGCCCTGAAGCTAA  
GAGCCCCCTTCAGTCGACGCTCACTCTAGGATGAAGCCAGCAGGGAGTGTGAACGACGTGGCCCTGGAT  
GCCTTAGATTTAGACCGATGAAACAGGAGATCCTCGAGGAGGTGGTCCGAGAGCTCCACAAAGTCAAGG  
AGGAGATCATCGACGCCATCAGGCAGGAGCTGAGTGGGATCAGCACCTCGTAGTGCGCCCGGGCCCTGCC  
GCCACCGCCGAGACCGCAGTCTACCCCGCGGGGACAGTGAGGAGCCGAGCCGCGCCAGGCTCCA  
GCACACATGAGCAGCACTGAAGCTAGGATGTGCTTCAATTTAAAGTCTTAACCTGTGATAAAATATTAA  
AAG

>GBEQ1293 |Acc|CD465768|Ver|CD465768.1 GI:31387036|LeukoN1\_7\_B05.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B05\_A023 3', mRNA sequence.:Start:1:Stop:554  
CCTTCAGGAGATTATAACAACCTACAGTTCAGTCTCTGAGAGTTTACTGATTTATCTTCCTACTCAAACA  
AAATAAGAAGTGATTTCTGTATCTCTGAAGAAGACCTCAAGATCTGGACTACTCTGGAGAACTCCCAGT  
GAGGTTATCCATAACTTCAGAGATGGAGAGTGAATACAAAAGAAATTGTTCTGCTGAAAGGATTAGAGCCC  
ATCAGTGAATATCATTTTAGCATTGTTAAGTCTTTATTGGCCCATGATTTAAACCTAAGTAGAAAAGCTC  
AAAATGAATATAATAGAATTTCAGATTGCTGATTTGATGGAAGTAAAGTTCCGAGGAGCCGCTGTGTTGA  
TGCTCTAATAAACTTTACAAAGACATAGCAGAACTTAAGGAACCTTGCTAAACCTCTTAAAAATGAAAAG  
TTAAAAGTTGCAAGGGATGCAAAACAAAAGGAATAACTATAGTGAACAAAATCAAGCAGGATAAATCCA  
TACTGAGAAGTCTACATCCACCCAAATAAACTTTGGAACCTGAATCAATCAACGATACACC  
>GBEQ1294 |Acc|CD465766|Ver|CD465766.1 GI:31387034|LeukoN1\_7\_E10.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E10\_A023 3', mRNA sequence.:Start:1:Stop:425  
TACTTAATAAAAATGGCTTGAGACCCCTTATTTGTGGGTAGCAGACGTACAAAATAGATGGCATTGTGTCAG  
GGAAACCATAAGGTATTGATTTTGACATTACTGAACCAAGTTTACGATTTTAAATGAGTTCTTACACA  
ATTCTTATTTTGAATGCAAACTGTCCATCCCTAGGGAGGCGTGTCTCCTCAGTTAAGGACTTGTGTTGTGT  
TAGCTGGGACTGTAATGGATTTTTTCTAGAACTTATTAGCAAACTTATTTTCAAAAATGCTCACC  
TGAATGTCAAAGTATATTCGTACGTATTTTATACCTGATTGTAACTTTTTGTGAGAGTCTGTGTTCTAT  
ACTTGTAACTGAACACAATTTTTGGATAACATTTAAACATTACTTTTCATACTTGAAATAAACATTTA  
TTTTT  
>GBEQ1295 |Acc|CD465754|Ver|CD465754.1 GI:31387022|LeukoN1\_7\_B03.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B03\_A023 3', mRNA sequence.:Start:1:Stop:567  
TAACCAGCTTTGGGAATATTGACTGGTTCCCTTATCTCTTAAGGCTAATTCTTTGACTGTGTTTCATTTACC  
AAGTTGATCCAGTTTGTCTTTAGGTTAAATAAGACTAAAGCGTAAAGACAGGGAGGGGGCCAGCCTCTG  
AATGTGGCCACAGATGCTGCTGCAACCCCTTGCCCATCTGTCCCCTGAAGACTTGTGAGGTCCCT  
TTTTGAAAGCCAAACCCACCATTCACTGGTGTGCTGACTACAAAGAATGGGTTTGAGAGAAGATCAGCTAGG  
ACTTCACATTGCCATTCAAACTCTTCTCTCTTTTTTTTTTATGTTGTGGGAACTTTCAAGTGAACAG  
AATGATTGCTTGTGCTGCTCATGTGACAAAGGATGGACGAGGGAATGGCTTTGACCTGACGGTGC  
CTGGGTGATGTGCTCAGGGAGCTTGTCTCTAGCGGGTTCACTGAACACTTTCCACTTTCTGACACCTGAT  
CCTGATGTATGTTTCCAGGATTTGGATTTTGATTTTTCAGATGTAGCTTGAAATTTCAATAAACTTTGCT  
CTTTTTT  
>GBEQ1296 |Acc|CD465752|Ver|CD465752.1 GI:31387020|LeukoN1\_7\_E09.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E09\_A023 3', mRNA sequence.:Start:1:Stop:622  
TAACGTTGATGCTGCGAAAGAATGGAGGGAAGACAGAAATGGAGAATTCAAAGGAAAGTTGCCCGCTGT  
GTAAGAAAAGCCAAAGAGACTGCTTTTGTAGTGACATTTATTCAACAGCTGTAACCTCACTTATTTTCAAGG  
TCTCCAATTGAGAAACATGGCACTGTTTTTCTGCTACCTTACCCACCTATTGCTGGACTTCTGTTGTAAC  
AAGTTGGCAACACTGGCTGGAACCTGGGCTGCAATAAAACATGCCAGTATCAATGCTGACAAGAGCCTAA  
CAAGTGCCAACCTTACCGATGATTACGCATTTTGAATTCTAATGAACCTGTTTTAACCTTCAGGAAGAATTG  
TAAAGGCCTGTACATAGCACAAACATGATCCGGATAATATATATACTGTTTCATGTACATCCACAAATACAC  
CTTGTAACCAATAATGCTTTCTTGTAGTAGAATAAGAATCGTGTAAATTCTAAAAGATTTTAGCAGGTTT  
TCTTTCCCTATTTCATTTGTTTCTTATCAGTTTAAAAGACTCCTTAAAGCATGTCAGATGAAAAGCAATTA  
GGATTAAGTTTCCATTTAGTTTCTTTAAACCATTTAGGCTTCATTAAACTCTTTTCACT  
>GBEQ1297 |Acc|CD465748|Ver|CD465748.1 GI:31387016|LeukoN1\_7\_B02.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_B02\_A023 3', mRNA sequence.:Start:1:Stop:283  
TTAATTAGAGTTTTCTGTATAGTGGCAGAGATGTATATTTCTGCATACAAAGTGTAATGATGTACTTAT  
TCATGCTAAACTTTTTATAAAAGTTTGTAGTAACTTACCCCTTTTATACAAAATAAATCAAGTGTGTT  
TATTGAATGGTGATTCCTGCTTTTATTTCAGAGGACAGTGTGATTTTATTATGCTATGTTATAACT  
GACCCCAATAAATCCAAGTTGAAATTTATGTAGACTGTATAAGATTATAATAACCCATGTCTGAAGTCA  
CCC  
>GBEQ1298 |Acc|CD465747|Ver|CD465747.1 GI:31387015|LeukoN1\_7\_C04.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_C04\_A023 3', mRNA sequence.:Start:1:Stop:562  
ATCAGCCCGCCAAGATGGCGATGCAAGCGGCCAAGAGGGCGAATATTCGACTTCCACCTGAAGTAAACCG

GATTTTGTATATAAGAAATTTGCCATACAAAATCACAGCTGAAGAAATGTATGATATATTTGGAAAATAT  
GGACCTATTCGTCAAATCAGAGTGGGAAACACACCTGAAACTAGAGGAACAGCTTATGTGGCCTATGAAG  
ACATCTTTGATGCCAAGAACGCGTGTGATCACCTGTCAGGATTCAATGTGTGTAACAGATACCTCGTGGT  
TTTATACTATAATGCCAACAGGGCATTTTCAAGAGATGGACACAAAGAAGAAGGAAGAAGAGTTGAAGCTT  
CTCAAGGAGAAATATGGCATCAACACAGATCCACCAAAGTAAAAGTTTTCTGCATTTTCATTTTGGACTA  
AGACCCATGAGTGGCAACCACTTACCCTTTTTATGTTTTTAATTAATACTGAATATTGTGATTTCTTATT  
TGAGATTCAAAATGACCTGCTTGAACTTTGATATATGTTAGAATATATTATGTTAATAAACCTGTAGCT  
TA

>GBEQ1299 |Acc|CD465739|Ver|CD465739.1 GI:31387007|LeukoN1\_7\_D05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:571

ATAAAAACCATAGAAGCATGAAGCAATGCAGGCACTGAAGCAGAATTGGAAAAAACCAAAACACA  
AACACAAGAAAAAGAAGTCAAAGAAGAGCAAAGATAAGAAAAAGAGAAGGAGAAAGATGACCAAAAGT  
GAAATCTGTCACCGTGTAGAAGGACAGATTTTAAAAAATTGACTTAATTACTAAGTCATCTGTATTTAAAT  
TTTGTATAATGTAAAGAGATTGAAGCCTTGTAATAGTGATATGGGAGACCTGTGCTGCACCTTAAAT  
ATTGCTGCTTGATTATTTGATTTTACATCAGAGCTTTATAACACGAACCTTTGTACAGAATTGTGAGTT  
GTGACCATGTAACATGAGAGGTTTTGCTAGGGCCTATTATTTTAAACCACCTAATTAGTTGGGGTGGGA  
GTTTACTGTACTGTGAAATTTTACATTTGAATTTTTTAATTGCCTGGCAAAAGCTGATATCAGTTCTA  
AAATATCAGCAGAATGATTGCTGAATTCATTACAACCCCGTTATGTCACCTTTTGATTACAATAAAAGT  
TTTCAGTAAAC

>GBEQ1300 |Acc|CD465738|Ver|CD465738.1 GI:31387006|LeukoN1\_7\_E07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E07\_A023 3', mRNA  
sequence.:Start:1:Stop:502

CGGCAAACCTGATGAGCTCAGCAGTTCATAGGCGCAGGTGAAAACATTATAAATAGCGTTTCCTTCCAGT  
GGAACAGACGGGACACAAGACAGGAGAGCCTTTTAGCAAAGAGGGCATGCTCACTAGTGGTTAGTAAGCT  
GTTGACTTTGTCCAAAAGTTAAATAAAAAAGAGAAAAAAGGAGAAATGAAATTTGTATATTTAATGA  
ACGACCATGTACACTTTCCCGGGAGGAGGTTGGCTTTCTGTCGGGCGGTTTGCAGGTGGCCCTCACGGA  
TGTGGATATTGATTGTTGTAGTTTCTTCCGCCCGGCTTCGATTTTGGAGCTCATGCCAGCCGCGT  
GTTTAGTTTTGAGTGCAGTAAATAGAAATCAGCAAATCACACTTATTTTTCACCTTTTCCAGTATTTTT  
TTGTTTCTGTAGCAGCAGTGTACACCAACTCTTCTGTATATTGCCTTTTTGTGCGAAAATGTTGTATGT  
TGAATAAAATTT

>GBEQ1301 |Acc|CD465737|Ver|CD465737.1 GI:31387005|LeukoN1\_7\_F09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F09\_A023 3', mRNA  
sequence.:Start:1:Stop:524

TCCCTCATCCTGATGTTTAGCTCCCTTGCTCTAGAGGGAACCTCTGGGGGCTCCTGTCCCCACCTCCAG  
CTTCTAATACTCTCCTAGAGAGAAGCACAGGCTGGAGCTATGGCCTTTGAGGCTGCAAAGCCTTATTACC  
AAGTGTCTCAAATCATGGATTTACACCTTGAGCCAAAATAATGCCCGTTACCAGCCCTGTGGTGCCTG  
GTATTGTCTCTGTGCTAACACCAGCGTTTGAGGGGCCAGCTGCCTGCCCTGCAGAGGTCTCTGCCAGT  
TCTTTCTTGTCTCATCTGGCTGAAAGGAAGTGGTGGGACAGCACTGGCCCTCTCCAGACTCTGGGGAGGT  
TTGGTCTGTGACTTCTCGCTTCCCTTTTCTCAAGTGCCTTAATAGTAGAGTTTGGAGAGTGGGGGGAG  
GGCAGGCTGGCAGCTCTCCAGTCAAGAGGCTCAGTTTTTACAGAAGATTCAAAGCAGCTGGACTCTTGCT  
CTTTCTACTGTCACTAATAAATTCATTGCCAAG

>GBEQ1302 |Acc|CD465734|Ver|CD465734.1 GI:31387002|LeukoN1\_7\_D04.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D04\_A023 3', mRNA  
sequence.:Start:1:Stop:561

GTTTGACCGCGAGATCTCCAGTTTGAAGCTGCTTTGAGCATTGAGTACTGGCCAGAGTTGGCCAGTTT  
TTATTAATTTGAGTCTTTTGTGGTGAACTTTCCAGTTTATTTACAGAAGTCCAGACCATGCATGTTCT  
CCACTCAGAAATCATGCTCTTTTCCCTGGACATCATGTTTGTGTTCCACCAATAATGCTGGACAC  
TCTGGCCTGGAAACCGACGGCGCTTTGCTCCACCTGAACCAGGCACTGCGGGTTTGTGCTCCTCTGCAGAT  
GCTTTTGTGTTTGCACCTTGACTGGCATGGAAGTCTGTCTGCACAGAGCAGTGGCCGGCCGCGTCCCCCG  
GTGGGTGGGCGTAGCCAGAAAGCGCACAGCAGCCCTCCCTGAGGCCCTCAGCAGTGCCTGTGTGGGAGG  
CCGCTGAATTGTGCACCATGTGTAGTTTGGAAAACCCGAAGACATACCTCAGGGAAAGCCCTTGGTTG  
AGGTGTCTTCTGGAGTGCAGGGTCCACTCCTGAGTGTCTCGCCCTTGTGTTGCTCATTGGTATAAAT  
A

>GBEQ1303 |Acc|CD465731|Ver|CD465731.1 GI:31386999|LeukoN1\_7\_A12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:428

GAGTCCAGATTGGACGAGAGACTCTTTCAGGGTTAACTTCAGGGGCTCCCCAAGCGACAAGGACGCGAGG  
GAGAGAGGCAAGGGGTGCAGGATGGGATTTAGGGAGAACTGGGAGCAGCTTCCTCACTTTGAGGACAGTT  
TTCTGCCGCCAGCGAGGACCTTGGCCGTGTGCGGAGCGGCAGCCGCGCCCTCCTGGGACCAGAGCATCTG  
CGGGTCTCATCTAGGTTTGGCCACGCATTCAAAGGATTTTTTTTTTTCTCAAAGAAAGATGAGATT  
GGCTTGGTTCTTCATGAGCACATTTTATATTGTTTTGTTCTTTTTTCCGGGCTCATTTCAATTTGGGGGG  
AGGAGGTCTGTGCTGATTGGGGTTGCAACGAACATCTGCACTCAAACAGTTTACAGAAATAAATGTTGT  
TTTTTTTC

>GBEQ1304 |Acc|CD465730|Ver|CD465730.1 GI:31386998|LeukoN1\_7\_A05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_A05\_A023 3', mRNA  
sequence.:Start:1:Stop:462

ACTCTCCCGTTGCCCTTGTGTGGCCACAGGATGGAAATCCGCAGGCGTTCTGTCTCAGACACCTAATCTCTC  
TCCTCCTTTTCTTGTCTACTCAGAGACAGCCTGCCACCCCTTGGGGGAAGAGACCCTGCAAGATGCAAGC  
CTTCAGAATCTGGGATGTTAACCAGAAGACCTTCTACATGAGGAATAACCAACTAGTTGCTGGATACTTG  
CAAGAATCAAATACTAAATTACAAGAGAAGATAGATGTGGCTCCTCCAAGGCCTTCTCTGATCTCCCGGG  
AGGAATGAATCGCTCCTTGACCATTTTAGCACTTCTGACGCTCTGAAACTTGTGTTGAAAGGTGGTTATGC  
CTCTGTCTGTCTCCTGCCCCAAACTGTGAGCTCCTGGAAGCAGGGAACATGACTGGCATGTGTCTCAGCT  
TCCCCCAGGGCCCAAGCACATGGCCTGTTTTACAATAAAACCT

>GBEQ1305 |Acc|CD465729|Ver|CD465729.1 GI:31386997|LeukoN1\_7\_H11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:407

CTTCAAAGTCAAAAAAGAAGACTTCAAGGAACAGCAGAAAGAAAGCATCCTGGAAAAGTATGGCGGCCAA  
GAACACCTGGATGCCCTCCAGCTGAGTTGCTTTTAGCTCAGACCGAAGACTATGTGGAGTACTCAAGAC  
ATGGGACAGTCACTCAAAGGACAGGAGCGGGCCGTGCTCTAAGTATGAGGAGGATGTGAAGATCCA  
CAATCACACGCATATCTGGGGATCTTACTGGAAGAAGGCCGATGGGGATACAAATGCTGTCACTCTTTT  
TTCAAGTATTCTTATGTACTGGAGAAGCTGGGAAGGAGATTGCTAATTCAAGAGGAATGTCTTGTAATG  
ATATCACTGGAGAAGAATCGGTGAAAAAACCTCAAACCTCATGGAGATGCATCAGG

>GBEQ1306 |Acc|CD465723|Ver|CD465723.1 GI:31386991|LeukoN1\_7\_F07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F07\_A023 3', mRNA  
sequence.:Start:1:Stop:620

GCATCAAATATGGCAAGATTTGACGGGCTAGAATACGGTTCGCAGATGTGACATTGATGTGTCTACTGAAG  
CCATGTATGCTGCAACCAGGCGAGAAGGGTTAATGATGTGGTGAGAGGAAGAATTCTCTCAGGAAACTT  
TTCTCTACTAAAAGAAAACATATGAGAATTACTTTGTCAAAGCACAGAAAGTGAGACGGCTGATTGCTAAT  
GATTTTGTGACTGTGTTAACTCTGGAGTGGATGTCTTGCTAACTCCCACCACGCTGAGTGAGGCAGTAC  
CATACACGGAGTTCACTAAGGAAGACAACAGGACACGAAGTGCCAGGATGACATTTTACACAGGCTGC  
AAATATGGCGGGATTGCCAGCTGTGAGTGTCCCTATGGCCCTCTCTAACCAAGGGTTGCCAATAGGACTA  
CAGTTTATGGGATGCAATTTGTGACAGGAGCTTCTTACAATTGCCAAATGGTTTGAAAAACAAGTAC  
AGTTTCTGTATTCAACTTCAAGAACTAATGGATGATTGTTTCATCAGTCTTTGAAATGAAAAGTTAGC  
CTCTGTTTCTCTAAACAGTAGTGATAAATATGTCATGCAAAATTAATGACTTTAAAGA

>GBEQ1307 |Acc|CD465715|Ver|CD465715.1 GI:31386983|LeukoN1\_7\_F06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F06\_A023 3', mRNA  
sequence.:Start:1:Stop:560

CCCGGCAGATTCCGCGCAAATTCATAAACGACTATTATGAGACCAGCAGCCAGTGCTCCAAGCCAGCCAT  
CATCTTCCAAACCAAAAGAAGCCGGCAGGTCTGTGCCGACCCAGTGAGGCCTGGGTCCAGGAGTACGTG  
ACCGACTGGAGCTGAGCGCCTGAGTGGCCAGTGACCTCGGCAGGCTGCCTGGAGCACAGGGCTGGGCCCT  
TAGAAACAGCCTCGTAACCTCCACTGCTACCTCTCCCGTGGCTGCCTGCTGCCAACAACCACACTCTGGG  
ACTCTTCTGTCTTACATTTCCACTTATTTATACTATTTAATTGTTGTAATTTATTTTCAATGTACACT  
GTATTTGGAGCTGGCTCCAAGAGATCCTAAGACCCCTCCTTCACTGCCCTTCTCTTCCCCCTTCACTTGC  
ACTGTGATTGGTGACATTTGAGTGACTGTCTCATGATTTGTTCTTAGGCAGAGGTGGCACCAGGACAGG  
GCTGACAAATGTGTATTTCGATGTTTCTGTCCGGGGCTGCGTTTCAGCCCGGAGAAATAATAAAGATGGTCT

>GBEQ1308 |Acc|CD465641|Ver|CD465641.1 GI:31386909|LeukoN1\_6\_E04.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_E04\_A023 3', mRNA  
sequence.:Start:1:Stop:584

AAGACTGACTGAGCATGTGCAGGATAAAAGCAAGCTACCCATCCTCATCTTCCAGAGGGAACCTGCATC  
AATAATACATCGGTGATGATGTTCAAAGGGAAGTTTTGAAATTGGAGCCACCGTTTACTCTGTTGCTA  
TCAAGTATGACCTCAGTTTGGTGTGCTTCTGGAACAGCAGCAAATATGGGATGGTGACATACCTGCT  
GAGAATGATGACCAGCTGGGCTGCTGCAAGTGTGTTGGTACCTGCCTCCCATGACCAGAGAGACAGAT  
GAGGATGCCGTCCAGTTTGCCAATAGGGTGAAGCGGGCCATCGCCAGGCAGGGGGGACTCGTGGAACCTGC



TGTGGTGAGTCCGAGCCAGCCTGCGCCCGCTGAGTCTGGGAACACGAACTTCCGGAGCAAGCGCTGAAGG  
CTTGACTCCATTTACAAAGACGACTCCTCTCTCTTCTGGTGTGGAGGATTGAGCCTCCCAGCTCTGGAG  
AGTGAGCACTTTGACTCCTTTCTCCTGGTTCCAGCTCGGAAGTGCCCCATGTTACGTATTGACCTTGAGG  
AACATGGAGCCCAGCAGGCTTCAA  
>GBEQ1309 |Acc|CD465632|Ver|CD465632.1 GI:31386900|LeukoN1\_6\_G07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G07\_A023 3', mRNA  
sequence.:Start:1:Stop:538  
AAAAATAGGCGGACTATTTAATGCAATACCCTTCACCACCACATCTCTAATTATTGGCAGCCTTGCACTC  
ACCGGAATTCCTTTCTCACAGGCTTCTACTCCAAAGACCTCATCATCGAAACCGCCAACACATCGTACA  
CCAACGCCTGAGCCCTACTAATACTCTCATTGCCACATCCCTCACAGCTGTCTACAGTACCCGAATCAT  
CTTCTTTGCACTCCTAGGGCAACCCCGCTTCTCCCTCTGACCTCAATCAACGAAAATAACCCCTTTCTA  
ATTAACCTCATCAAACGCCTCTTAATTGGCAGCATTTTGGCCGATTCTTCATCTCCAACAATATCTACC  
CCACAACCGTCCAGAAATAACCATACTACTTACATAAACTCACCAGCCCTCGCAGTAACCATCTAGG  
ATTTACACTAGCCCTAGAACTAAGCTTGATAACCCATAACTTAAACTAGAACACTCCACCAACGTATTC  
AAATTCTCCAACCTCTAGGATACTACCCAACAATTATACACCGACTC  
>GBEQ1310 |Acc|CD465628|Ver|CD465628.1 GI:31386896|LeukoN1\_6\_F11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_F11\_A023 3', mRNA  
sequence.:Start:1:Stop:686  
AGAAAAGCTGAAGACAGTTACCAAAAAGTGTGGGCATGAAAGTACTTGATGAACTTGACAAAGAAAAGC  
TGCAAAAGATACATTTCTACTATGGCCAATTTCAAGGAATTTCAAGGAAATCTGAAGTCCGTGCAATTTAT  
CCATTATTTAAAAGCAGTAAAACTGAAAAGGCATCATTTGCAAGAGAGAAAAGTATCAGTTCTTTGGAG  
AAGCTGGCTTTAAAGAACTTAAGAGAAATGCATTAGACATAGAAACCTTGAGCATCCTCGGGTTCATTC  
ACAAAGTGAAAGGAGAAATGAATAAAGCCCTGGAGTATTATGAGCAGGCCCTGAGGCTGGTTGCTGACTT  
TGAGAACTCTTTGGAATATGTCCCTAGACAATGAAATATGGACTACCTTACTATTTAGTCTGATTTTAT  
GTTAACATGTACTAATCATCTTACCTGCTTGCTGCTTTTCAAGACATATTATGTAATTCACTCTAATGATG  
TAATTTTTGAACACTTACAACCCCTGGTAAATAGTAGTTGCATTCGAAAATAGTGAAACAGAAATATATAT  
GTCTTTGTGTGGAGAGAGAAAGGAACAGAGAGAGAAAGTGAATCATTTCTCTGTGTATGCTAAATAGT  
AGAAAAAACAGTTTGTGAGTAGATTGTCAGCAAATAAAACAATGAACCTTCATAA  
>GBEQ1311 |Acc|CD465624|Ver|CD465624.1 GI:31386892|LeukoN1\_6\_B10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_B10\_A023 3', mRNA  
sequence.:Start:1:Stop:582  
GATGCAGGGCCCACTCAAGGCCTCCTGTCTGTACGGGCAGCTCCCCAAGTTCCAGGACGGAGACCTCACC  
GTGTACCAGTCCCAATGCCATCCTGAGACACCTGGGCGGCTCCCTCGGGCTGTATGGGAAGGACCAGCGGG  
AGGCGGCGCTGGTGGACATGGTGAATGACGGCGTGGAGGACCTCCGCTGCAAATACGTGACTCTCATCTA  
CACCAACTATGAGGCCGGCAAGGAGGACTATGTGAAAGCACTGCCCCGGGCACCTGAAGCCTTTTGAGACC  
CTGCTGTCCCAGAACAGGGGGCTCAGGCTTTCATTGTGGGCAACCAGATCTCCCTTCCGACTACAACC  
TGCTGGACTTGTGCTGATCCACAGGTTCTGGCCCCAGCTGCCTGGACTCTTTCCCCCTGCTCTCGGC  
CTACGTGGCAGCCTCAGCGCCCGCCCCAAGCTCAAGGCATTCTGGCCTCCCCGAGCACGTGAACCTG  
CCCATCAATGGCAATGGGAAACAGTGAGGGCTTGTGGTGCCCTGGGCAGGAGGCAGGGGCTGTCTACTTC  
CCTTTCCAATAAAATTTCCAAG  
>GBEQ1312 |Acc|CD465623|Ver|CD465623.1 GI:31386891|LeukoN1\_6\_C12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_C12\_A023 3', mRNA  
sequence.:Start:1:Stop:603  
TCACAAGGCCGAGATAGAGCAATACTTTGGTAAAGTACAAAATACAAATTCCTCTGGCAAAATGGAGAT  
GTGTGGGAAAAAAGAGTGAAGACCTCCTGTGCCGTCTAACTGGTCAAGCTGAAGGCAAGCGAATCT  
CTATAGAATATGGAACAAAGGAAAAAATAAAAAATACCAGTGATATCTGTTTATTCAGGTCCACTCCAAAG  
TGGTAGAAACATAGAAAGAGTATCCTTCTATCTAGGATTCTCCATGGAAGGCCCTCTGGCATATGATATA  
GAAGTAATTTAAGAAGAGAGATTAACGCAAAATATGTTTATTCATATCTCTCTGATTTTGTTCCTTTTC  
TCTATTCTATGGCATTTTGATAACGTTATTGGCTTACCTCTAATCCCAGATTTTGTCTTTGTTTCCCCA  
GATGAATTATAAGCCTTTTATAGGCGAGGAAATGTCTCCATACGCAGAGCTTGAACACAGTAGAGTCAAT  
TGTTGAATGTTTTAAGTATGCATTTTTCAGACTAACATTTAATTAAGTTTCAATTGGTATCCACTGTT  
CACATCATATCTGGTTGTAAGTCAATAAAATCTGTTTAAATTG  
>GBEQ1313 |Acc|CD465621|Ver|CD465621.1 GI:31386889|LeukoN1\_6\_D07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:564  
CTTAGTAAATACAGTCAAAATAATTCTAAATCCTTGGATATTTTTTAAAGGTCTGTAAGTAACTTTGCAT  
AAAAATAATGAATAATTTTAAATTTCAAACCTCTCATTTCTGTTTGTAAATTTGCCCAAAGGAAAGTG

TGTTTTTAAAGGAAAGTGACAGTAGAAAAGCCCACTCGTGGCTTGTGTGAAATGGAGACAACATCTTTA  
AACAGTATTTTTACATTGCCTGTGTATGTGTATGAAACAAAACCATTTGAAATGTGCCTGTGTACATAAC  
TCTGTAAAGCCACTGAAAAATTATACTAACTTATTTATGTTAAAAAGAGATTTTTTTTTTTTTTAATTTA  
GACAATATCCAAGCCAAAGTGGCATGTTTGTGCATTTGTAAATGCTGTATTGGGTAGAATAGGTTTTTT  
TCCCTTCTTGTTAAGTAATATGGCTATGCTTAAAGGTTGCATACTAGCCAAGTATAATTTTTTGTAAAT  
GTGTGAAAAAGATGCCAATTATTGTTCCCATATAAGCAATCAATAAAGAAAACCTCCATAGCTTTCAAAA  
AAAA

>GBEQ1314 |Acc|CD465619|Ver|CD465619.1 GI:31386887|LeukoN1\_6\_A08.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A08\_A023 3', mRNA  
sequence.:Start:1:Stop:575

CTAGAGAGAACCTTGGTCTGCATAGTAGTAATCCTTTTTCTGGAATGGAACCCCTTGCTATATTGGTGACAGG  
AGTTAGTGACAAAGTCAAAGGAGGAAAATTAGGAGGGAGATCTTTTCAGGCAGCATGAATAAAGAACCCTC  
CTATCTTTTTGGCAGAAGCTCATCTAGATTGTGGTAGATTCCAAGTTAAGAATCTAGAAATATGGAAAGAT  
TTCATTACAAGGCCCTGAACATGGACTGTCCCAAACCTCTGTATCCCCCGTTGAGCTCTCATTCTAGACT  
GCTTTGAAAACCTCATATTCCCTTTGTTAACGTAATATTTGGGGACCCTGCTTCTTGCTGTTCTTTTCT  
TCAAGTCTTTGATAGACATGTCTCTAGCATGTATTTTCTTACCACCCGGTTTTTAAACACACACACAAC  
CCTAGAGAGTCTGAAGAACAGTCTTACTTTGTTACTAGTAATGTGTTTTTAGTTAGTCTTTAGCACAAAA  
CTACCCCGGATTGTGTTAGATTTAAAAATTAGTAGATTAATTTCTCTCTGTTGTATTGCTTTTATTATTG  
AAAATAAATAGAACT

>GBEQ1315 |Acc|CD465615|Ver|CD465615.1 GI:31386883|LeukoN1\_6\_C11.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_C11\_A023 3', mRNA  
sequence.:Start:1:Stop:598

CGCCAAGAATGATCATTCCTTCTTCAAAATAAATTACCTCACCTTCCTCCCTCTGCTGATGATATTTAT  
GACTGCAAGGTGGAGCACTGGGGCCTGGATGAGCCACTTCTGAAACACTGGGAACCTGAGATTCCAACCC  
CTATGTCAGAGCTGACAGAGACAGTGGTCTGTGCCCTGGGGTTGGCTGTGGGCCCTCGTGGGAATTGTGGT  
GGGTACTGTCTTCATATCAAGGCCCTGCGTTTCAAGGTGATGCCCTCCAGACACCAAGGGCCCTTGTGAGTC  
ATATCCTAGAAGGGAAGGTGCATTGCCATCTGTGACAGCAGAAGAGTGGACATACTAGATGACCTAGCA  
CTGTTTTCTAGCCCAAGTTCATCATATTCTTCTCTCTCTCTATGTTCTCTCTTACTTTTTCTCTGAGA  
CAAGGTACTGTATTCTCTCAGTGCTCACATACACTTAGAATCTCTCCCCCTGACCTCTAAATGTTTCTC  
TTTTCTCAATTGTTACCTATTATGGGAACCCCTGGAGTATCCCACCCAGCTACCTAATCCTTCAGTGACCC  
TGAATAATATGTTCCATGGAAGCAATAAATCCGCCTTT

>GBEQ1316 |Acc|CD465609|Ver|CD465609.1 GI:31386877|LeukoN1\_6\_F02.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_F02\_A023 3', mRNA  
sequence.:Start:1:Stop:536

CCCCCCCAGAACCAACCCCCCAAAACAACCCGGGAGACCATCGGGGGCAGAATCATTGGAGAAGACTGAA  
GACAAGAAGAGGGGAGCGCACCGGGGGCGGTGAGCCTGTAGCTGCGCCAGCGGGGCCACAGAGAGAGAG  
AGGAGAAGAGGGGGACCCAGGCCAGCGGGAGAGGGGACCCGGAGCTCAGGCCTTGCACAGAGCAGAAG  
CTGGAGTGGAGAGCCTGGCTTCACACTGCGGGGCTCGGGGGAGCCTGACTGCATCCCCCCCCAGCCTTC  
CTGGAACCTGGAGCTGACACCTGCGAACCGGCCCTGTTGACCGAGGGTCTTGACCCCTCGCCGGACCGTAC  
TTTTGAGACTTGGGAGCTGGGGCTGATGTTACTCGGTACCCACGAACTCCAGTTTGCAAACCTGAATAGA  
CAATCGATTTTGTAACTTGCACCTGGTTTGTCTTGAACCACTGAAAAAGAGAGGGGAAGCTCACAGATA  
CGTCTATTTTTTGTCTTATGATGGCCTTGAATAAATTTCTAAAGC

>GBEQ1317 |Acc|CD465608|Ver|CD465608.1 GI:31386876|LeukoN1\_6\_G04.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G04\_A023 3', mRNA  
sequence.:Start:1:Stop:477

GGGGCATCGGCCAGCTACCCCTTGTGGGCAAAGGCAGCGCCATTTTGTGGTCCCTCCCGCAGTTTCCATC  
GTGTGGCCTGTGGTGGGTGGGGAGTCTTTNACCAAGATGTCCCACTNTGCCCTCCCCCTCAGCC  
ACTTACCCCAACCCAAACACTCAGCTTGTGTGTACAGGCCAGTGAGGGGAGGGGAGTGGCCCCCCC  
AGTGTGGTGGAGAGCAGCATGGGGAGGGGTCTCTGTACCATGGTCCCTTTGGGCCAGCGGGTGGCAGC  
AGTACTTCAGCTTTTCATCTCCCTCAGGGGAGGGCAGTGGGGGGCCAGGGTCTCTCGGGTGTGAGGG  
AAGGGCTCCGAGGGTCTGTAGCGCCTCCCGCCTCTGACAGTGTGTCCAGCACTCAGATTGTTGTAACT  
GTCGTTGTTTTGTATAAGCGAAATGCTTTACTTAAACAGATTTAATAGTTAAAAAA

>GBEQ1318 |Acc|CD465538|Ver|CD465538.1 GI:31386806|LeukoN1\_5\_F05.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_F05\_A023 3', mRNA  
sequence.:Start:1:Stop:689

GATGATCAGCACAAAGGGCAGCCAGTGGGCTCTACCGAGCGATAACAGAGACACATGCTTTCTACAGGTGT  
GACACGGTGACCAGTGCCGTCATGATGCAGTACAGCCGAGACTTGAAGGGCCACTTGGCATCTCTGTTTC



TGAATGAAAACATTAACTCGGCAAGAAGTACGTCTTCGATATTAAAGAACGTCAAAGGAGGTCTACGA  
CCATGCCAGGAGGGCCCTGTACAACGCCGGTGTGGTGGACCTCGTTTTCCAGAAGTGAGCACAGCCCTCCG  
AACTCCCCCTCTGAAGTCTTCGGAGAGCAGCACAAACTGCAGGAGCTGCGAGGGCCTCAGCTGCCAGCAGA  
GCAGGGTGTGTCAGGAGAAGCTGCGCAAGCTGAAGGAAGCCATGCTGTGCATGGTGTGCTGCGCCCAAGGA  
GATCAACTCCACCTTCTGTCCCTGCGGCCACACCGTGTGCTGCGAGAGCTGCGCCGCCAGCTCCAGTCG  
TGTCCGGTCTGCAGGTGCGGGTGGACCATGTTTCAGCACGTCTATCTTCCAACGCACACCAGCCTTCTCA  
ACCTCACTGTCTGATCTGCTGTGTGCTTACTGGACATGCCCTGTTTCCATGAAGTGCAGTGTCTACGA  
ACTGTAAAAAGGATAGATGTGGAGAAAATAAATACTCCACACCATCTGCCATGCAACG

>GBEQ1319 |Acc|CD465525|Ver|CD465525.1 GI:31386793|LeukoN1\_5\_E09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_E09\_A023 3', mRNA  
sequence.:Start:1:Stop:623

GCATCTCTTTTGTCCCTGGTCATCTGGCTGGCCATTGTGGCTGCTGCATCATACTTCTTATTCATGGATTTC  
CACCAACATAGTGCCCAACAAGGCTGGCTCAGGCAACATCACTCGCTGCTTTGAGCATTATGAGAAAGGC  
AGTGTGCCAGTCCCTCATCATCCACATCTTCTGCTGTTTCAGCTTCTTTCCTTGTCTTCTTATCATCTCTCG  
TCTGCAACTTGGCCACCTGCATGAGTGTATTAGAGAAAATGGCTCGACTCAGAGAGAAGATGGAGATGTG  
CAGAGCAAAATCAGAGACCAGAGGGAGACCCAGGAGCCTGGAGAGGCCAGGGGGAGGCGCTTCCCGGAGC  
CTGCCGGCGCTCCTCTCTGGGCCAAACCCTTCTCGAGCCTCAAAGTCCGCCCTCCTTCTTGTAGTCTCT  
GTGAGATGCCCTTGTAGGATGCATCTCTTGTGTTTGTGCTGAGCTGATTTGAAGTATATCTATTACTTG  
CAACCAAAAGAGCTCTGAATAAGATAAAATCTTGTGCTAAAGCACAGTGTCTCTCGAATTTCCGTCATC  
CCTGTACCTCCTCACAATTTTTTGCATATCTATGTACCATCTGTATGTTTACTTAATAAATAT

>GBEQ1320 |Acc|CD465522|Ver|CD465522.1 GI:31386790|LeukoN1\_5\_G05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_G05\_A023 3', mRNA  
sequence.:Start:1:Stop:593

TCGGTGTCTTTTCTCACAAGCAAAATGGTGGCGCCTATGTTTACATTGTATCTTCCGCAATGTACTTGG  
GCTTGACAAAGACAAGCAGGCTTCTCTTTTGAGACTTAGTATATTTTATGTTTTCATAGACACTTATTTA  
ATCTTTTTTTTATTGTACAGCAAGGTGCTCTAAGTAATATTTCTATAAAATATATTTAATAGAAATTTGAGT  
TTGATATTTCATGGACATGAATACATGTATTTTTTTAAGAAATAAGTATTGTGTAACTATGACATTGCT  
TCTATAGCCAAAGTCTAAAAACTTCTGGAATACTGACATGTAAAGACTACAGTTAATTCTGACACTGTAT  
CTAATGGAACCTCGGATGGTTTGCATTTTTGTAATAATACCCTGCACCTGGAGCTGCATGCCTTAAGCCTGA  
AACCTGGGCGCTGCTCGCAGTGGACAGTCTGTTCCCCACACAGGAAGCGGGGTCCACAGCGCTTCTCTGA  
CTACCTTTGGAAGGACTGTACAATGTTAGAATAATTTATTTTGTCTTTACAGGAGTTTGTCTATGCATTGAC  
TTTAATATTGTATTTTGGTAATAAATTTTTTGT

>GBEQ1321 |Acc|CD465511|Ver|CD465511.1 GI:31386779|LeukoN1\_5\_G10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_G10\_A023 3', mRNA  
sequence.:Start:1:Stop:661

TATGGGCTGAAGAGCTGCAGTGACGAAGAGGTGATGGCTGCTGCCAGGCTGCCAAAGCGGATGAGTTCA  
TCAAAGAAATGGAGCATGGACTACAAACAGATGTAGGGGAGAAAGGAAGCCAGTTGGCTGTGGGACAGAA  
ACAATGTCTGGCCATTGCTCGGGCCCTTGTGCGGAACCCACGAGTCTCATCCTGGATGAAGCCACCAGT  
GCCCTGGACGTCCAGTGTGAGCAGGCTCTGCAGGACTGGATATCCCGTGGGGACCGAACGGTGTGGTGA  
TCGCTCACAGGCTGCAGACGGTTCAGAACGCTGACCAGATCCTGGTGTGCTCAGGCAAGGAGAGCTGGTGGA  
TCATGCCAGCTCATGGAGGGGGAGGACCTCTATTTCCCGCTGGTGCAGCAGTGTCTGGAGGACTGAGGC  
CGCAGGGACACTGGGCCCTTCTCATGGCTGTCTTCATGACCTGGAGTAGCTCCTGCTTTGAGTTTCCCTG  
GGGCTGTTCCCTGGGTAGTTTTTCTGGAGTTGGAGACATGATGGAGATTGGACCATGTGTGCTTTCA  
TTGGAGCTGGGAGTTGGAGGGCGGGAGTGTCCATGTGTCCATGAACCTTATTTCTTGATGAATGTGGT  
ACTGAGTAGTATACCTGTGGCATAATAAATAT

>GBEQ1322 |Acc|CD465507|Ver|CD465507.1 GI:31386775|LeukoN1\_5\_H05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H05\_A023 3', mRNA  
sequence.:Start:1:Stop:557

CTTTGCAGACGCCGCCGCCCAAGAGCTGCCCGTGCCGCTTAGCCATGGTTAACCTACCGTGTCTTTCGA  
CATAGCCGTCGACGGCGAGCCCTTGGGCCGCGCTGCTTCGAGCTGTTTGCAGACAAAGTTCCAAAGACA  
GCAGAAAACCTTTCGTGCTCTGAGCACTGGGGAGAAAGGATTTGGTTATAAAGGTTTCTGCTTTCATAGAA  
TTATTCAGGATTATGTGTGTCAGGGTGGTGACTTCACACGCCATAATGGCACTGGCGGCAAGTCCCATCTA  
TGGGGAGAAATTTGATGATGAGAATTTTCATCCTGAAACACACCGGTCTTGGCATCTTGTCCATGGCGAAT  
GCTGGACCCAACACAAATGGTTCCTCAGTTCTTCTGCTGCACTGCCAAGACTGAGTGGTTGGATGGCAAGC  
ATGTGGTCTTTGGCAAGGTGAAAGAGGGCATGAATATCGTGGGAAGCCATGGAGCGCTTTGGGTCCAGGAA  
TGGCAAGACCAGCAAGAAGATCACCATTGCTGACTGTGGACAATCTAATAAATTTGACTTGTCTTA

>GBEQ1323 |Acc|CD465502|Ver|CD465502.1 GI:31386770|LeukoN1\_5\_A12.b1\_A023 Unstimulated

peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:644

ATCTGTGTCTGATGTTAATGCTGACCGAAAGATGGAGGTCTCAAAAAGTCTGATTGCAAATGCAAATGCA  
ACTCCTAAAATCAGTCATCTGTGCTCACAAGTTGCTCCAGGAACATTTGTGAATGGGGTATATCAGGTGC  
ATAAGAAAGAAGTGCAGGAATGAAGTCATATCTTATGGAATACAAGATAGTACAGGGCAGATGGAAGTTAT  
AGTGTATGGACGACTGACCAAAATCAACTGCGAGGAAGGAGATAAACTTCAACTCATCTGCTTTGAATTG  
GCATTAGGTGAGGAAAAGCAGCTGAGATCCGTAATTCACAGTTTCATCAAGGTCATCAAGGCCAGGAAAA  
GCAGGAAACACCACTCAATCCTGATTTCATCTATGCAAACTCACTAGAGTTCTCCTGAAACCTGGATGC  
CATTAATAATGATGTTTCATGTAGATAAGATCTAAGTACAGAAAAATATATATATATATAGTTGAAATAC  
AGCAACATACATACCAGCTATAAATCTTGGAAATGGGGTATTACAAGTGCTTTTCTCTTTTCATTTTTAT  
ATGTCTCTGTACCATCTCAATGTCATATTTTACATCTGTAACATTTATAATTTGGAAATAACTATAACA  
TCATGTTTTTCTCT

>GBEQ1324 |Acc|CD465491|Ver|CD465491.1 GI:31386759|LeukoN1\_5\_B06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_B06\_A023 3', mRNA  
sequence.:Start:1:Stop:673

CATGTTATTGTTACAGCATCGAGTGATGGCTTCATCAAAATGTGGAAGCTCCAACAGGATAAGAAAGTTC  
CCCCGTCTTTACTCTGTGAAGTAAACACGAACTCCAGGCTGACGTGTCTTGGTGTCTGGCTAGACAGAGC  
GACAGATGTAAAGGAAAGCCTGCCTCTGGCTGCACAGCCTTCTCATGTAAGTAAAGAAGAACAGCCCCAA  
ATCAACAGAAAGGAATCTGGCGATGGAGTGCAGGAAGAAGAAAGGCAGTCAGAACCTAACACGAAGAAAC  
GGGGTTCAAGTGGTGACGGTGAGAAGCCTGCAGGAGGAGATAGCCTGGTGTGAGCCAAAGAAGAGGAAAT  
GGCAGGAATGCTGGAAAAAAGAAGAGAAAGAAGAAGAAATATGAATGATGCAGTGATTCCCAGATTTTC  
TCTTGAGAAAAATTTTTAGATGGAATCATTTCTTTGCAAATGTATCTGAATTTTTTTCTTTTTCTAAGT  
GAAAGCTAGGAATTTCTTTCTTTTGGAGAAAATGTACAGCTTAAAAAATCACTTTTAGGGATGTGTGTGT  
ATGTGTTTTTTTAAAGTAAACTGTTTTTGGTAGGCAACATTTTATATATCATGGTGATATATAGTGTGT  
AATGTGTAATATATAATTTTTACTGTTGTATAAAGCAAATAAA

>GBEQ1325 |Acc|CD465490|Ver|CD465490.1 GI:31386758|LeukoN1\_5\_C08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C08\_A023 3', mRNA  
sequence.:Start:1:Stop:476

AGTTCCGCCGCTTGCAGGACCAGCTGGACCACAGAGGGGACCACCCCTGACGCCCGGCAGCCACTATGC  
CTAAGCCCTCCCAAGTGTGGGTACTTCAAAGCTTTGGCCTTACGCCCTTCCCCACGACCTTGTCTCTGCAC  
CAGCCTCAAGGACAGCCTGCACACGGGGCTGGGTTTTTCATCAGAGGGCAGAGTGGAGGGAAGAGGCTTCA  
TTTTTTAAGAGAAATTTACTGCATTTTGAACCTTTCCTTTAAGAGAATAAGCACTTCTGTTTTTCCAGCT  
CCAGGTTACCTCCTGTGAGGAGGCCACCGGTGGGAGCCAGAACGGGGACAAACACTCCCTTTGTCCCTC  
CTCTCCCCCGTGCCAGTGCCACCTGGATGCCTCCTGTCTTCCATTTTGACCCCTCCCTCCCCGTTCA  
GCATCGAGTGTGTGCGTGCGTGTGTGTGTGAACACATAAATATACTCCCAAGG

>GBEQ1326 |Acc|CD465486|Ver|CD465486.1 GI:31386754|LeukoN1\_5\_F06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_F06\_A023 3', mRNA  
sequence.:Start:1:Stop:645

CGATAAATGGTAAGGAGCAGCTGCTGCGCTTGGATAACAAGTAATTCAACGCACGCATGTAACAAACAGA  
AGTGTTAACATAACAAGCACCATTGAGGATTAACAGGAACATTTTTTTGAAGATTTCAAACGAACTCGA  
CTTTCAGTATAACTGTACCTAATCTAAAGTATTTATACACAGCTCGTCGGAGCCCTGTTTGTATAGACT  
TTTGAGTTTATTGTTGGGACCACATAATAGGACCATTTTTTTTTTGTCTTTAAATTTGTTGTAAATCTCTG  
TATGCACTTTGCTTTTTTATTAACGTAATCCAAGGTGGCCGTGACTCTTTCGTACACTAACACCAGCAC  
GGACCTGCTTTTCCATTGTGTTTGAACGTTGAGCCGAGTAGTGTGACGCTGCTGTGACGTTAACATTGCC  
AGAATGAATCTTCCACAAAAATAGTTTCGTTTTTTTTTCAGTATTTAGTAGTGAAAGATATTAATGCATTA  
ATGGTAATACATTTCTGGTTTAATATAAATTGAGGATGTTTTCTAGTTGTGCATGAATGCTGGCAACTTA  
GTAAGTTTTGACAATTTGTTAAATATGTAATGTTAAGCTTAGGTTTAAAAAGTAAAGCTGGTAAACTGG  
GTCTTTGTCAATTAC

>GBEQ1327 |Acc|CD465482|Ver|CD465482.1 GI:31386750|LeukoN1\_5\_H02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H02\_A023 3', mRNA  
sequence.:Start:1:Stop:592

TAATGAAGTCTGTGAAGATCATAATCTGAGTTCAAACAGTCATTTCCACCTCCTCCTGATTCACCTTAAT  
TTGCCCTCGCCATCAGGAGATTTTATGAAAAACCAGGAAGATTACAACAATGAGATCCAGTGTCAAGAGT  
TCTCTATTCCTCCTAATCTGATCAAGATCTCAATGAATCCCTGCCACCTCCACCAGAAGAACTGTTATA  
AATATTACAACCTGCTTTTTTAGCTGATTTTTTCATCCTTCTTAAAGGATTCCATCTTTGTTTTTCTTCA  
TGTGCTGAAATATATTAATAGCAACTGGTAGTCAATTTTGAATTTTATTTCAGGGACTACCTGAAATCTG  
CTCAAAGCCCCATGTGCATAGGTGGAACCTATTTTTTAAAAAATTATATAACAGTGATCTATTTACTGGCTA

764

AGACACCCTCATGAGGCTCCAGGTCATCCAGGAGACCTGTGTGCGTCGCAATGACATTAACCGGGCCCTG  
GACGCCACCGAGATTCTGGGCTTCTTCCACAGCTGCCTCAATCCCCTCATCTACGCCTTCATTGGCCAGA  
AGTTTCGCCACGACTGCTCAGGATCATGGCCATCCACGGCTGGTCAGCAAGGAGTTCTTGGCCAAGGA  
CAGCAGGCCTTCCTTTGTGGGCTCTTCTCAGGGAACACTTCTGGGGAAAATGTCGTGATCTGCAGCGTT  
CGCCAAGTTCCCTGGTATAAATGCTGCCACCATGGCCATTTGAAGGGTGGTGGTGTAGTAATCAGCTC  
ACAAAATTTCTAGAGAATGTAATAATCTGCTTTCTAAGCAGATACAAACCGGCTTCAGTGCACCATTGCT  
TAAGAAGAAGTCTGCTGGGGCTGGGGGACTCCTGAGAAATATTCCTGATTAAAAAGAGAGAGACACAC  
ACATATATTCCTGGTCCCTGCCTTTGAATATTGTTATAGGATGTGATATGTGGAGCTGAGGCAGCCACTT  
TGTGACAATGAGGCTGATAGAGCCAAAGGATGAAAAGAACTTGAGAATAAAGAGCCAGAAATAAAC  
>GBEQ1334 |Acc|CD465416|Ver|CD465416.1 GI:31386684|LeukoN1\_4\_B12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B12\_A023 3', mRNA  
sequence.:Start:1:Stop:715  
CATGGCCTTTCTCTGCTCTAGCCGGGAGCACAGGGGAGCAAGCACCCAGCTGTGGAGAGCCTTGGT  
GCTGGAGGAGCTGAGTCCCGCCCTGCGCAGCACCAGCTTCTCCTGTGTTTTACGGATCCTGAGCAAAC  
GTCCAGCGTCACGTGTCTGGCCAGCTCTGGGTGAGGAACCTGAGGAAAGGTTTCCAGGGACAGGAGG  
AGCTCTGCTCCAGCGTGGGAAGAAAAGGTGGGCTCTGCCAGAGCAGGCTCCAGCTAATGCCACCATT  
CCCCAAGTCCCCAAGCTGAGGTGGAACTAAAAGGAACCTCAGGACAGACAGGGGAGCATAGCCAGGAGG  
AAAGTGACAAGAGATGTCTCTTCCCTCTTGGCCCTGATCCTGTTTGCCTTCACTTCCCGAGGCTGGGCT  
GAGGACAGTCATGTCCCCGACTCAAGAAGCCCCACCTTCCAGCGGGTCCCCCTCTTCTCACCATCCTGAC  
AGGTGAACCTCTGAAGCCTGGTTGAAACGCCACCTCTTCAATCAAGGTCTACGCTCTCAGGCTGTGTTCTGC  
ATCGACTTAATGTGTGTTTGCCTTCTGTTTCTCTAATGGACTGTCCAGGGGAGGGATGCAGGC  
AGAGGCTGACTTCTGATCCACGGCTGTATCACTGTCTATCCAGCAAGGCCACAATGGGCACTCATAA  
TGATTTTCAAGGAAA  
>GBEQ1335 |Acc|CD465410|Ver|CD465410.1 GI:31386678|LeukoN1\_4\_C06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_C06\_A023 3', mRNA  
sequence.:Start:1:Stop:508  
CTGCTGCCCTAGTCTTGCCAGGCCCCCACTAGTTGGAATAGCCATCCCACGGCCATGCCACAGGGATAG  
ATGGACATATGTTGATCTGGTTTTACAGGTCACTAAAAATTCACTGTTACTAGGGTCAGAGATTGGGGAT  
CAAAGGTCAGAAGACATAAGCCAGGTCTGCCAGTCCCCATCCCAATCCTGCTAAGGAGCCTTCTCCCA  
GAATTTATGTTTTCTTATTCTGGAGAGGGGACTTCCCTTCTTCTATTTTGCTAAGGGTGTATTATTTGGT  
TGAAGTTACTTTTTGTCTGAGCCAGGATTGTCCAGTTGCTGAAATGTAATACTTATGTATTAGGCGGAG  
GGGAGCTCCAACGTGTCTCCTCTCCTTCTCCCTCTGCTGGGTTATTTAAAAAGCCATGTGTGGAAA  
CTCACTATTTAATAAATGTAATAGAATCAGAAGCGACTGGCCATTTGTAGATGCAGCAAGGAAACCCACT  
ATTTAATAAACGTAATAG  
>GBEQ1336 |Acc|CD465406|Ver|CD465406.1 GI:31386674|LeukoN1\_4\_G07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G07\_A023 3', mRNA  
sequence.:Start:1:Stop:647  
GTGCCAGAGAATCTGAAAGTGGCAACGAAGATGACAGAGGGCTCAGGATTTTTTTTTTTTGGAAAGAGTAA  
AAGTACTGATGCTTCTGATACTGGATTTTCAGCTTCTTGTACTCATTCGAAATAAAGCAAAAAATAAAA  
CAATAAGCTTTACATTTCCATACTCTCCGTAGAGTCAAGAAATTATACCATGTATCACCTATGGCCATC  
TTTCCAGTTAAATCAGTGTAAAGTAGAGATCGTGTAAACTGAAAAATTCTGCAAGATAACATAACTGAAT  
GTTTTACAGCAGAGCTTGTCACTTTATAAAGGAATAGTATGCTCTATCTAGTTCTGAATGGATGTGGAA  
ATGAAACTAGCACACTTGCACTTTGATTCATGCTTCTTTTTTATGACTATTATAGTTTTGTCTTTGAC  
AGATGTTGAAGTTTTTCTTATTGTTGAATTCATGATCATGGTCACCTTTTCTTTGCTTATTCAGAATA  
TTCTTTTTCAGCACCTTCTTTACTTTATTGTACATTGTGCTTGTGTTGAGCTGTTGCTGCTTTTTTA  
TTTTGTTTACAGAATGATTTTTAAACTGTCAAATGAAGTAGTATTAACCTCAAATAGGATAAATGTGAAC  
AAATAAAATACGTCAGA  
>GBEQ1337 |Acc|CD465403|Ver|CD465403.1 GI:31386671|LeukoN1\_4\_F04.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F04\_A023 3', mRNA  
sequence.:Start:1:Stop:135  
GGGGGGGGGCTTCCAGCATGGGGGCAAACCTTCAATCAGGGCAAGATTTTCAAGGGAACATTTTTTGC  
CCCCGCCAGGTGCCTGCCCTGCCCTCAGGGAGAGGGGGGCTATTAAAGGAACTGACCCTG  
>GBEQ1338 |Acc|CD465402|Ver|CD465402.1 GI:31386670|LeukoN1\_4\_G06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_G06\_A023 3', mRNA  
sequence.:Start:1:Stop:635  
TGGGCGTCATTGCTGGCTGGTTCTCCTTGGAGCTGTGGGGCTGGAGCTGTGATCTGGAGGAAGAAGCG  
CCCAGTATTACTTGGAGGAACAGGCTTGAGGCCACACAGCCAGAAACAGAATCTACAACCCACCATACG

ACCGTGTCTGTCTCAGAATGGCTCCACATGATTTCTGTACTGCAGAATAAAGCCAAACTC

>GBEQ0973 |Acc|CD468695|Ver|CD468695.1 GI:31389963|LeukoS3\_5\_D02.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_D02\_A025 3', mRNA sequence.:Start:1:Stop:615

ATCCCCCAAACCTGTGAGCTTCATGGTGAAGGAACTGTGTGCCCCAGGATAATGAAGCAGACACCAGA  
GCAGTGTGACTTCAAGGAGAATGGGCTGGTGAAACAGTGTGTGGGACAGTCATCCTGGGCCAGTCAAG  
GACCACTTCGACGTGAGCTGTGGAGAGGGATTCTAATTCGGGCTGAAGTTGAAGCCACCGACGTAGAGT  
AATGAGCTTTGAGCCCATGCTCCTGTCTGGCTTTGCTGGATGGGCTGTGTGACCCTACGAAGCCCTTG  
TCATCTCCAGGCTTCAGTTTCTCCTCAGCTGTTGTACGTATAGGACATCAACTACATGCCCCAAAGGTCACA  
GACAGGGGTGATTTGGGCCCCAGCTCTCCTGGGGCGTCCCTGGAAAGGAGCGTCTAGGTGCGGAGGGGTC  
TTGTCTTGACCTGAGTCCAGCCACCACAAGGAGCTCGTTTCTCCTGGTTGCGAGCCCCAGCGTGTCAAG  
AGATTTGGCCGGTTGGCTAAGAGTTTTTTGAAGAATGCGGATTCTTCTTCTCGACGTAAGATCCTTCTAG  
CCTCCTAGGCTGTGCTTTGCCAAGCTCAGGTGTCTGGACTCTGAAAAATAAATTC

>GBEQ0974 |Acc|CD468694|Ver|CD468694.1 GI:31389962|LeukoS3\_5\_E04.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_E04\_A025 3', mRNA sequence.:Start:1:Stop:620

TCAACAGGCCCTGGAAGAGTTTGGAGAACCCTGGGACCTCAACCCTGGAGATGGTGCCTTTTATGGGCCT  
AAGGCGGGGGCCCTGGAGCATCCAGTCTCATTACCGAGCAGTGTAGGTTCTGTGGAAAGAATGTTGG  
GAATGCTGGCAGAAAGCTGTGGGGGAAAAATGGCCACTGTGGCTGTCCCCATTCCAGGTGGTGGTCAATCCC  
TGTGGGGACTGAGCAAGAGGGATATGCCAGGGAGGCACAGCGGAGCCTGCAGGCTGCAGGACTGGTTTGC  
GACCTCGATGCTGACTCCGGACTGACCCTTAGCCGGAGAGTCCGCGAGGGCTCAGCTCGCCCACTACAACT  
TTCAGTTTGTGGTTGGTGCAGAAAGAGCAGAGTAAGAGAACAGTGAACATTCCGACTCGAGATAATCGTCG  
ACTTGGGGAAATGGGATTTGACTGAAGCTGTGACCGGGCTGCTGGAGCTACAGAACACCCAGGGTGCCAAAT  
GCTGAAGTCCCCCGACCCCTCAGAACTTGTGTGGAGGCATGAATTTGCTGTCTTGGAAAGAGATTTGGT  
TTGGGGGAAGCTGCAGCTGTTTGGATGTGAGGAGAGTGAATCTAAAAATAAATTTGAAGC

>GBEQ0975 |Acc|CD468687|Ver|CD468687.1 GI:31389955|LeukoS3\_5\_G07.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_G07\_A025 3', mRNA sequence.:Start:1:Stop:657

ACTTTTCATCTAAGTCATTCCTTAGGCAAGGGACCTGGAGCTGGCCAGCAACTTCAGCAAGAGGAGTACC  
AACAGCAACAAGCACTCCAGCCTGCGCCAGCGCGGGCCCCGTGCGCCACAGGGGAGAGGAGCCAGTCCGG  
ACGCCCAGCCGGGGAGCGTCGGCAGAGACCGAAGAGTCTGACTGCGTCTCCTGTAGCCTGCTCGG  
TGCCACGCTGCCAGCCCCCTTTTTCAGAGGCGATGGTTATTTGCTTGCTCCCCCAGCTCAACCCCTG  
AGATATGCAGGGTAACTTATTTGTGGACTCTTGGGGATCCAAAGCAGGCAGTAAATGCCGAGGTGAGCCTC  
AGTGACGTCCTTGCCCTCATGTGCTGCCTCCTTCTTCCCCCAATCATCCAGGGCAAAGCTGGGGTTG  
GTGGGGTGAGGATTTCTGATTTCCCAACTCCTCCCCCAGACTAGTCACACTAATATACAGACTCAGGCT  
CCAGGGGGCAGTCCCTGTCTAGAATGCATCTCCCTACTTCCACCCTTGCTGCGCAGATCCTCCTGGC  
TATCCTGCAGGCTGTCTCTGTTTCAGGGTTTGATTTGAGTTCTATATCCATTATTTGTAATGCCTTCC  
TAGGGATTTGGAATAAACTTCTTTC

>GBEQ0976 |Acc|CD468686|Ver|CD468686.1 GI:31389954|LeukoS3\_5\_H09.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H09\_A025 3', mRNA sequence.:Start:1:Stop:704

TAGGCATTCTTTGAAAACAGACCGAAGTATACCTTTATTTACAGAGACTTAGGTTGTGTTCTGTGTTTCT  
GAAATCTCTATGTTTGCATATTTGAAAATAGTGGGATATTTTACATTTATTGGATTGGGAAATTGTTT  
CTTGGGGTCCCACCTCGGTGCCCAATGAGGAAAAGCTTGGTTAGGAGTGGTTTGCTGCCCTCCTCTAAA  
GGCAGTGGCCAGACGGGGGTGAGCAGGATGGGGGGACCGTTTGAAGTTGGACCGAGGAGAAAAAGTTCC  
TGTCAGTTTTCATCCAATCTTAGTTGTTAGAACAAACTTAAACCCCATATCTCAGAAAAATCCTTGTAAG  
TTTTAATGGAACATTTTACACACTTCAAGTCTTGAATGGTGTCTTAAAGTATCAATGTAGCATGTGAAAG  
GCTTTGTACAGACAGGTGAAATTTCTTTCTGAGTGTGAAATGTGATAACAGCACCTTTCATCTTTA  
ACTTGAAATCAAACTATCAGATTTTATTTTCTATAATTTAGGAAGGTGAAGTTAGCAGACTAGAAGAC  
TTCCAAATTGGCTTCTACAGATCCAGTAATTTAAACGCAACCAGTTCATCGGGATTTTATAGCTAAAATT  
GTATTTGTGTCTATAACTTAACATACTGTAAATTTGTAATAAATGTATTTGCAATTATTAATGTTACAT  
GATA

>GBEQ0977 |Acc|CD468682|Ver|CD468682.1 GI:31389950|LeukoS3\_5\_H08.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_5\_H08\_A025 3', mRNA sequence.:Start:1:Stop:625

TAATAGTATTTCTAGAAGACATTTCTTTTAAAGAAAGATTGTATGCCACTTTTGTGTTAAGGACTGTGCTA  
TGATCGCTGCGTTTCAATTTGGTTTATCTTGGCATAGATCCTTCGTTTTTTTTTTCTTTTGTCTTAAAAAT

ACAGATCCCACATAGGAACCACTGCCCCCTGCTGCTGGATGCAGATGTCGCTACTCACACCACTGACACCC  
TTCGTGAAGGACATGGATCCTGCGTCTGGGACTTCTACCGCCACTGCTCCTGGCAACTGGATATTGTTG  
CTGCCACTCATGCCACCCTTGCCAAATGCATTCTGCGCAGTTCAGCCTCTCCATGTCACCACATGCTGA  
GTCAGAGTCTGATGTGGTCTCCTGACTGGCGGAGCCTGAGCTTCATGTTGTGTCCATCTGCGAGAATGTT  
TGGGAAAGTGGGTTTTCTCTTTTATGGAGAGAGGTGGTCTCTGCCTCCTACCAAGACTCTTTAAGTGTG  
GAATTCCTAATGTAGGTGTTTGGGGGTAAAGGATGGAAAAAGAACGACAAATTGTAATTCCTGGAGCA  
AAGATGTAGATGAGACTTTATCTGATACCTTTGTAAGCACCACTTTGGTTGGACAACAAGTGACTAATA  
AATGA

>GBEQ1339 |Acc|CD465399|Ver|CD465399.1 GI:31386667|LeukoN1\_4\_B05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_B05\_A023 3', mRNA  
sequence.:Start:1:Stop:699

CAAGATAATGCACATTTTCAGAGGAAGATCAGGGCTCTTATTGGTGCCGCGCAGTGTTCAGTTAGGCGAG  
AGCGAAGAAGCCTTCAACTTGTGGTTCTCAGTTATCTGGTGCCCTCAAACCATTTCTTGGAAATAATTG  
CTGAAGTGGTTCTTTTAGTGGCTATTATTCTGCTTGTGAAATGTACACTCAAAGAGAAAAGAACGAGCC  
AGATGATGGGAAAGAATTTAAACAAATGGAACAGCTGAAATCAGATGATAGCAATGGTATAGAAAATAAT  
GCCACCAGGCACAGAAAAATGAATCTGTGAGCCAGTGAATGAGAAGCATCATGTCAAGACTCACGGGAA  
GATACAGTTTGTATTTCAGCTTTGTGTATGCTTCCTGTTAAGAACATCTGAGTTTTTTATTTTAAAGG  
ATGGAAAAATTTATGCAACATGCTCAGCAGTAGCTTTGTAATAATCTATGCTATCAGATCTAAAGATATA  
TTTTCATTTCTGTAATTTTACATTAAAGCCAGATAAATTGTATTAAATGTATTCTATGAGCTGCAACC  
CAGGATAATTAATTTTCATCTGATCCTGAAGGGACACAGAGCAGACACCAGCAAAACAGTTACTAGTAC  
ATAGAGCTAATGTCTCTCAAGACCTGTTTATAACCAAAGATTCAATTAAGAGAAAAAAGTTGCCATAAAA

>GBEQ1340 |Acc|CD465387|Ver|CD465387.1 GI:31386655|LeukoN1\_4\_E11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:733

AAGAGCAAGCTGATTGCAGGGAAGATAATCCCAGCCATTGCCACGACCACAGCAGCTGTGGTTGGTCTTG  
TGTGCTCGAGCTCTACAAGTGGTGCAGGGGACCCGACAGCTTGACTCCTACAAGAATGGTTTTCTCTCAA  
CTTGGCCCTGCCCTTCTTTGGCTTCTCTGAACCCCTTGCCGACCCCGTCACCAGTACTATAACCAAGAG  
TGGACGTTGTGGGATCGCTTTGAGGTACAGGGGCTGCAGCCTAATGGTGAAGAGATGACCCTCAAACAGT  
TCCTTGACTTCTTCAAGACAGAGCATAAATTGGAGATCACCATGCTGTCCAGGGTGTGTCTATGCTCTA  
CTCCTTCTTCATGCCAGCCGCAAGCTCAAGGAACGGTTGGACCAGCCGATGACAGAGATCGTAAGCCGT  
GTGTCGAAGCGAAAGCTGGGCCGCCATGTGCGGGCGCTGGTGCTTGAGCTGTGCTGCAACGACGAGAGCG  
GCGAGGATGTTGAGGTCCCCTATGTACGATACACCATTCGCTGACCCCCACCCACTCCTGTAGACTGGCC  
CCAGCCCCACCCACCTCCAGACCCCTTCCAGCCCCAGGGCTCCTATTTGGCCTCTGGCAGTGGCCCAGCTAG  
CCAAGCCTGGTGTTCCTCCTCATCCCCTACGTGAATCCCTCTGGCCGCTGCTTTCTACCTTGTTTGGAG  
CCTGAATCCTAATAAAGAATTTTAACCCAGAA

>GBEQ1341 |Acc|CD465384|Ver|CD465384.1 GI:31386652|LeukoN1\_4\_D11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_D11\_A023 3', mRNA  
sequence.:Start:1:Stop:684

TCCCCAAGAAGGAGAGGCTGGGGAATGTTGCTGGAGGTTCTCAGCCTGCCTCTCCACGGTGGTCTTAAC  
TCCACCTTGGGTACGGTGCCGACATTCAAAAGGTGTTTTGTGTGTAGCCCTGTATGTCTAGTTTTCTTG  
CTTCTCCCTGGCAAGTTTGCCGTCTAGCTTAGGTTGACATTCTGATGAGCTTCTCCTGCTGAGCTCAC  
CAGGTTGGGACAGTGACCTGCAGAGTTGCAGGTTAGGGACAAGTGGACAGAGGAGGAAGCCAGCTTTACA  
GTGCCAATCCATAGGGATTGGCTGTGAATCACTGCCCTGTGGCTGGTAGACCCTGAAAGTGGAGGGGACT  
TGGGCCTGTTTGCAGGAGCCCATGCTCCCCACCTCCCGGGGCCAGTGGCCATCAGTATGGTCCCATT  
GGGAAACTTTTCATGCTCGTGGTTACTCCCCACCTTTCCCCACCCCTCAGCTCAGCCTGGTGCAGAAGG  
TCAGGTTACGTTGGTCTCTTCTATTGTTGTGTGCATACACAGAACAGCTTTCTCCCCATGTTGCCACTG  
CTTTTGGCGCTGGTTGTTTCTCTTGTGCTTTCTTAAATGATTCTATTTCTTGAACGTTTTATGCTT  
CTAATTTTTATTAGGTTATGTTTCTAATTTTTATTCCAAGTGTTTTTTACAAAC

>GBEQ1342 |Acc|CD465378|Ver|CD465378.1 GI:31386646|LeukoN1\_4\_A12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:613

GAGGAACCTATTTTTTTCCCCATTATTGACTCTGGCTTCCATCAGCCAAGCTTACCTTGGTGTGGTTTG  
GATTTGATAGCTAATTAGTTTTGTGCTGGTTGCGAAGAGTTCATATTGAGATAATTTTTAATATTACAGCA  
GATTTGCTTCTTTATATTATATCTTTTTATGTTGCATGTTGCTTTTGGTATCAGCCTGACTCTTTGCC  
CAGTATATGATAGTTCTGCTGATGTTTTATTGTTTTATGTTGTAACATATCTTCATTAAGAGTTTTTGGAA  
AACTCATCAAACTCAGTAAGTTTTCTTCATAATCCATTTGGAATTATTCCTAATAAAATGATAAAATATG  
TAATTGTGTGTCTTATTAGTCTTGAAAATGTTTGAAATAGATTTTCTATTAGCAAAGCTGATTT



ACATATTTTACATACTGTGAACAATAATGCAGATCCCAGAGAGTTTACTAATTGTTTAAATTGGAAATAA  
AATATGGGTTGCTGTGCATGTGTATAACAAAGTGGGGTGCAACTTCAAAAATTTAGTTTTCTTCGATAAAA  
TACCATTTTGATGCTGTACATTTCTAAAGTCAGATCAAGAGTAAAAAGCTGTA  
>GBEQ1343 |Acc|CD465377|Ver|CD465377.1 GI:31386645|LeukoN1\_4\_A05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A05\_A023 3', mRNA  
sequence.:Start:1:Stop:545  
AAAGGGGAAGGAAGCCCTCCATTGCAACCAGATGCACTTTGAACCCTGATTTCTGAGTTCATTGAGAAG  
CCATGGTTGGTGGTCACCTACCTGTGTTCTAAGAAACCACGAAGTTCAACTCCAGCTCTTCAGTTATGAT  
CTTTTCAGGTTGTTTTAGAAATGTGAAACATGCTCTGTGTCCCTCCTTTTCTATAGTGAACACGACCTGCC  
CCTTGTGTGCTAAGTCTCCCATGACCTTGGGCTTTCCTCATAGTTAACATTCTAGTCTTCTCCTTCT  
TTAAGTCCCTGTGGCCCCCTCCAAGATCCTGCCCTTCGTCCCCTTTATTCCTTGTGGTGTATACAGATT  
GATGCATTTATATGACCTTTCCTGATAGAGTGTTCCTTAGCTTTGTCCTTGATGGAGGGGAAATGGGAGG  
GCAAAAGAGTTTAAATTTCTTTATTTTCAGGGTATCAAATTGAATGTATATTTAACAACCTTTGTAAACTGTA  
AAGTGATATGTAATTGTAACTACTGTTAATTTTATCTAATAATTACATATTTCC  
>GBEQ1344 |Acc|CD465375|Ver|CD465375.1 GI:31386643|LeukoN1\_4\_F08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F08\_A023 3', mRNA  
sequence.:Start:1:Stop:600  
TCATTGCTGCCAAGATGCACAAAAAAGGCATGATTAAATCCAGCCACCCCTTACGGGTCCTCACTGCTGT  
TGTGGCTTCTTTCTTTCTCTGTTGGTTCCTTTCAACTGTTTGGCCCTTCTTGGCACAGTCTGGATCAAA  
GAAATATATTTTGAAGGTAAGCACAAAATCATTTATCTCCTTATTAACCTAACGAGCTCCCTGGCCTTCT  
TCAACAGCTGCCTCAACCCAATACTCTATGTCTCGTGGGTCGAGACTTCCGAAAGAACTGATCCACTC  
CCTGCCAGCCAGTCTGGAGAGGGCCCTGAGTGAGGACTCAGCCCAGACCAGTGACACAACAACCAAATCT  
TCTTCATCCCCTGCAGAAGTCCAGTTACAGGCAATGTGAGGAGGTCTGGGGGACATTTTTGAGATCTGCC  
TGCCCTTACCATGCTCCAGTTGCGAGCTTCATTTCCCTTGATCATCCTGAGCCACTCATCTTGAATAAT  
GCTTTGGGGCCCCCTGATGTGGGGGGAAGAAGGACATAAGGGTAGCATTTCTGTCAATTTTGGGGTTTTGG  
ACCTCAGCCTATAACCCGGTGTAAAGCAGAGGTGGGAAAAAT  
>GBEQ1345 |Acc|CD465324|Ver|CD465324.1 GI:31386592|LeukoN1\_3\_H10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H10\_A023 3', mRNA  
sequence.:Start:1:Stop:643  
AGTACTCTTACTTTTTGGTAGTGTGCTGAGTCTGAGTTGATTTAATTATTGAAGAGACTCACAGAGCGGGTGCA  
TTCTAGATATCATTTCTAAAAGATATAATGAATTTCCCATATAATGAATATTATGTATAATTACGTATTG  
CTGCTTGGTTTTCTTTTTTTTTTTTTTCCACTTAGATGGGCATTGTGTTTTAAATAAAATCATTTTTGAAT  
TAAGGCTATAATATTAAGATAGAAATTTGGAGTGTTATTTTGCTTTTCTTGACGCTCAAATTCAGGACTG  
AATTTGAGGTTGAACCTATTCAATAATTGGCAACTTTTAAAGGAGGAATAAGAAATGGAAGGCAGGTGAA  
GATATAAAACCCTAGAAATGCTTAAATGTGCTGTAAACTATTGTAGATGTCACTGGATTTTACCAAGTAA  
TATCCTTTCTTTCTTTTCCATCTACTGTGGCTTTTCCCTTGATCAATAATTTGTTTATAAAAGGAATTTGTTT  
ATTACAGCTCTACCTAGAGCTTGTGTGTATGTGTGGTTTTTTAAATCTCATATCCAGGTGTGTTTTATAT  
AGTAAGATGATGGAACCTGAACCTTTAAAGGCAGTAACCTAATGTCTTTTCTTGAAAAAAATATTTTTCT  
TGAAAAATAGATAT  
>GBEQ1346 |Acc|CD465323|Ver|CD465323.1 GI:31386591|LeukoN1\_3\_G01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G01\_A023 3', mRNA  
sequence.:Start:1:Stop:262  
GGGACCTCACTGACCTGTCTTTGAAACGGAGGCGGTGGCTGCTCTGCATTCCCTGCTTTTGAAACTCAC  
TGCATGTTCTCTCTAGCAGTCCGACGTGCCATTGTTGGGGCCTTTCGGTGTAGCAAGTAGATAATATAA  
GTGATGTTGCAATAAATGTAAATGACCCCACTCTCCCATGCTTAAGGCTACTTTTATGAGTTAGCCAGA  
TGCTTGTGTGCTCCTCAGACCAAACTGATTCATGTACAAATAATAAAATGTTT  
>GBEQ1347 |Acc|CD465311|Ver|CD465311.1 GI:31386579|LeukoN1\_3\_H11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:751  
ATTCTTTTACACAAAAGTGCATATGGGAATCAAGAATCCATGGGCTTAATTTTGTCTTGGAGCACTGGC  
TTACATCATTCACCTCTCTGATTTATGATTTCTTTGTGATTCTCATCTACAGATTATAATGAGACCTTAGC  
AAATGTATGTAAAAATTTTTTACATTTGAATTTAGAGAACTTTGATATAGTAAAACCTCATTAGCTTG  
ATATTTTAAGGAATATTAATAAACCAGCAGTCTTACTGGAGAAATACAAATTGGTCTCCAGCTGCCTTTTG  
ATACATTTTGATGAGAAATGAAGCAAGAGCCATATACATGAGAGAAATGTGCTTTGACACACTAAAGAGAA  
GAGATTTTCAAAATTCACATCTCACCTAGGCTTCAAATCTTTTGGCACAATGTGAATTTGTTTTTCATT  
AACTGAAATTTCTACAGGAGATCTGGTGACCAAGGCAAGTTGTGCTCAATACCCAATGTCAAGC  
TAATAAGGTTCTGTTATAGAGCTGCTTCCCTGCGCTCCCCCGATCTGAAGGAACACATTTTCAGGGT

TTCTAAACACTAAAGAAAATTTTGGCTTAGACCAGTGCTCAGTCTAGTGCCAAACTTCCAATGGAATTTG  
AATCCACATAAGAATTTTATTCACAGAGGCTATGCTAATAGAGTAATCCTTCACTTTTGCTCTATTTAAC  
TGCTCTTAAATTTTCTGTTTCAGACTGCTACATTACTTGATTAAACAATGT  
>GBEQ1348 |Acc|CD465310|Ver|CD465310.1 GI:31386578|LeukoN1\_3\_G02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G02\_A023 3', mRNA  
sequence.:Start:1:Stop:416  
GAAAGAGAGGAATGGAAGTTGGATACACTTTGTGACTTGTATGAGACACTGACGATTACGCAGGCTGTTA  
TATTTCTCAACACAAGACGCAAGGTGGACTGGCTCACTGAGAAAATGCATGCCAGGGACTTCACAGTTTC  
TGCTCTGAAGGAAAGAGATGTTATCATGAGGGAATCCGATCAGGGTCAAGCCGTGTTCTGATCACTACT  
GACTTGTGGCTCGTGGGATTGATGTGCAACAAGTATCATTGGTTATAAACTACGACCTACCTACCAATC  
GTGAAAATTACATTACAGGAGTCGATAGCAGCAGTTGATGACGAGATGGCGCTCAGAAACGGCGTTGAC  
GTAATTTAGGACGTGGAATCATAAGCGAAACAGCACACTGTTTGAATAAAGAGCGAGTCGGTTTTT  
>GBEQ1349 |Acc|CD465296|Ver|CD465296.1 GI:31386564|LeukoN1\_3\_D05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:538  
CAATTTTACAAGTGAACAAGGGGAAAAATTATATCTTATCAAGCATTATCATGATACTGCTGACCAGA  
AGTGACTGCTACACAGCTGTGATTCGTCTATGTAGTTGAAGACTGAGAAAATGCCAGTCCAGTCATACTTG  
ATTGGAATCCCTGTTTCTAATCTATGTGAGGATTGACTATAATACATAAGTATTTTATTATAACTCA  
GCCCATACACATGATGAGGAATAATTATATATGAGCAATTCCTTATCCTTGGTGTTCAGTTTTT  
ATTGTTTTCTTTGCTGTTTTTCTGTTTCTTCTAATGTTATGGTTTTATATTTTGAAAAATGATGCAGA  
TCAAAAGTCTTTATATGGAATAATTTCTTTATTGCTTTATTTTCTTGTAAAGGGCACCATGTTAGTCACT  
TTTGCAATGGTTTTCTTCTCATATAAAATTATATCAATATATGACATATGCTAAATAAATTTCTTGGAGA  
GTGTTAATCTTTTCTGTGACTAAATAGCAATAATAAATGGAATAATGG  
>GBEQ1350 |Acc|CD465291|Ver|CD465291.1 GI:31386559|LeukoN1\_3\_H12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H12\_A023 3', mRNA  
sequence.:Start:1:Stop:705  
CCCCCTAAGTGCATGAGCAATAGCTGTTATCTGTTTAGTACATCATTAGATTTCATGGGATAGAA  
GTAAAGGCAGTGCTCTCAACTGGGCTCTACTCTCTGAAGATAGACAGCTCAGAAGAATTAGAATTTAT  
AGCAAGGCAAGTGTCTTCCCAACCTGATAATTCATTTGGATAGGACTTCTCGCCATCAGAAGGAAGGC  
CCATGGCTCTGGGAGGATGGCTCAATATCTCTTCTAATCTAGAAACAAGCTTCTCAATTCCTAACCCCTGA  
CTAATACACACATGATGAGGAATAATTATATATGAGCAATTTATGAGGAAGTGGCTTACATGATTAT  
GGAGACTGAGAAGTCCACAGTCTGCTGTCTGCAAGTTGGAGACCCAGGAAAGCCTGTGGTGTAAATTTAG  
TCCAAGTATGAAGAAGTGAAGAACAGGGAGCCGATGGTGTAACTCCAGCGCCAGGGAAGGAGGAGATGA  
GACAAGATGAAATGTCTCTGCTCAGGCAGTGAAGCAGAAAAAGGGACAAATTTCTCTTTCTCTCCCTTT  
TTGTTCTGTGTAGCCCTCCGTGGATTGGTTGATGCCACCCACGTTAAGGAGGGCCATCCACTTTACTG  
AGTCCACTGATTCAAACGGCCCACTCGGAAATAATTTTATCTGGCTGTGGCAATAAAGTTTACACATAA  
AATAA  
>GBEQ1351 |Acc|CD465283|Ver|CD465283.1 GI:31386551|LeukoN1\_3\_G12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G12\_A023 3', mRNA  
sequence.:Start:1:Stop:700  
GGATTGGCATAATTTAATAAAATATCTGTTTTTTTTCAGTGGCCCCAAAATACAATGCTTTGATAAACTAC  
ATTGAACCTCAAATTTTCAGATGAGGCAGCATTTCCTTGAGATAATTATCGAAGTTTCTTCTTGTGTAAT  
GATACAAAAATCTCTGAACTAACAGGAAGGTATTTTACATAAAGTGGATAACTTGTGCTATAAATG  
TTACCTCACCTCATTTTATTTTAACTAGTAATTTAAAGTTATTGTAAGTCCCTCGAAATGCTTGTAACTG  
AGAACCAACAGAAAAAGTTAAATTTAGAATAAGAATGATTTCCTTCATTTTCCCTTCTTGTGTTTTGTT  
GGTCATTGAATTTTGTAAATTTTGTATTAATGTATCTTGGGTCCTGTTACTTTATCATCTAAGACTCA  
TTATTTTAAATGCAGGAAAAAAGATTAGCAATTTCTTTTGGTCTTGCTTACATGTAAGTATGCCA  
TCCAGTCATTTAAGAGAACATCCCCAATCCTCGGCAATATGTATTTGAATTCACATTATTTCTGTTTTAC  
AGCAGTTTTGAATAGCATATATTGTGCTCACTGAGTGTCAATTTTGTAAAGTATGTAACATAGCCATC  
AAAATTTGGTATCAAGTAATGCCTAATCTGTGGGATGTAACTTCACGAGATCATCGTTTACATTAAAT  
>GBEQ1352 |Acc|CD465176|Ver|CD465176.1 GI:31386444|LeukoN1\_2\_H12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H12\_A023 3', mRNA  
sequence.:Start:1:Stop:662  
GCTTGGTGCAGACCATTTTGGGAGGACACTTTTGCCAATGAACTGTTTCCCCAGCTGATTAGTGTCTAA  
GGAGCCATCGAGTACTGTTGCCCTTTTCTTGACTAATACATTGCCTGGAAGATAGCAGAGAGCCTGCC  
TGCTCCATTCAAAAAGCCAAAGTAGAGGTGTACAGTCCGAGAGAATTCCTCGAAAGTATTTGTCTGTTT  
AAACCTCATTAGGTCACCCCAAGTATTGGTTTTTGTACATTCAACAGTGAAGTACTCAGATATACTACT



GTAATCGAGAATTAAAGCTTTTGTAGGTTGTACCTTTATTTTAGGGCATTAGTTTGCCTTAAATACTTAT  
 GTAAGGGTCACTGGACAAACGCTCTCAGACATGGAATTTATGAATGGCCCTTCATCATTCCTTTCCCTTC  
 TCAGCTTCCAGGCTCGCCTCCAATTTTAGGTCCTTTAGTTTGTCTTCTCCAAGCAGAGAACACCTACCTG  
 AGGGGGCTCCTTTTCCCTCATTTACAGTTCAAGTAAAGATCAAGAATCTTTTACAAAATTATAGAAAATTT  
 ACTATGTAAATGCTTAATGGAATCTTCCCGCTAGTGTAACTTTTGAAGGTGCTTCTCCATTTATTT  
 AAAACCTACCCGTGCAATTAAGTGCAAGC  
 >GBEQ1353 |Acc|CD465170|Ver|CD465170.1 GI:31386438|LeukoN1\_2\_B09.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B09\_A023 3', mRNA  
 sequence.:Start:1:Stop:600  
 AGAAAGCAGTATCAAAATACACTTATGCCATTACTGTGGTGAACGTTTTGATTCCCGTAGTAATCTAAGG  
 CAACATCTCCACACCCCATGTGTCTGGATCCCTCCGTTTGGTGTCCCTGCTTCATTCTGGAAAGTAAT  
 GACCTTGGTGAAGTGCATCCACTTAATGAACTAGCGAGGCTCTTGAATGCCGAGGCTCAGCTCCTTCA  
 TTGTCAAGGAGAACGAGCAGCAGCCTGACCCTCGAACCGGGGTACCACAGAGCCTTTGCAGATCAGTCA  
 AGTGTCTTTGATCTCCAAAGACACAGAGCCAGTAGAATAACTGTAATTTTCTTTTTCAAGGAAAAGA  
 AAAATCACCTGTACCATCTGTGGTCATAAATTTCTCCGAAAGAGCCAATTGCTGGAACACATGTACACAC  
 ACAAAGGTAAATCTTACAGATATAACCGATGCCAAAGATTTGGTAATGCATTAGCCCAGAGATTTCAAGCC  
 GTTCTGTGACAGCTGGTCTGATGTCCCGCTGAAAAGTTCTCGCTTGTGCGAAGAACCGTTAGACTCATCT  
 TGTGCCTTAGAGTCAGAGCTCACACAAGAGAATGTGGACA  
 >GBEQ1354 |Acc|CD465163|Ver|CD465163.1 GI:31386431|LeukoN1\_2\_C10.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_C10\_A023 3', mRNA  
 sequence.:Start:1:Stop:631  
 AGGGAATGCATATGAAGAGGAAGCCAACAAGCAGTCATGACATGAAATAGTCCTTTTATTTTATTTTAT  
 TTGAGCTACACACATACTTGTATATAGGTTTTATCTCTGGTTGAATCCCTTGAACAATAGACAATACCTTT  
 TTTTTCTTTTCATAGTCCATTTTATCTCTGCCTTTGAGTACTAAGTATGACCATTCTATCTCAGATCT  
 TAATAAATAGAAAAGCATTACAGTTAAATTTGGCCTTAACCTTAATATACCTTGTAGCAGGCATGTGTGAC  
 AGAGAGTGGGGAAAGCTACATCATATTGCATATTTTGATAAACTTCACTTACTTGAGCTTGGTTTGT  
 TTCCTTTTTCTAAATTAACCTAGCACTGACTATAATTTTCCCTGTTTTTTCATGTCTCCCTTCCATTCTG  
 CAGGAGTTTTAGCTAATTGAGATATTGTGGACCATCAATTTTGCATTTAGAGAGTGATTCTGACTCAAA  
 TCCTCTGTTTTATCAGAAATTTTGGTTTTTCTTGCTTTAGCTGGAAAATGACCATCTGCCAATTTATC  
 CAGTATTTACTTGTTTTTGACCCACAGAATATAGCACATGCATTGTGCAACCGTTGATTACGCGAGACT  
 C  
 >GBEQ1355 |Acc|CD465150|Ver|CD465150.1 GI:31386418|LeukoN1\_2\_B10.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B10\_A023 3', mRNA  
 sequence.:Start:1:Stop:527  
 TACGACCATCCTGTACTCAGAAATGGAATCAGGTTGCTCTAGTAGTTGGCTATGGGAACCTTAATGGGA  
 AAGACTACTGGCTTGTGAAAAACAGCTGGGGAATCAACTTTGGTGACAAAGGATATATTCCGGATGGCAAG  
 AAATAGTGGAAATCATTGTGGGATTGCTAATTATTGCTCTTACCCAGAAATCTAGAGGATCTCTTCATTT  
 TATAACAAGTCAATAAAGATAAAGCACTTTCTCTTAACTAATTTTACCTGCTGGGACTAGTAGAAATGT  
 GTGTCATAATCAGTGTATATTTATTGTACTAATATAAAATATAGTTTGATTCATCTTTCTTTAACTTTGC  
 AGATCTCGGAAAACCTTTTGCCAAAGTAAATTAATAACATCTTATAGATATAACTGTATGAAAATTTGGTCAG  
 CATGAGATAATCTGTCAATTGTCTTATTTTACATACTTGTTTAAGTCCCTAATATGCTTTTGTAACTTGA  
 TGGCATATAAATGCTTAATAAATATGGTCTTTTCAAC  
 >GBEQ1356 |Acc|CD465149|Ver|CD465149.1 GI:31386417|LeukoN1\_2\_E10.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E10\_A023 3', mRNA  
 sequence.:Start:1:Stop:519  
 TAGCAATGCCGAGGAAGCTGGGGCGATGGGCTTCTTCTGCACTGGAGTCTCATAGCTGTGACACTCAAG  
 CAACGTTGGAAAATGCAGGGTGGCTCAGTTCCCTGGGCGAGCTCTCGGGATCTCCAGGCCCCATCCCCCTG  
 TATGCCCCACATAGAGGAGCTCTGCCCCGGCTCCTGTATATAATTAGCTCCATGGTGTAACGTTATCCCT  
 TCACCTCCTCCACCAGCACTGCCGCCAGTCCAAGGTACAGACTTGCATTTAAGACATGTTCCCAGGAC  
 TTTTGGAACTAACTCAAAACATGATGGTTATTTAGATGCTATAATTTATATTTATATAGGGAGATTTT  
 TGGACCATCCAAGCTCTTTGACCAAAATCAGGAGCATCCTGGGATTTATTAATTTATGTTAGAGATAGC  
 ACCGATATCAGGATATTATTGTGTAATAATGATGCTTTTACTTTGATCTGTTTTTATTGATGTGACAGC  
 CAGTTTCCAATAAAGTGCTAGAGAGAAA  
 >GBEQ1357 |Acc|CD465142|Ver|CD465142.1 GI:31386410|LeukoN1\_2\_G12.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G12\_A023 3', mRNA  
 sequence.:Start:1:Stop:631  
 GCTGACAGGCTGCGTACTGCTCGTGATGGGAGTATTTGGGAAGATTGGGGCTGCATTTGCAACCATCCCAA

CACCTGTGATTGGAGGCATGTTCTCGGTGATGTTCTGGGGTCATCGCTGCTGTGGGGATTTCAGTCTGCA  
GTACGTGGACATGAACCTCGTCCAGGAACATTTTTGTCTTTGGCTTCTCCATCTTCTGTGGGCTTACCGTT  
CCCAACTGGGTGAACAAGAACCTGAGATGCTCCAAACAGGGATTCTCCAAGTGGACCAGGTCTTCCAGG  
TGCTGCTGACTACGAGCATGTTTGTAGGTGGATTCTTGGGCTTTCTACTGGACAACACCATCCAGGAAG  
TCTGGAGGAGAGAGGCCCTCCTGACATGGAATCAAATCCATGAGGAGTCTGAGGAGACTGCGAAGGTGTCA  
GAGGTCTACGGCCTCCCTGTGGGATTGGCACAAAGTTCTGCACTTCTCCTATACCCGGTACCTCCCT  
TCTGGCCAGACCGGAACATCATGGGAAAGGCTTCAAGACTGCAGTATCAGCTCCCGTTGAATTTGCAG  
CCTGCTGATCTGCTACAAATTTACATTTGCAGTCTCCACAATTGTGTAAACCAATTCTTTAAATAA  
A

>GBEQ1358 |Acc|CD465141|Ver|CD465141.1 GI:31386409|LeukoN1\_2\_E01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E01\_A023 3', mRNA  
sequence.:Start:1:Stop:569

GGTTTACATAGGGAACAGTGTATAGTTGTGTGTACAGTGGGGTCTACAACAAGAAGTGTATATTTTC  
AAACAATTTTTAATGATTTAACAATTTTTGTAAATCATTTTCAGGCTTCTGCAGCTGTAGATTCTCACT  
GTGAATCCCTTGCTTGCTCATGCATAAGTGTATTTGCAATACCAATATACAGGTTTAGTATTTTGCCT  
GTTAGTGATTGTTTACATGTGTAACGTTTTGGTTGAGATGTTAAATGGTGGACGAGTACTGTGGATGTG  
AATGTGGGAAGTAATTTTAAATCATGTGTAATTGGTCACAAGGCCCTGAGTTGCAGTAATATTGCTGTTTTA  
TTTAACAATGCCTTGTGCTTTGTATGCATTAACGTTTGGGTGTAAAGATTGTGTGTCTATCCACAGGG  
AGCCACAGTATTTAATTTGACCAACCTGATGTTACAACCTCTTTGAGGTGGCCAAATGTAACTAAAAGC  
CTTAATTAAGTGGTGCATTTTGTATAACTAGCATCAGTAGTTCAATAAATTTGGATTGCCATGCAAGG  
GCTTGCATT

>GBEQ1359 |Acc|CD465135|Ver|CD465135.1 GI:31386403|LeukoN1\_2\_H01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H01\_A023 3', mRNA  
sequence.:Start:1:Stop:479

CAGTTATGGGGCTGGTGCAGACGGTAATGTCTTGTCAAGGGGAGGCGCAGTGTCTTGAGGGGATATCCAG  
GGATCCTGGTGTGATTTTGACCTGCCCTGACCTCTGTGAACACTTAGACTGCAATTCTTAGAGTCAACACC  
CCCAAGACTATACGGTGGAGAATCTCATCTGGATAGGCATGGCTATCTTGATCCTGGTGCCTTGGGGT  
CCTGCTTATTCAAGCTCGACACACCCAGAGAACGACCCAAAGATGCAGCCAGGAGGTAACACAAAGAGGGA  
ACACTGCACCATTCAGAGTGGTGGAGAATTAGAACAACTCTGATGATCCAGGAGGTTGAGAGTAAATCT  
GGACCATAAGTTTGGGGATCTGTCTGCTGAAAATGTTGAGGGATGTAAACCTGGTTTAGATTTCAGGAAAA  
TGCTCGAGTGCTCCCTGTACAGGATGCTCCCTCCATTAAATTTGTATTTTCTCTCCCT

>GBEQ1360 |Acc|CD465134|Ver|CD465134.1 GI:31386402|LeukoN1\_2\_G08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G08\_A023 3', mRNA  
sequence.:Start:1:Stop:668

AAGAGAAAGGTAATGAAGATGTTGAACGTCAGGTCAGCGTATCAATTTCCAGTGCCGTGAGGTCAGCCC  
CTGAAGAAAATTCACGTGAAATAACGGAACTCAAATGATGATACATTCTAAGTCTTTAAATGGAAAGTA  
AAAAGGAATTAAATCTTGGATTTATTGCAAAGGAACTGTATGATGAACCTTGCAGGACTCTCCTTATAA  
AGCAAAATGATTGTTCAACTGCCAATTAGGATTCTTTTAAAGTCCTTTTACTGGGCATATTTCCACCT  
CCAACTTGGAGGTAAATTTGATATATGTTTTTACACTCAAGAGAACAAACATAAAGCAAAGTCTAATTTG  
CAATGAAATACTATACCAAAAGGGCGGCTATTTCAATAACTCTCAATGTAAAAAGAAAAGTTTTGTGTT  
AAAGAAAAGTCATTGGTATTTCCAGCCGACAATTTGGCAAAAGGAAAAGACTGTTAAGATTGTATTTT  
GTCAGTGTAATAATGTTAATATTGTAACAGATTTTTTTTCGGTAACATATTTCTTCAGTCCGTATTTCTT  
TCAATCTTAGACTTTTCTCTCAATAACACCAGCTTTGCATTTTGTATGGTTCTGAGTCATAAAATTTT  
TGTTCAAGAAGTATTTTGAATAAAGAGCAAGATGCT

>GBEQ1361 |Acc|CD465132|Ver|CD465132.1 GI:31386400|LeukoN1\_2\_G06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_G06\_A023 3', mRNA  
sequence.:Start:1:Stop:605

CGAAGAAGAAAAGCTGCAAAGGTACATTTCTCCTATGGCCGATTTTCAGGAATTTCAAAATAAATCTGAA  
GACCATGCAATTATCCATTATTTAAAGCAGCAGAAATAGAAAACGCATCTTTTCTAAGAGATAAAAGTA  
TCAGGTCTTTGGAGAAATTTGGCTTTAAAGAACTTCAGAGAAATTCATTTGACACAGAAACCATGAGAAT  
TCTTCAGTTCATTACAAATTTGAAGCAGAAATGAATAAGCCCTGGAGGGCCCTGAGGCTCACTGCTGA  
CTGAGAACTCTGTGGAACATGATCCTAGGCACTGAAGTATCGACCACTTTCTATTTACCTGATTTTAT  
GTTAACACATACATCATCTTACCTGCTTGTCTGCTTTTCAACATGTTATGTAATTTACTGTAATGATG  
CAATTTTGAATAACTACTCAAACCTGGGAAAATAGTTGCATTTCAAAAATAGTGAAACAATATATATGT  
CTCTGTGTGTGAGAGAAAGGAAGAGAGAGAGAAATGGGACCATTCTCTGTGAATGCTATATAGTAGGAAA  
AAGTTTGTGAGTAGATAGGCAGCAATAAACAAGCAATTTACA

>GBEQ1362 |Acc|CD465127|Ver|CD465127.1 GI:31386395|LeukoN1\_2\_B06.b1\_A023 Unstimulated

peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B06\_A023 3', mRNA  
sequence.:Start:1:Stop:631

ACACAAATGTATCTGTAAAGTACCAGAGCCTGTTTGGCGTGAGCATACGACTTTTGTTCCTCAATAATATGG  
CCCTGTTTGGAGAACTACTCCAAATCAGAAAGGATGTGGAACTATGATGTAGTTTAACTCTGGGCAG  
CTTCTGAATGAAATGCTGTTTCTGTAGAAACACAGTAGCTGCCTCAGACATTATGAGGTATATAAGTAG  
TATTTAATATGCCCTATAAATGTCTTCAGTGTCTTCAGGGTAATTGGGATCTCAGAAGATTTGGTTCCG  
ATCCAAACACATACACATTCTGTATTTTAGCTCAGTGTTTTTAAAAAAGAAAAATGCCACGCAGGAAAA  
AGTGTCTTACTTCGTTGGACTAACCAATCAGTTGTTAACAAATGACCGGTGCTTATAAAAAGTTATTACT  
CAGTAGCTCCAAAAGAAGCCGCTGAACGCATATGACCAAGAGAAAAATCAGCCTGTGTTTAGTATTTAC  
AGTGGACACCAGTTTCATAATCACTGACTTATGTGAAAACCTGGTGCAGAAATTCTGTAACTCTCTGCTG  
TTTTTGATACCTGCTTTTTGTTTGTAAAAATGATAAAGTTTCAGAAAATAAAATGTGAGTGAATAATT  
A

>GBEQ1363 |Acc|CD465125|Ver|CD465125.1 GI:31386393|LeukoN1\_2\_H10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_H10\_A023 3', mRNA  
sequence.:Start:1:Stop:363

GCGTGCGTGTGCGTGTCTGTGGGTAACCACAAGCTACATCTATCTTTGTTTCATTTGAGGGGCTTGT  
TCTTCTTTGTAATGTAAAGAAATTCAAAGTTATCAAAATTCCTTCAGTGTGTTAGTTTAGATTCTTTATG  
TGCCTTTTCATGAAAGACATGTTCTCATTATTTTACCGATGGAAGACATGTAATATCCATATTGTGAAGT  
CATGTATGAAATTCACATATACTGGGAATAAATTGAATCATGAGAAATACAGTTTAAAAAGCCACAAAG  
ACGTACATATTGGTGACCATCATGGATGATTCTGAACTTTATTCTGTGTAATTGTGTTACTAATAAATC  
CTAATAAATTTAA

>GBEQ1364 |Acc|CD465122|Ver|CD465122.1 GI:31386390|LeukoN1\_2\_E12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E12\_A023 3', mRNA  
sequence.:Start:1:Stop:678

ATCCTACCAGGCTTCGGTATAATCTCACACATCGTCACATACTACTCAGGTAAAAAGGAACCTTTTGGCT  
ACATGGGTATAGTGTGAGCTATAATATCCATTGGCTTTCTAGGCTTCATCGTATGGGCTCACCACATGTT  
TACAGTAGGGATAGACGTTTGACACACGAGCATATTCACATCAGCTACCATAATCATCGCTATCCCTACT  
GGTGTAAAAGTATTCAGCTGACTAGCCACCCTGCACGGAGGAAATATCAAATGATCTCCAGCTATACCTCT  
GAGCTCTAGGCTTCATCTTCTTATTCACAGTAGGAGGTCTAACAGGAATCGTCCCTAGCTAACTCATCCCT  
AGATATTGTTCTCCACGATACTTATTATGTAGTAGCACATTTCCATTATGTCCTGTCTATAGGAGCAGTC  
TTCGCCATTATGGGGGATTTGTACACTGATTCCCTCTATTCTCAGGATACACACTCAACCAACCTGAG  
CAAAAATCCACTTTACAATTATATTCGTAGGGGTAAATATAACCTTCTTCCACAACATTTCTTGGCCT  
CTCAGGAATGCCACGACGCTATTCTGATTATCCAGACGCATATACAACATGAATATACCATCTCATCCATA  
GGATCTTTTATCTCACTTACAGCAGTGATACTAATAATTTCATAATTG

>GBEQ1365 |Acc|CD465116|Ver|CD465116.1 GI:31386384|LeukoN1\_2\_B07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B07\_A023 3', mRNA  
sequence.:Start:1:Stop:601

AGAAGCCTGGAACAAAGTTGCCCACTCATTTAATTGCACGCCAATAGAAGGTATGCTGTACACCAATTG  
AAGCAGCATGTCTCGATGGAGAGAAAAACCATTATCCAGAATCCCACAGACCAGCAGAAGAAGGACCACG  
AAAAAGCTGAATTTGAGGTACATGAAGTCTATGCTGTGGATGTTCTCATCAGCTCAGGAGAGGGCAAGGC  
CAAGGATGCAGGACAGAGAACCACCATTTACAAACGAGATCCTTCTAAGCAATATGGCCTGAAAATAAAA  
ACTTCACGTGCCTTCTTCAGCGAGGTCGGAAGGCGTTTTGATGCTATGCCATTTACTTTAAGAGCGTTTG  
AAGATGAGAAGAAGGCCCGGATGGGCGTGGTGGAGTGCGCCAAACACGAACCTGCTGCAGCCGTTTAAATGT  
TCTCTATGAGAAGGAGGGTGAATTTGTTGCCAGTTTAAATTTACAGTTCTGCTCATGCCCAATGGCCCC  
ATGCGGATAACCAAGTGGTCCCTTTGAGCCTGACCTTTTACAAGTCTGAGATGGAGGTCCAGGACGCAGAGC  
TCAAGGCCCTCTTACAGAGTTCTGCAAGTCGGAACCAACCCAG

>GBEQ1366 |Acc|CD465025|Ver|CD465025.1 GI:31386293|LeukoN1\_1\_B10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B10\_A023 3', mRNA  
sequence.:Start:1:Stop:611

TCATGGGCCAGCTGCTGGACTTCGAGAGGACGCTGGGACTCAGCAGCCCCTGTGACAACCGGGTCCCAGC  
CCAGCAGCTCTATTTACCAACCCCTCTAACCAGAAATGTCTACCAGGTGGACTCGCTGCAATCCACGTGA  
AAGGCCCTGTTGCCCTCTTGTCTGGGATGTGTCCATTCTTTAGCAATTTCTTCTGGCAGCATCAGCTG  
GGCTGCTTTCTTTGTGTGTGGCCCCAGGTGTCAAATGACACCAGCTGTCTGTATTAGACAAGGTTACCA  
CGTGTGGAATTTGTTCTTACAAAGGGAGAGATTTGCTCCGTTCTCGTTGGAAGAACAGGACATGCTGTAC  
AGATACAGGCAGTAGGCTTGTCTCCACACCCGTTGTGTACAGCCTACCATGCGAGGACTGGAATTCGAGGA  
CTTCCAGGTATATAGGGTAGGACCAATGGTAGGGTAGGAGCATGTGTTCTTTATGATTTTTAGGGCCTT  
GTATGACTGTTTTCTTTTGCATCTGGAAGTACTATATATTGTCTTCAGTGAAGACTGATTCAATTTTGC

ATATAGAGGAGCCAAAGAGAGGTTTCAGCTCTGATTTGAGTATCAGTTGC  
 >GBEQ1367 |Acc|CD465019|Ver|CD465019.1 GI:31386287|LeukoN1\_1\_B05.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B05\_A023 3', mRNA  
 sequence.:Start:1:Stop:671  
 CGGTACATGCTAACCAGACTCTAAGCGATTCTGGGAGAATGAAAGGAAGTATGATATAACCTATAATCTA  
 GTTGGCAGTGGTTAAGTCAAACCTGCCTACATGTTCTTTCCCTGGTCTTTAAGGTCAAACACATGAGGCTT  
 CTCAGTTTGCAGTAAGAATCATTTGTAATCCATTTAAATGCCCTCTATCTTTATGCTTTGTTTTGATAA  
 ATTGCATATAACTACATAGTTTAAGTACAGAACAAAAAGTTACAATTATCTCAACAGCTTGATCAGGC  
 AGATAGTTTAGAGAGGCCCTTGACAACCTGTTTGGACTAGAAAACTGAGCTTTATACCAACCATACTACT  
 AGGATCCTTCTGAATTAGACTAAACTGACTAAAAACAAGGGTATAACAACCTACAAGATTAACTACCTAGCC  
 TGTAAAATATTTTTTAAGGCATAAAGATAACAGGTAAGATCATATTGATGTCTCATGATGTAAAAAAT  
 ATTGACAATATCAAAAGTAAAGGACAGTATCACCCAAATATTATAATATGGATCAGGGCATTATATATT  
 TTTTCTGGGAAAAATATAATAGTGATTTCATAAGGCATCTTATGTTAACATCACCTTGGAACAAAAAATTT  
 TAGAAGGCACAGTTTTATTGGGAGAAAAATCAAGCCTTAG  
 >GBEQ1368 |Acc|CD465012|Ver|CD465012.1 GI:31386280|LeukoN1\_1\_F12.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_F12\_A023 3', mRNA  
 sequence.:Start:1:Stop:722  
 GAGGAGGGTACACCGGTGCCATTTTAATGGCTGCAGAAAAGTTTACACCAAAAGCTCCCACTTGAAAGCA  
 CATCAGCGCACTCACACAGGAGAAAAGCCTTACAGATGCTCATGGCAAGGGTGTGAGTGGCGTTTTGCAA  
 GAAGCGATGAGTTAACCAGACACTTCAGAAAGCACACTGGTGCCAAACCTTTTAAATGTTCTCACTGTGA  
 CAGGTGTTTCTCCAGGTCCGACCACCTGGCCCTGCACATGAAGAGGCACCTGTGAGGGAGCAGAGCCGCG  
 AATCCTGCAGGCTCAAAGGCTTCTTGGCTGAGAGACGGCCGTGGAGGAGGGTGGAGTTCCAGCCAAAG  
 CATGCCATTTTGCACCCACCCAGTTGCCCTCCAGGACCTCTACGTGGATGGTCTTTTGAGGGCGAAAGAA  
 GTCATGTCAGAAAGCGGCAGAGCGCCCGTGGTGTGTGGTGTGGGTGGCCCTGGACTCGCCACTGGTACC  
 TATCTTCTGAGTGGTCCCTAAGCCTTGGCCGTGAGCATGTGCACTGAGGATGTGAATGGTTGGGTGGCTG  
 TCTGGAGGGTCTGTTACGGACTGTGTGGTGAGGCGGCGTCTTCCCCTTGTGTACGAGACTGCAAGAGAC  
 AGCAGAAACGTAGTTTGAATGTTTTGTGTGAGGAGCATACTGTGGGATGAGATGACCACCAATTCGTT  
 TCCTGGGGGGGGTGTCTGCGCC  
 >GBEQ1369 |Acc|CD465010|Ver|CD465010.1 GI:31386278|LeukoN1\_1\_E03.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E03\_A023 3', mRNA  
 sequence.:Start:1:Stop:566  
 AGGAGGCAGTGGAGGAAGTGGGGTTATGGAGGGAGAAGCCGATATTGAGCTTCTTCTATTTGCCATGG  
 GCTTCACTGTATAATAGGAGAGGATGAGAGCCCAGGGGTAAACAGACAGCTTCAGGTTATCGAAATAAC  
 AATGTTAAGGAACTTATCTCAGTCATGCATAAATATGCAGTGATATGGCAGAAGACCCAGAGCAGATG  
 CAGAGAGCCATTGTGTAATGGATTGGATTATTTAATAACATTACCTTACTGTGGAGGAAGGATTGATAA  
 AAAAAAAAAATGCCTTTGAGACAGTTTCTTAGCTTTTTAATTGTTGTTTCTTTCTAGTGGTCTTTGTAAG  
 AGTGTAGAAGCATTCTTCTTTGATAATGTTAAATTTGTAAGTTTCAGGTGACATGTGAAACCTTTTTTTA  
 AGATTTTTCTCAAAAGTTTTGAAAAGCTATTAGCCAGGATCATGGTGTAAATAAGACATAACGTTTTTCT  
 TTAAAAAATTTAAGTGCGTGTGTAGAGTTAAGAAGCTGTTGTACATTTATGATTTAATAAAATAATTCT  
 AAAGGG  
 >GBEQ1370 |Acc|CD465005|Ver|CD465005.1 GI:31386273|LeukoN1\_1\_E11.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E11\_A023 3', mRNA  
 sequence.:Start:1:Stop:571  
 ACATTTCCGGCCCTTCTTCACTGGCTTCCAGATCAGTGTCCCATACATAAGACATGTCCGGGGACGAG  
 AAAGGGGTGGTTATGATGGGGGCACCCCAAGGCTCAGCTCCCATGACAACCACCGTGATCAACATCCACA  
 GCGAGCCCCCATGCGCAGCATGTCTGCTGGTCCCTGTTCAACACGCTCTTCATGAACCTGGTGTGCTGCCT  
 GGGCTTCGTGGCATTGTCCTTCTCCGTGAAGTCTAGGGACCCGAAGATGGTGGGTGACATGACTGGGGCC  
 CGGAGCTACGCGTCCACTGCCAGGAGCCTGAACATCGCTGCCCTGGTCTTGGGCGTGGTTCTGACCATCG  
 TTGTCATCGCTGTTTATGCCAGTACCATTGGTTTCATTTTCTTCCAGATTAAGAGTCAACAGAGAGGCTA  
 CTCTAGCTATCCATGGCCCAAGCCCTTCCCCACCTCACACTGCTGGCCAGCATCCTGGGCTGTTGGCC  
 CTGACCCCTCACCCACGCCTTTCACAGCACCATGTACAGACATACCTGTCTACACCTGGATTCAATAA  
 AGTTCACTGGC  
 >GBEQ1371 |Acc|CD464994|Ver|CD464994.1 GI:31386262|LeukoN1\_1\_B01.b1\_A023 Unstimulated  
 peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B01\_A023 3', mRNA  
 sequence.:Start:1:Stop:340  
 TATTATTAATTGGGCAGGAAGGAGGTCATGGGTTCAATTTCTTTTTTTGGTCTTTTTTTTTTCTAATTTAA  
 AGAAAGGTTACCTCAGTTGTCACTCCTTAGACATGGATGTAGCTACTTTTTTGTATGTTATTTTTTAAAG

CAGTTGTGTTGGGTTAGGCGTATACTTGGTGTGGAAGGAATATGACATTGCCATGTGATTTGCCAGTGGG  
GGGAAAGCTACTGTGAGTGTGTTTTGTTTTTAAATTTACACTATAGAGTGATTTTTTCCCCCAATGT  
CAAGTTTTTACCTTGCATGTACTGGAGTATTTATTTTCATCTATTAATAATGTTATTTTCTC  
>GBEQ1372 |Acc|CD464991|Ver|CD464991.1 GI:31386259|LeukoN1\_1\_E07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E07\_A023 3', mRNA  
sequence.:Start:1:Stop:619  
CTGAGCCCATCACCCGGAGATGGGAGCCACCTCCTCAGTCCACCATCCTCATTTGTGGGCGTCTTGTCTGG  
CCTGGGTCTCTTCATGGTCACTGTAGCTGTGGTGGTTGGAGCCGTGATCTGGAGGAAGAAGCGCTCAGGT  
GGAAAAAGAGGGAGCTACGCTCAGTCTACAAGCAGCGACAGTTCAGGACTCTGATGTGTCTCTCATTC  
CTCCTAAAGTTTGAGACAGCTGCCTTGTGGGAGACTGAGTGATGCAAGATTTGTTCTGCCCCACCCAC  
ACTGTGACTTCAGGAATCTCTGTATAGGGCATCTGAATGTGTCTGCATTCTAATAGCATAATGTGAGGA  
GGTAGGGAGACTGGTCTCTCCCAAAATCCCTCCCTCACTGACCTCTGTTCTCTTCTGATTGACTTG  
CCTGTTCCAGCAGAGGGCGGGGCTGGTTCCTTCCCTGTCACTTTCGTGTTGCCCTGAGCTGCAACTCT  
TACTTCCCTATTGAAAATAAGAACTCTGGATACCAATTTGTTTTTTCGAATCTTGCCATGAGGGATCAAT  
GGGTTAATTAAGGAGAAGATTCTAAATTTGAGAGAGGAATAAAGGAAGCACGAGA  
>GBEQ1373 |Acc|CD464989|Ver|CD464989.1 GI:31386257|LeukoN1\_1\_E12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E12\_A023 3', mRNA  
sequence.:Start:1:Stop:690  
CAGTGTATCAGTGAATAGCGTGTGCCCACCACCTGCCTTGTTCCTTGTAGTGAACAAATGTTGATA  
GAGGTTTATTAATTTTGTGTTTCTATGTAATCAAATAAAATTTGAGTAACATGCAAGGGTAAGAATC  
AATGCATGGTTATTTGGACCAGAAAAAGTGCCATAGAAGACCAATAACTGTTCTTAGCCGAGGCTAGTC  
TGGAGCCTTTTCATTAGAGCAATATTCAGTTATTGCAATTCACCTTTGAATTACTAAGAAATATAATTTTGG  
AATTTTTAATCTGTTATCTTTGTTCTTCAATCTTGTGTTTAAATTAAGACTTTTATAGGACTAGCAGAAAC  
AGCAATCTACATTGTTTTGTCAAAAGAGAGTTGGACTTGTTCCTTTCTTGCTAGTCAGAGTTAATAGGCA  
GTACTTTTTAAAAAGATGTGAACCTCAATATTGCACCTCTGGAGATGTTATCAATGGTTATTGTACTGTA  
TAGTTTTAATAATTTTGATTGAAACCTTTAACAACAACCTTTGTAAATTTTCATCTCATTTTAGTTGAT  
TTTCAGTACTATTACATGAATGATTTTTATGGATATAGTAGAAGAAATGTGCTGTATTTTGATAAA  
ATTCAATTTATTGTATGTGTGTTGGATCTCTTAAAAAAGAAATGACAAACAGCTTCTT  
>GBEQ1374 |Acc|CD464981|Ver|CD464981.1 GI:31386249|LeukoN1\_1\_B06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B06\_A023 3', mRNA  
sequence.:Start:1:Stop:615  
CAGGTGCCCCAGGAAGGGGATACAGGCAGAGGACATGCTGAAGAAGTACTTGGAAATCCAAGGAAGACGTGG  
CTGATGCGCTTCTCCGACTGACCAGTCACTCTCAGAAAAGGAAAAGGAGATTGAAGTGGAAACGTATAAA  
GGCTGAATCTGCAGAAGCTGCAACGAAAATGTTGGAGGAAATCCAAAAGAAGAAATCAGCAGATGATGGAA  
CAGAAAGAAAAGATTATCAGGAACACGTGAACAAATTTGCTGAGAAGATGGAGAGAGATAGGGCCGAC  
TGCTGGCAGAGCAGGAGAGCATTACCCCATCACCCCATTTGCCATCACCCCATTTATCCCATCACCCGTC  
ACCCCTTGGCCTGTACCCCATCACTTAATCACTTCATCAGCCCATCAGCCCATTTGTCCCATACCCCAT  
TGCCCATGGCCCCATAACACTATGATCCCATTTGCCCATGACCCTGTGACCTTGTACCCCATGGCCCCA  
GTGCTGTACCCCTGCCCTGCTCCGTTTTAGGTGCTCCTGGGCTGGCCCCCTAGGGCTCTGCTATGTATG  
CTGTGCATACTCCCTGCTCAGGGTGGTGCCCCAATAAATGACGTGGCAGAAAAA  
>GBEQ1375 |Acc|CD464977|Ver|CD464977.1 GI:31386245|LeukoN1\_1\_D03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:551  
CAGCCCGGCACAGTGAGATCCAGCAGCTTGAACGCAGTATCCGTGAACCTTCATGAGATCTTCACTTTTCT  
CGCTACTGAGGTGGAGATGCAGGGGGAGATGATCAATCGGATTGAGAAGAATCCTGAGCTCAGCAGAC  
TATGTGGAACGTGGGCAGGAACATGTCAAGATGACCCTGGAGAGCCAGAAGAAGGCACGGAAGAAGAAAT  
TCTTGATTGCCATCTGTGTGTCCATCACTGTCTTATTCTGTTGGTCATCATTGTCTATCTCCACATTGGT  
TTGATAGCGTCGCGCATTTGGTCACTAAGAGCACCAGGACCCAGGGTCTGCCTTCTTTCCAGCAGCT  
GGGGGGGTGCAGGACAGAGCCTCCAGCCGAGCCCCCTTCTCACACTGGCCCTGTGCAGAGGGGCAGTTC  
TTCTGGGGTTGGCAGCTACTCTTTCATGGGGGCTGCCTCCTCAGGCCACAGTGCCTGAGGGAGGGCCTG  
CAGTGTCTCTGTTTGGTGGGACACATGGTTTTTAAAGAAATTAACAAAGCTGGAATAA  
>GBEQ1376 |Acc|CD464972|Ver|CD464972.1 GI:31386240|LeukoN1\_1\_D06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D06\_A023 3', mRNA  
sequence.:Start:1:Stop:615  
CTCGGACGCAGCTCTGCCGAGAGGGCGGGCAGCAACATTGAGCAGTATATCCATGACCTGGACACTAAT  
TCTTTTGAACCTGACTTACAATTTTCTGAAGATGAGAAGAGGTTATTATTGGAGAAGCAGGCCAGTGGAA  
ACCCGTGGCATCAGTTTGTAGAAAATAATTTAATACTAAAAATGGGTCCAGTAGATAAGCGAAAGGGTTT

ATTTGCACGACGACGACAGTTACTACTCACAGAAGGGCCACACTTATATTATGTTGATCCTGTCAACAAA  
GTCCTGAAAGGTGAAATTCCATGGTCACAAGAACTCCGACCAGAGGCCAAGAATTTTAAAACCTTCTTTG  
TCCACACGCCAAACAGGACATATTACCTGATGGACCCGAGCGGGAATGCTCACAATGGTGCAAAAAGAT  
CCAGGAGGTGTGGAGGTACAGATACCAGAGCCACCCAGATGCCGCTGTGCAGTGACACGCCCCAGAGCTGC  
TGCACTCGCTGCCAGGACACGTGCCCCAGCGCGGCTCGCCGCCATCGGGACGCTTCCAGACCACCTGCCA  
GCCATCTCAAGGGGGACGCAGACAGCGGAACCTTGCAGCTTTTTTATTTAAAAGAA  
>GBEQ1377 |Acc|CD464969|Ver|CD464969.1 GI:31386237|LeukoN1\_1\_E01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E01\_A023 3', mRNA  
sequence.:Start:1:Stop:647  
TGGAAGAGCAATGGAGCTAAAAATGCTATGATACTAAGATCTAACCAATATGAATTACAAGACGGTTGTT  
ACTGGTAGGAAGGAGACTGTTAAAGGACTCGGCCAAAGGAGTGCAGCAATTGTAGTAACCAACACATCCT  
CTCCTTGCAAGAGTCACTGGGCACACCCACGCTAAGTTTCAGAATACCTAAGGCTTCTGGGTTTTTACTT  
TTTAAAGAGGTGTGGGAGCAGAGGAATGGAACAATCATTAGTTTTTAAGCTAGGGAAGGTTGGAGATCC  
TTTAATCTTTTAAAGGAGCAGTGTACCCTAGATAAACTTACAATCCCCCATTTGGTTTTTAGAGTTTTA  
ATTAACCTCACGGAAGGGAGCCTATCTGTGGGAACTCTTTCCACTCAAATCCTGAGTTAATGCTGCATG  
CTTTAGTTTTTCTTCACTTTTCAGTATTATAAGAACCCTTACAGTCAACGTTTGCAATCTTTCTTTGGCTA  
TCTATACGTTAGATAGACAGTACCTTTAAGTAGCAGAGTGGGACAAGCTTGTAATGTTTTGTCTGATGT  
TCCATTGTCAACTTTTGTGCATTTATCACTCTTCTAAATCTAACTTTGCACAAGTAACCCATGTAAAAAA  
TGTACATTTTTTCAAAAC  
>GBEQ1378 |Acc|CD464893|Ver|CD464893.1 GI:31386161|LeukoN4\_5\_B09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B09\_A026 3', mRNA  
sequence.:Start:1:Stop:530  
ACTCGGTCTGCTGCTTCGCTCGGCGCAAAATGTGTCACTCTCGGAGCTCCCTCCCCACCATGACCGTCCT  
GCGGGCCCCGACACCCGCCCCCTCCACCAGCCCGGACCCAGGAGGGGCTCCGGTCCCGAGATCTTCACC  
TTCGACCCTCTCCCGGAGCCCGCCGTGGCCCCCGCAGCGCGCCCACTGTCTCCCGCGGGCACCGAAAGC  
GCAGCCGTAGGGTCTCTACCCACGAGTGGTCCGGCGCCAACTGCCAGTCGAGGATCCGAACCCAGCCAA  
AAAGTTCTCTTTCTTCTGCTCACCATCATCTTCTGCCAGATCCTGATGGCTGAAGAGGTTGTGCCGGCA  
CCCTGGCCCCCGGAGGATGCCCCAGCGCCGCGTCCCCCGCGCCTACCCCTGCCCGGTCTCGAGCCCT  
TTAATCTGACCTCGGAGCCCTCGGACTACGCTCTAGAACTCAGCACGTTTCTCCAGCAACACCCGGCTGC  
CTTTTAACCGTGACTCCCCATACTCCCAAAAAAGAACCTG  
>GBEQ1379 |Acc|CD464892|Ver|CD464892.1 GI:31386160|LeukoN4\_5\_G11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_G11\_A026 3', mRNA  
sequence.:Start:1:Stop:535  
ACTGGGACACCAAACGTAGACACCTTCGACAGGGACGTTATTTCTCTCTGATATCAGTTCAGTAAATGGAT  
TTGGTTTCTACTATTGTAGAACTCTGGCAAAGAGGGAAAATAGTAATCCCTCAGTTTTCTGTGTTTTT  
GCATTGATTTTTGATGTTTTCAGACTGTAAATGCTTTTGGGGGATGATATGTGATCAGTAATTTTAT  
TGAAGCAACTGCATTGAAATTCACCTGGGTTTTCTCTCATTATCAGATTCTATTCCAAACAAGTATTCTG  
TAAATCCAGATGGATTTCAGTGTGCTGTAGAGTTATTATAGAACAACATTCTATGTTTGGTCTACATTG  
AGAATAGTTTGCATCAGTTAGTCTTGGTTATCATCTAAATATTTTAAATGTTCTTTACATGAAAATTT  
ATGTTGTATTTTTTAAACCTTTAGGGGCTTTATCTATTTTTCTAAGTCACTTAACTGTACTTTAATAAAAG  
TATTTTGTATCTACTTTTGTAACTTCATCAGAATAAAATATATTG  
>GBEQ1380 |Acc|CD464891|Ver|CD464891.1 GI:31386159|LeukoN4\_5\_A10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A10\_A026 3', mRNA  
sequence.:Start:1:Stop:593  
TTTGCATCAGTTTCTCTGTTTTTGGTATTTTGCATAATGTATGGATCCTTAGTTCAAATGAGGGAAAGTT  
TCTCAGTCAGCTCCACATCCTCTCTTTCAACTCCTACCTTTCCCTTGCTGAGGAGGTAGCAGAAATCTG  
TACCACCTATTTTTATGGATTCTCTGATTTTGGCCACAGCTACTTAATAAAAAACAGGTTCTAGATAAAA  
GGAGTTGATTAGCCCCAACAGTGCTAATTGACTAAAAAGGAAACTGTAGTGAGCAGCCTCTCTCCTCTAT  
AAACATTGACCAATTAGATGTTTTTATTAATCCATGTATTATGTATAGTACATTCTGTAAATGTAAATGT  
AATGCTTGTTAAGAAAAGTGCAATTTATTGTACATTGTCCCAACAAATGTTTACTTTTATAATTGTTATG  
AACTTGAATTGGATTAGTATCTTGTTTTCAATGTGTGAATGAAGCCTTGTAATAAACAATGCAACCAA  
GAAGGTAACAAGGTGACTGTTATTGTGAGCCAGTGATGTTTTCAATGCTTTGTGTTGCCCTTGGGGCCCC  
ATTAAGCAGTAATAACATTTGTTCTGAAGTCC  
>GBEQ1381 |Acc|CD464883|Ver|CD464883.1 GI:31386151|LeukoN4\_5\_H02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_H02\_A026 3', mRNA  
sequence.:Start:1:Stop:328  
TTTTTAAATAAAAAATATTTTAAATGCCCGTCTTTTTTGGAAAATCAATGTTTTAGGGTCATGAAATGCT



GTTGGTAAAAATAACTGAACAAATGAAGTTTGAGATGCCAGTTTTCAAATTATAATTTCAATTAAATTT  
ATAAAGCTATCAACCCTTTTTTAAATCATTTTTTTTCAAAAAAGTTTAGTTTGATTTCCCATTTAATT  
TTATCTTTTTTCTAGTTTTTTTTTAATGCTAAGGTTGTTTTTTATACCCAGTAAGATATGGGGTAAAAAT  
AATGCTTTTGAAGAATGTTTAAATAGAAAATTAATAAGCTTTTCCCG  
>GBEQ1382 |Acc|CD464881|Ver|CD464881.1 GI:31386149|LeukoN4\_5\_B01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B01\_A026 3', mRNA  
sequence.:Start:1:Stop:518  
TTAGTAAAAGTGAGGAGTGTGTGCTGGTAGGCTGGTGCACGTAAAAATAGCCCTGACCATGTTAGCCCTT  
CTTAAATGCTTTTATGGAATTTTAAAAAACAGGTGTAGGCTCACCAGTGGTCATTAGCAATATAATTCTA  
GTATGTTATCTCAAGGATAAACCTTAAAGCAGGGTTCTTGGCCATTTTGTGCCGTAGGCCCTATGGCA  
GTTTGGTGAAACCCAGGGATCCCTTATGTTTCCAAATAAAATACATACATAAAATTACAGAAGAAA  
CCCAATTACACTGAAATATGGGTATTAATAATCCAAAAGTGTTTATAAAAAATAAGTATCTCATAGTACTG  
TTATGTGAAAACGTTTTCTTTCTCCCTAGGACTTATTAAGTGTTCAGGACACAGAGCTCAAGTAAT  
TTATACCAGAAACACGAAAGGCGGAGATGCCCGAGCGGTGGTGAAGATGCATGAACAGGTCCCATCAGC  
TGTACATTTTGAAAAATAAAACTTTATT  
>GBEQ1383 |Acc|CD464878|Ver|CD464878.1 GI:31386146|LeukoN4\_5\_E10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E10\_A026 3', mRNA  
sequence.:Start:1:Stop:536  
AGTTGGCATAGTGTACAAAAGGATTGTAGTTGATCTAATTTTTTTTTTAATTTTGCCTTTAAGTTAT  
TTTACCTGTTTCTTTTTTTTTTTTTTTTGAAGATGCGCATTCTAACCTGGAGGTCAACGTTATGTATTT  
ATTTATTTATTTATTTGGTTCCCTTCCCACTCCAAGCTTCCACGGCTGCTGCCACAGTTTTCTTTCTCC  
TTTCTCTCTGACTTGGGGACCTTTTGGGGAGGGCTGCGATGCTTGTCTGTTCGTAGGGGTGACGGGAC  
TCGGGCAGGCAGCTGCTGCGGCTCCCTGCCGCTGCCGGGCCCTCGCCTCCTCTCCCGGGTGGGGATGG  
GTTCCGTGGTTGATGGGGGAGGGGTGTTGCTGACTGTGTATATAGGATAGATTTATGAAAAGCAGTTCTG  
GATGGTGTGCCTTCCGGATCCTCTCTGGGGCTGTGTTTTGAGCAGCATGTAGCCTGCTGGTTTTATCTGA  
GTGAGATACTTGACAGGGGAATAAAAGAGATCTTATTTTTTTTTT  
>GBEQ1384 |Acc|CD464877|Ver|CD464877.1 GI:31386145|LeukoN4\_5\_F12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F12\_A026 3', mRNA  
sequence.:Start:1:Stop:340  
CCGAACCAACCGCAGTGCAGATGGGGCGCCCCCGTGGTGTATTTAAAGAAGAGACGTCCACGTCCGG  
ACGGGACATAAATTTTCAGCCTTTCCCTGCCCCCTTTCCGGCGCGCCGGCGGGCGGGCTTTCAAAGT  
TGATGCAATCGGTTTAAACATGGCTGAACGCGTGTGTACACGGGACTGACGCAACCCACGTGTAACGTGTC  
AGCCGGGCCCTGAGCAATCGCTTAAAGATGTTCTACGGGGTGTGTGCTGTTGTGTTGTTTTATTGTTG  
TTGTTGTTTTTTTTTTTGGTCTTTTTTTTGTATTATAAAAAATAATCTATTTTTATGGG  
>GBEQ1385 |Acc|CD464875|Ver|CD464875.1 GI:31386143|LeukoN4\_5\_E03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E03\_A026 3', mRNA  
sequence.:Start:1:Stop:561  
GAAAATGGACACTGCGCCAGCCAGACCCAGGTCAGGGCAGAGGGTGGGCCTGGCCCCCT  
CCCTTGCTTTTGCTCAGGCCTCCCACTTCAGGCAGGCCCTAGGTTCCCTCCATCCCCCCTACTCCAGGAC  
CTGAGAGGCTCAGGTGGCCCCAAAGCAATTCCTCTGCTGCTCTGCCTTCGTCTACCCAGCTATCCCA  
GTCTCTGGTACTTCTGGAATCACACAGCTCTGGCTGCCCGGGACCTACTGAAGGGCAGTGGGGGATGGG  
GAATGAGGGACACTGAGTAGGGATTCAGGGCAAACCTGCCGTGACTCACCTCATTAACCCACCCCAT  
TTTCTTTGAAGGAACATTCCTAAGACTCAAGGACTAGTATCCCTGAGGAGTAGGGCCTGGACCTGAACCC  
CTTTCCCAAAGCTGCCCATCTAACACTCCCCGCTGCTTCTGTGTGTGGGTGAACAGAAGTGGAGATGGG  
GGCCCATGGAGAGCCAGTGCCCCCTGCCACCCCTGTGCCCTGTATCTAATATATAAATATAGAGATGTG  
G  
>GBEQ1386 |Acc|CD464870|Ver|CD464870.1 GI:31386138|LeukoN4\_5\_B11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B11\_A026 3', mRNA  
sequence.:Start:1:Stop:560  
GATAGTCATGGCTGTGGTTGCTGTTATGGTTGCAGTGGCCGTTGGTGGTGCCGCAGTAGGCTGGTTCCGC  
CTCAGGAAAAAAGATTTCAGCTCACTCAGGACCCCTGAGCACAGGGAATGGGAGAGACTCTCCCTG  
AGGAACAGCCAACGTCACTGGTGTGAAGAGGCCGACAAAATTGAGGCTGAGCATACAATCACCTATTC  
ACTTCTTATGCACCCGGAAGCTCCAGAGGATGAAACAGAGCCCCGATTACCAGAACATTTAGTCTCTG  
TTGTCTTGCTGAGATTTGGGGAAGAGAACCGGAGAGGCCAGGATCTGGTGTCTTGTGGCCTGAATTCCC  
TTGAGGGAGGACGAGAGGACGCTGCAGTTCCAAGGAACGGGACTCTCCAGAGTTATCGACGAGAATCC  
TGAAGCTCCTTGTCTGAAAGCCGTAGACATGATGATCCAGATGACTGACTGTGCTGAATTCCTCCGTG  
CCTTAGCACTTCTACCATGAAGACTCTTCTGTTACACATCCACGACGCNAATAAAAATTACTTTTATT

>GBEQ1387 |Acc|CD464866|Ver|CD464866.1 GI:31386134|LeukoN4\_5\_B04.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_B04\_A026 3', mRNA sequence.:Start:1:Stop:455  
AAAAAAAAAAAAAAAAANNCTTTCCAGCCTGGGCCCCGGCAGGATGGCTCCCGCTAAGAAGGGTGGCG  
AGAAGAAGAAGGGCCGCTCTGCCATCAACGAGGTGGTGACCAGAGAATACACCATCAACATCCACAAGCG  
CATCCATGGCGTGGGCTTCAAGAAACGTGCCCCCTCGGGCACTCAAAGAGATCCGGAATTTGCCATGAAG  
GAGATGGGAACCTCCAGATGTGCGAATTGACACCAGGCTCAACAAAGCTGTCTGGGCCAAAGGAATAAGGA  
ATGTCCCATACCGTATCCGTGTGCGGTTGTCCAGAAAACGTAATGAGGATGAAGATTCACCAAACAACT  
CTATACGTTGGTTACCTACGTACCTGTCACCACTTTCAAAAATCTACAGACAGTCAACGTGGATGAGAAC  
TAACTGCTGATGTCAAATAAAGTTATAAAACCGC  
>GBEQ1388 |Acc|CD464864|Ver|CD464864.1 GI:31386132|LeukoN4\_5\_D11.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_D11\_A026 3', mRNA sequence.:Start:1:Stop:547  
CCCTCCCCCCCCCAGAACACCCCCCCCCAAAACAACCCGGGAGACCATCGGGGGCAGAATCATTGGAGA  
AGACTGAAGACAAGAAGAGGGGAGCGCACCGGGGGCGGTGAGCCTGTAGCTGCGCCAGCGGGCGCCACAG  
AGAGAGAGAGGAGAGAGGGGGACCCAGGCCAGCGGGAGAGGGGACCCCGGAGCTCAGGCCTTGCACAG  
AGCAGAAGCTGGAGTGGAGAGCCTGGCTTCACACTGCGGGGCTCGGGGGAGCCTGACTGCATCCCCCCCC  
AGCCTTCCTGGAACTGGAGCTGACACCTGCAAACCGGCCCTGGTGACCGAGGGTCTTGACCCCTCGCCGG  
ACCGTACTTTTGGAGCTTGGGAGCTGGGGCTGATGTTACTCGGTACCCACGAACCTCCAGTTTGCAAACT  
GAATAGACAATCGATTTTGTAACTTGCACTGGTTTGTCTTGAACCACTGAAAAGAGAGGGGAAGCTC  
ACAGATACGTCTATTTTTGCTTCTATGATGGCCTTGTAATAAATTTCTAAAGCTTC  
>GBEQ1389 |Acc|CD464860|Ver|CD464860.1 GI:31386128|LeukoN4\_5\_F08.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_F08\_A026 3', mRNA sequence.:Start:1:Stop:595  
GCTTGAAGCCAAAGAAAGGAAACTCACATTTTCAACATATGCCAGTTGGGAAGGTTTAAAGAAACCTCAGTG  
TGTATTAAGAATGTTGAGACTAATGAAGGAGAGAGTTAAGATCCATTTTTATTGTCTTGGAAAAACAT  
TGAATACACAGTTGAGGGAAAGACGCTGGAGAAGCCTTTTGGGGATATTGTTACTAGACCTTATGCCATG  
GTGCTTTCAGATGATGCTGTGTCTTTGTTCAGATAAACTCTCAAATAATTAAGGACTCTATTGTTGA  
ACAGAAGGACAATTGTTTACTTTTCTCTGTTATTTTTGTTTGGCCAGAGATAAATTTTACATTGGAA  
GAATAATAAAATAACATTTGTGCTCCATTGTTTACTGTTTACTGGTATGTCCCTTATTACAAAAAATGAG  
GATAAAACATATTTTACTACAATCTGACTTAACAAATACAAATGTAGTTTATATGTTATAATCGAATGT  
CACTTTTTTGGAGAAGATAGTTATATAAGTTATATTGTAATAATGTTTGTATTATTTTATTAAGACTAT  
TTTTGTAAAGCTCTACTGTAAATAAAATATTTCT  
>GBEQ1390 |Acc|CD464852|Ver|CD464852.1 GI:31386120|LeukoN4\_5\_H11.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_H11\_A026 3', mRNA sequence.:Start:1:Stop:317  
TCAAAGGGAATCAGAAATGTGTCTGCATTCGTATTGGCATACTGTGAGGAGGTGGGGAGATTGGTCTCCCC  
CACAAATCCCCTGACCTGTGTTCTCTTCCCTGATTGACTGTTCCAGCAGAGATGGGGCTGGATCGTCTCCA  
CCATGTGCTTACTTTCATGCTCCACTGAGCTGCAGTTTCTTAGTGCTTATGGAAAATAAGAAATGTGGAT  
ATGAATTTGTTTTTTCAAATCTTGGCCATGAGGGATTGACGGGTTAATTAAAGGAGAAGATTCCTAAAT  
TTGGGAGAGAAAATAAATGGAAGCACTGAGACCTTC  
>GBEQ1391 |Acc|CD464848|Ver|CD464848.1 GI:31386116|LeukoN4\_5\_D07.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_D07\_A026 3', mRNA sequence.:Start:1:Stop:478  
GCGCCAGGTCCAACAGGCTTGTGGCAAGGTCAAGATGGACAAGCTGCTCCTGAAACTGAAGCACTCGGT  
CATTGGCTCCTTCCCGGTGCAGTTACTGCAGTCCATCATGAACATATGTCGTGCCACTCTGGTGCTTCCC  
AAGGTCAACGAGAGGCTGCAAGAAGGCTTCCCTCTCCCGCTGCCAGCCACATCCAGGTCTTCAACCTGG  
TGATTGCGTCTTACCAGAAATTTCTGCTGCTCGGCGCAGATGTTCACTATGGCTGAAGTCGCCATGGGTG  
CCCGGGGCTGTACCCACGCCAGGAGGTGAGGGGTGCCAGCACCCGCTCCTGACCGGCCTGTGGGGCAC  
AGGCTACCTTTCTCCAGGCATCCCTTTCTAGCTCTTGACCCAGAGACCTTGCAAACCTTCTCTGAATTCA  
GATTGAGAAGTGATCTAAACATGGGGGAAGCTTGCTTGGAAAATGTGTATGTGT  
>GBEQ1392 |Acc|CD464843|Ver|CD464843.1 GI:31386111|LeukoN4\_5\_A08.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A08\_A026 3', mRNA sequence.:Start:1:Stop:447  
CAGTGTATTAGCATTAACATGTTGGCAGACAACTGAACATGACTCCAGAAGAAGCTGAAAGGTGGATTG  
TAAATTTGATTAGAAATGCAAGATGGATGCCAAGATTGATTTTAAATTAGGTCATGTGGTTATGGGTAA  
CAATGCAGTATCCCCCTATCAGCAAGTGATTGAAAAGCCCCAAAAGCCTTCATTTAGAAGCCAGATGTTG



GCCATGAATATTGAGAAGAACTTAACCAGAACAGTAGGTTTGAGGTTCCCTAACTGGGCAACTCAGGACT  
CCGGTTTTTATTGAAGAACTGTAAAGAAAAGATGAAAAAAGTTATAAAAAAGATGAAATAATAAACCCAT  
TATGTAAAGGGTGACATCCATTTTAGAAACAATTAACATATTGAGTATAAATTTTGGATAATTTGAATAA  
AATTGGCTGTGTTTCATTTTTTTTTTGT  
>GBEQ1393 |Acc|CD464841|Ver|CD464841.1 GI:31386109|LeukoN4\_5\_A11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A11\_A026 3', mRNA  
sequence.:Start:1:Stop:359  
TACATCCAGGCAGTAAGTAGGTCCGGTTCTTCCCTCCCTAGGGCGCTGAGAGAAGTCCCTTTTTTTCAG  
AAACCCCTTTGGGATGGGATTTCCCCAGGCAGGAGGAGGATGGAACACCCATTCTTGGATTTAATCTTTC  
CCTTTGACCCAAAATTTCCACAAAAATGTTTCAGAAAATGTCTGAGACTTAAGCATTTTGCCCTACCC  
ATTAACCTGCCAATTCCTCAGGACTGAAGAGGGGCGGATAACAGGCATATTTGAGGGGGCATTTTTGTGT  
AAGAGATGTATGGAGTCAGGAGGTACCCCTTCATATACTGCTCTGTGCTAAGAGAAATAAACAGATT  
TCTTTTTCC  
>GBEQ1394 |Acc|CD464831|Ver|CD464831.1 GI:31386099|LeukoN4\_5\_E08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_E08\_A026 3', mRNA  
sequence.:Start:1:Stop:357  
TCTTTCCCCACCCCAATTTTTTATCCATCTACCCAGATTCTATTTATTCATTAAGATTCTCTCAGGA  
AGGCCCCACCCCTCACCATTTTTTTCATAACCAGTGCTCAATTAGTCCAACCTCATGGCAATTTCCCTTTT  
TGCTCTCCTCTGCAAGTTAGTCTGTAAACATGCAATTTTGTGCAAAATACAGTTTGGTTTTTAAATG  
TCACCTAGATTGCTTTCTAAAATTATCACATGTATGTTTTCTCCCAATTTTACCCTCCTTAAAGGCA  
GAGATTGTGCCCCATTTCTGGAATATCTAGTTTATTACTTGACACTCAATAAATGTTTCTCAAATAAAT  
CAGAAAG  
>GBEQ1395 |Acc|CD464757|Ver|CD464757.1 GI:31386025|LeukoN4\_6\_B02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B02\_A026 3', mRNA  
sequence.:Start:1:Stop:590  
TCCCTCATTTAGCACCATTTATAGTTACAGACATCTGCATTTTTTAGAAGAGTTTTACCCATTTATTATTTT  
TTTTTATATTCAAGAACTGCTGACATACTAGGGATGTAGTAGAGTATAAACTTGAAAAATGCAGATGTT  
GAAGGAGTAATAGGTATCTTGTGCTTTAATACTTTGTGGCAGGATTGTAAGCAAAATGAGTCAAAC  
TACTATGTAAATCTCAAACAAAACTAAAAATGAACCAAAGTGAAAGGATAGCTTCCAGGCAGTATGTT  
TCTATTGTAACCTGTTATTTAAGGAAATACTAGTGATTGTTTCTAAATAGGATGTACAACCTTGTCCAAA  
TTGCTCCTCTTCAAGTCTGCTGCTGCAAGAACTCAATGTAACTGTGATATAGCAACCCCTCCAGGTATA  
TTGGCAGGTATATGTGTGATCTCAGAATACGCAGGTGACATAGATTTGATATGACAACCGGTAATGGTGG  
ATTCATTTACATTTGTTTACACTTCTATGACCAGGCTTAAGGGAAGGTGAGTTTTTTAAAAACCAAGTAG  
TGTCTTCCCACCTATCTCAAATACATGTC  
>GBEQ1396 |Acc|CD464746|Ver|CD464746.1 GI:31386014|LeukoN4\_6\_A10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_A10\_A026 3', mRNA  
sequence.:Start:1:Stop:499  
CAAGTGCTGGCACACCCGTCCTCAAGGACAAATTTAAGCAAGCACTTGACATCATGAACAGGGCCGTGT  
CCTCCAATGTGGGGGCTACATGCAGCCCGAGCGCGGGAGAACATTGCCTACCTCACCCACACGGAGCG  
GAGGAAGGACTTCCAGTATGAGGCCATGCAGGAGCGACGGGAGGCTGAGAACATGGCCCAGAGGGGCATT  
GGCGCGGCCGCCAGCTCCGTGCCATGAACTTTAAGGACCTCATTGAGACCAAGGCCGAGGAGCACAACA  
TCGTCTTCATGCCCGTCATCGGGAAGCGGCACGAAGGGAAGCAGCTCTACACCTTCGGCCGCATCGTCAT  
TTACATCGACCGGGGAGTGGTCTTCGTCCAGGGCGAGAAGACCTGGGTGCCACCTCCCTGCAGAGCCTG  
ATTGACATGGCCAAGTAGAGGGCGGCCAGCGGAGCACACCCAGAGGGACATGTTTATGAATAAACGAGA  
TTTTAACCC  
>GBEQ1397 |Acc|CD464741|Ver|CD464741.1 GI:31386009|LeukoN4\_6\_B05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B05\_A026 3', mRNA  
sequence.:Start:1:Stop:459  
AGTGTTACTCATCACCTTGCTCTGTCTCAGTGGAGAGTTCTACCCAACATCCAACAGTCTTCTTCATGGA  
ACACACGTCCTTCCACAGAGGAAATTGACAGGATGGTCACAGACTTGGAAGGCAAATTGAAAAACGAG  
ACAAATATAGCCGGAGAGCTCCTTATAATGATGATGCAGATATCGACTACATTAATGAAAGGAATGCTAA  
ATTCAACAAGAAGGCAGAAAGATTCTATGGGAAATATCCAGCTGAAATTAACAGAATTTGGAAAGAGGA  
ACAGCTGTCTAATCTTCAGGAACCTGTTTGTACTGCCAAATGTACCAGTAAACCAGGACTCGGTCTATAT  
CTTTCCTTTTCTACTTTGTAAAAAGAATTATTCTCTGGATGCTATGTATTTTCATGCTTATATATTTAT  
TATTTCTTGTGTTAAAAAACCCCTGCTCGTGTTAACCC  
>GBEQ1398 |Acc|CD464732|Ver|CD464732.1 GI:31386000|LeukoN4\_6\_E03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E03\_A026 3', mRNA



GCAAGATAATAATAAGCGATGTTCCAGTAGAAAGGATCACATGTGCCATCCTCATGGAATTATGACCAT  
CGAGGATCCCACAGCGTTGAACAAACCAGAAAAGCTAAAAAAGAAAAAGAAGAAAGGCAAAATGGATCAG  
CATGGAATGATAATCCACACCCAAGAAGACTTGCAAAAAGAGGCAGTCCTCGGAGTCTGACATCGAGA  
GTGTCTGTACACCATTTGAAGCCGTGGCAAAGGGGNACNNGGCCANNAGGGGGGGGGGGGGGGGGGGGG  
GGGGGGGGTCCGTACATCTTCAATTTATCAATTAACATTT  
>GBEQ1404 |Acc|CD464702|Ver|CD464702.1 GI:31385970|LeukoN4\_6\_G09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_G09\_A026 3', mRNA  
sequence.:Start:1:Stop:534  
CCCCTGTTGTGTCAGAGAAGAAATGGAGAAGGTGTTAGCTGGAGAAGCGCCCTCAGTCAACGACCCCCCGGA  
CGTTCTGGACAGGCACAAATGCCTTGCTGCCTTGGCGTCCCTCCGACACGCCAAGTGGTTCCAGGCCAGA  
GCCAACGGGCTGAAGTCGTGTGTCATTGTCTATCCGGGTCTGAGGGACCTGTGCACCCGTGTGCCACCT  
GGGGTCCCCTCAGAGGATGGCCGCTCGAGCTGCTGTGCGAGAAGTCCATCGGCACGCCAACAGGCCCAT  
GGGCGCCGGCGAGGCCCTGCGCAGAGTGTGAGTGCCTGGCTCGGGCATCGTGATGCCAGCATGCTCT  
GCGACTTGCTGCGTTTGGCCAGCTCCATAAAGTCTGGGGATGGACCCCTTTGCCTTCTAAGATGCCCAAG  
AAACCAAGAACGAACTCCGGTGGACTACCGGTTCAAATCCCCCCCAGTACCACCTACGCCATTACGC  
CCATGAAGCGCCCGATGGAGGAGGACGGGGAGGAGAAGTCGCCC  
>GBEQ1405 |Acc|CD464595|Ver|CD464595.1 GI:31385863|LeukoN4\_1\_F10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F10\_A026 3', mRNA  
sequence.:Start:1:Stop:638  
CATGGCAGCAGCTCAAGCAGTTCAAGCGACAGCTCAGATGAAAGAGGGACGAAGAATCAAGTTTAAAA  
GCCAGTTATGAAGCATTTAAGAATAATGACTTTCAGCTGGGAAAAGAATTTTCAATGCCCAGGGAAACAG  
CTGGCTATTCATCATCTTCAGCACTCATGACTACGTTAACACAGAATGCCAGTTCGTCAGCAGCCGACTC  
ACGGAGCGGGAGAAAGAGCAAAAACAACAAGTCTTCAAGCCAGCAATCATCGTCTTCTCTCTCTCTC  
TCTCTCTTATCGTCTGTTTCTTTCATCATCAACTGTTGTACAGAAATTTCTCAACAAACAACAGTAGTAC  
CAGAATCTGATTCAAACAGTCAAGTTGATTGGACCTATGACCCAAATGAACCACGGTATTGCATTTGTAA  
TCAGGTATCTTATGGTGAGATGGTGGCTGTGATAACCAAGATTGCCCTATAGAATGGTTCCATTATGGA  
TGCGTTGGATTGACGGAAGCACCGAAAGGAAAGTAGTACTGTCCACAGTGCCTGCCGCGATGAAGAGAA  
GAGGCAGTCGGCACAAATAAAGTGGTCATTTTCAATTTGAGGAAGAAAAAACTTCACTAAACATTTTAT  
ATAGGACT  
>GBEQ1406 |Acc|CD464594|Ver|CD464594.1 GI:31385862|LeukoN4\_1\_F03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F03\_A026 3', mRNA  
sequence.:Start:1:Stop:493  
GGAGGCTTTGCATAATCCGTCTTCACAGCTGCTCCTAGAGGGAGGGGGCCAGGCCCTCTGTCCGGGGCAAG  
AACCAACCAATTCCTCTTTGCTTTGCTTTCCGCTCAGCTTCTCTTGTGTGATTGAGGGGGGTGAGTGTCTG  
AAGGAAGAGTTGTTTAAATTTAATTTGCTTTGAGTACAACATGTAAGAGGGCATGGTGGGGCCTGTTT  
ACCCCATGATGCTGTTTAAACCTGGTGGTGTGCTGCTCCCTCCCTTTGCTGCTGCTAGAGGATCTTTGT  
GGCCGAGGAGCTGCTACAGCTGGGGTGGGGCCATGCCCTCCTTTCCCTTTGGCCCTTTGCTCCATCCTG  
TGAGGGGGATGAAACAGGGATGACCTGGAGGCGACCGAGACCCCTGTTTGGAGAGGGAGGCAAGCCCTGT  
TGACACAGGTCTTTCCTAAGGCCACAAGGTCCAGGCTAGTGGCCCAGGACCATCATGCTACCTTAATAAA  
GAT  
>GBEQ1407 |Acc|CD464588|Ver|CD464588.1 GI:31385856|LeukoN4\_1\_C11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_C11\_A026 3', mRNA  
sequence.:Start:1:Stop:556  
CCCCCAAGGACCCCCAGGATTCCCCATGGCTCCCCCAGTTTCTTCTCTCTCCCTCCTCTCCACCTG  
CCTTCTGCCCCTTTGCGGGGGTCTCCGAGCCCTGGCCGGCCCGTCCCCCTCTCCAGCTCCAGGAGG  
CAGCTGAGAGGGATGGGGGGGGCAGATCTTGGACTCATGAGGAGGGACCTCCCTGCCCTGTGGGGTCAGC  
CCTCCTGGAACCTGTGAAGACCTCACTCTGCCCCCCCCCAATCTTTGGGACCAGGATTGCACAGCCG  
CGCACAAGTCCCCCAAGAAGTCCCTCTTCGGAACAGATAGGCCCCCCCTCAGCCCCACGCGAGGCTCT  
TCCTCTCGTTACCTCAGGCCCGGTCCTGTCTGGAATTTGTTCCCAATGTCTCCTTCTCTCTCTG  
CCGGAGCAGGTGGAACAGGAAATAGCCATTCCCTCTGCCCCATCGCCGAGCGGGAGAGACGGCTGTAG  
CCGSACACTGAAAACAATGTAAATATTGGCATTGTTGGTTGATTCTTTTGTAAATAAATATTTT  
>GBEQ1408 |Acc|CD464587|Ver|CD464587.1 GI:31385855|LeukoN4\_1\_H03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_H03\_A026 3', mRNA  
sequence.:Start:1:Stop:693  
TCAATATATAAGAAATTTAGAAAGATTAGGTGCCAAAATACCCAGCACAACTTGTAAATTTTTCTGAT  
CCTACAGAACTAAAATCCCAGGAATGTAACACTCTGGACCTTGTGTAGTTTATTCCTTCAGCCATTT  
CAAACATGAAAGTAGGGCTGTATGGTTACTTGCCTGCTCACTTTACGTTTACATCCCCACGTTTCAGAC

CAGTGTACATCAGGTTTGCTCAATTTCTTTTTTTTTTTGGATTTTACCAAGTCTTACAGTTATTATTTA  
ATGTCTTTCTATAAAAGTCATTTTGTGCTGTTATGGGAAACCTCCATTTTGAAAATCTACATTGTACAGA  
AGCACATGTCTTAAATGTCTCCAGACAAAAAGCCTTACAGTTAATTTTAAATGTTTGCACCTTGGGGTGC  
AACTTACAGGGAGGGCCTGAAAAGAATGGGAGGGGGCTTAAAGTATTTTAAAGTAAATGTTGCCTTTGTC  
TTGTGCAGAACATGTAGAATATGCTCTTAAATTTAGTAAATATTTTTTAAAGTTAGAGATGCTTTGTT  
ATTGTAGCTAAAGCAATTCTTAATCATAAAATTTCTGAAATCTTGTAATTTTTTTCATACTTATCTGA  
AGTTGTTTACCAACTTATTTTTGTTGAAGTGTGATTTTCTTCTTCTTCCCAACCTC  
>GBEQ1409 |Acc|CD464581|Ver|CD464581.1 GI:31385849|LeukoN4\_1\_G08.b1 A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_G08\_A026 3', mRNA  
sequence.:Start:1:Stop:563  
ACATTTACACAAAAGCATTGGCAGAATATGTTGTACAACAAGAAGGAGCAAAGCTAAATGTGGCGATTGT  
AAGGCCCTCGATTGTTGGGTGCCAGTTGGAAAGAACCTTTTCCAGGATGGATTGATAACTTTAATGGACCA  
AGTGGTCTCTTTATTGCGGCAGGGAAAGGAATTCCTCGAACAAATGCGTGCCTCCAACAATGCCCTTGCAG  
ATCTTGTTCTGTAGATGTAGTTGTCAACACGAGTCTCGCGGCAGCCTGGTACTGTGGCACTCCGTGAAA  
TTAGACGTTATCAGAAGTCCACTGAACCTTCTGATTGCGCAAACTTCCCTTCCAGCGTCTGGTGCAGAGAAAT  
TGCTCAGGACTTCAAAACAGATCTGCGCTTCCAGAGCGCAGCTATTGGTGCTTTGCAGGAGGCAAGTGAG  
GCCTATCTGGTTGGCCTTTTTGAAGACACCAACCTGTGTGCTATCCATGCCAAACGTGTAACGATTATGC  
CAAAAGACATCCAGCTAGCACGCCGCATACGTGGAGAACGTGCTTAAGAGTCCACTATGAGGGGAAACAT  
TTC  
>GBEQ1410 |Acc|CD464579|Ver|CD464579.1 GI:31385847|LeukoN4\_1\_B09.b1 A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B09\_A026 3', mRNA  
sequence.:Start:1:Stop:576  
TAGGAAGCATGTGTAGTTTATATAACTTTGAAGACAGAAGTGGGAAAATTGAATGAACACAAAATTTTA  
GAGAAGAACTTCAGAGAAATATTTCTATACAGTGGGCATACATGAATAATTCTGAGAAGATCAGGAA  
CCTCTCTATCACACTGCAAGAAATAGCCACCAAATATGTGATGAGCTGTATAGAAACAATCAAGGAATT  
TATAAAATCCAGGAGATTATGGAATCATTTGGCTGGGATTATCTCCAGAAAAGATTACACACCTTCCAAG  
CTCTTGGATGAGACAATTAGCTCCTCTGATTGGTTTCAAGTAACACAAATGACTTAAGCAATGGGAAGT  
ATTGCGGATATATACGTGATTATATATGTTTATACGATGAGTGCACCTAGTTTAAAAAATGCTGTCTGTGA  
GAAGTTGGCTAATCCAGTGAAGATTGAGAGTACCTAATGAAGGAAGTACCAGATGGAGGAATGTAGTCA  
GTGCAATTATTTTGCCTCAGCTATTATCTGCAATTTAGAGGGCATACATCTTGTGGACGATACAAATGG  
AATAAAGATGCTCTAA  
>GBEQ1411 |Acc|CD464577|Ver|CD464577.1 GI:31385845|LeukoN4\_1\_F02.b1 A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_F02\_A026 3', mRNA  
sequence.:Start:1:Stop:442  
GCACAGAAACATACAGCCCTGTATCCACTGCAACAGGAGTCCCATCACCAGGCAGAAAGCGATTGAAA  
CCAAATGTAGAAAGAATAATATTTGTCGACCTGGACAGTGATCTTACAGGCTGTGACGAGAGCTCC  
TGAAGGTCAAGGCACAGTCCAGCCCACCTAGCTTGACAAGGACTCACAGCAAATGTGTTTTTCATAGCCCC  
TAAACAGAGGCTCCTCAAATCTAGAAAACTCAGTAAATCCTGCCTCTCCTTTCAATCAATCCAGGTTAC  
TGAACTGCCAGTTGAGATGGGGTGGAGTTAGGTTACATCTGGTATGCAGTCTTGGGAGAACCAATTAT  
AGAGATGGCCTTCTAAGTGGTTTTTAAATTTATCCTATTGAAGTTTTTAGGTCAATTATGTATGTTGACT  
AAATTTACAAATAAACTTGT  
>GBEQ1412 |Acc|CD464576|Ver|CD464576.1 GI:31385844|LeukoN4\_1\_B12.b1 A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B12\_A026 3', mRNA  
sequence.:Start:1:Stop:234  
AATCTGCAAAAATTCACCAGGCAATATTAACAAAGTAATTTCTTGTGTTAAACTTATTTATGATGTG  
CAAATAGATTCTCATAATTTAAAAAGAAATATTGTGGTTTTTAACTCTGCACTTTTTTCTTCCACTTTA  
AGATGGTTTATGTGTTCCACAAAGAGATTTTCTTCTACTGTTTTTGATAGCATGAAAATATAAATGTACC  
ATTAATACTTTCAAAATAAAATTT  
>GBEQ1413 |Acc|CD464573|Ver|CD464573.1 GI:31385841|LeukoN4\_1\_C07.b1 A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_C07\_A026 3', mRNA  
sequence.:Start:1:Stop:550  
TCAGCTGCCGCTCCATCAGGGTCCCAGTGATCTGTATGTGAGGAGAAGAAGCAGAGGCCCCAGCTTCACC  
CAGCTTCAACTAGTGCCTGGACCTGCCACCTGAGGGGCCAGGGCCTCCCCACCTGCTGGGAGACCTT  
AGTGTGTCGCGAGCTCCAGCGCAGCCCAAGGCCACGCCACCTAGCCCTTTGGCTCCAGCCTATCGCCGG  
CCACTCGCCCCACAGCCTTCTGCTACCCGCGCTGTGGTTGGACTGGACAGCACGGCACAGGGCCTGGT  
GGGAAAACCACTGCCCTGCCCAACGAACCTGACACAGGCAGGGACAGCTGGACCACAGAGTTTATTTT  
GTATTTTGTACTGGGTGAGCCCTGGGCCTGCACACTCCAGCCCAAGGGCCTGAGACCCAGCAAGCTGGC

CCCAGCGGTTCATCCGCCCTGGGCTTGGGCTGGGCCCTGGCGCCACCTGTACCCTCTCCCCCTCGCCCT  
TTGGGCAGCGTGCAGTGTCACTTTGCTGCAGCTCGTTTGTTCCTCAATAAAAGTTTC  
>GBEQ1414 |Acc|CD464568|Ver|CD464568.1 GI:31385836|LeukoN4\_1\_B01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_B01\_A026 3', mRNA  
sequence.:Start:1:Stop:181  
AGGTGGGGCTGGGCCGGCTCCCTCCCTGTTTTAACTTCTGTTGCACTCACTAGTGATCATTTGCTTCCT  
TGCTGAAAATATGGATCCAGATATGAATTTTTTCTAATTTCTTCTTAAGGGATTGATGTGTTAATTAAA  
GAAGAAGATTCTTAAAGTTTGAGAGTGGAAATAAATGGAAG  
>GBEQ1415 |Acc|CD464564|Ver|CD464564.1 GI:31385832|LeukoN4\_1\_D01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D01\_A026 3', mRNA  
sequence.:Start:1:Stop:462  
CAGTTGGGAGCACTGGGTTGGCTAACATCTGGTATCCTGGCACCAGTGAAGGGTGTGTGGGTCTGCCTG  
GTGGCAGAAGTTTCTTCCAGCTTGGTGTCTTCTGCTGGCCATGCTTTCCTGCTGCTTCTGACTACTCAGAC  
TGGTTTTCCGTGTGAAGTCCCCAGCTGCACACTGGGGCTGTCTGCCAACGTTTGTCTCTCCAAGATCTTT  
AATTCCTCCTGGCTGCATTCTGGTGGGGCTGGTGGTGCCAAAGGCCCTATCTGGTGAAGGACCTGTT  
GCTGCTTCTGTCTCTTCCACCCCTTCTGGCTGATGACCCAGAGCCCTCTGATGATGGCATTTCCTGG  
CAAGAGAAAAGGACTTGACTAGCCTTCTGAACCTGAACAGTTTCAGGTTATATTTAATTTTTTTTTTTG  
TACAGGTTCTGATTAATACATTTCAACATGTTTTTTTCCCT  
>GBEQ1416 |Acc|CD464554|Ver|CD464554.1 GI:31385822|LeukoN4\_1\_G03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_G03\_A026 3', mRNA  
sequence.:Start:1:Stop:629  
TGAAGAAGCAGCTGCGGGAGATGGAGCTGGAGCTGGCGCAGACCAAACTGCAGCTGGTGGAGGCCAAGTG  
CAAAATCCAGGAGCTTGAACATCAGAGAGGAGCCCTGATGAATGAAATCCAAGCTGCAAAAAAAGCTTTGG  
TTTAGCAAAACCCCTGAAGTCTATCAAAACGGCCACGGGCACCCAGCCACTGCAGTTGCCACAGCCCACCC  
AGCCACCCAAGGAGAGCACATAGTTCCAGCCTCACCAAGCACAAGAGCACAAGGATCAACGCGCCAGAA  
ACCCAGGAGGATTCCCTGGCGGTCCCTTTGAAGGAAAGTAAAGGAGGCCAGAAAGCAAGCCAGAATCTT  
TCAGTAGCTCTCACTCTTTCTTCTATGACACTTTTCAAAGGGATGTTATTTAACTGATCTGATTTGTGT  
TGAATACCTGTTTTCGAGCTTCTTTGTGGAAGGCCATGTTTCAAGTCCATCATAGTATTATGCATTATTTT  
TTATGCCTGATGTTTAGTTGGAATAAGTAATTCAGAACTAAATGCTTTTTATTTAGAACTAATTATTCA  
TAATTTATTTTATCTTACATAAAATGGAGATGTCTTTTATTTCAAGGTTTAAAGTGATAGGAGATATT  
>GBEQ1417 |Acc|CD464551|Ver|CD464551.1 GI:31385819|LeukoN4\_1\_D08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D08\_A026 3', mRNA  
sequence.:Start:1:Stop:607  
AAGAAAGAAGAAAGAAAGGCATAAATCATCATCTCATCATCCAGTGATTCAGATAGCTCAAGTG  
ACTCTCAGTCTCTCTTCGATTTCTGATTCTGAAAGTGCTTCTGAAGAGAAATCAAAAAAAGAAAAA  
GAAACATAGGAAAAATTCGAAAAACACAAGAAAGAAAGAAAGAGCGAAAGAAAGCAAGAAAGCGCA  
TCTAGTGAAAGTGAGGCTGAAATCTTGATGCCCCAACCGCAGTCTACTGTCCGTCCAGAGAGATCCCTC  
CTATCCCTGAAATCGATTCTTAATGAGGAAAGTCTCTAAAGCTGATGAAAGGAAAGGAAAGCCAG  
AGAGAGGGAGAGAGGGAGAGAGTGAATCCACCTAATTTCCAGCCTGCTTCATACCAGAGGCGACTTTTA  
GTTACTCGGTCTGGCAGGAAAATTAAGGAAGAGGACCAAGGCGTTATCGGACTCCTTCCAGATCCAGAT  
CAAGGGATCGTTTCAGACGTAGTGAGACTCCTCCACATTGGAGGCAAGAGATGCAGAGAGCTCAAAGAAT  
GAGAGTATCAAGTGGTGAAGATGGATCAAAGGGGATAAGAGTGAGT  
>GBEQ1418 |Acc|CD464488|Ver|CD464488.1 GI:31385756|LeukoN4\_4\_B01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B01\_A026 3', mRNA  
sequence.:Start:1:Stop:261  
TGAGACTCACAGAAGTTGAGTAGCTTACCTCGCTTCATGGTGACAAAGCCAGGATTCAAACCGGGGCTG  
TCCTGGCTCAGAAGCCATGGGAATACATGAAGTAAGAAAGTATAGAAATTATAAACTAAATGTGCTGTA  
ATCACTAATCTAGTTTCTTGTGTTTTAAAGATGAGCTATGAGGCAAAATAGAGTTTAAAGTGAATTTGTCAA  
GATATTCCAGTATGTTTAAAAACAAATCCCTGTGTGCTGGAATATAAT  
>GBEQ1419 |Acc|CD464487|Ver|CD464487.1 GI:31385755|LeukoN4\_4\_C03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C03\_A026 3', mRNA  
sequence.:Start:1:Stop:681  
CCATGGGTATTTCGTAAACTGTAAACTGAGATATCAGTGACTCCATATTATAACTCCATNAGAGAGCTG  
CGGGTAGGGTAGGATTTTCTACTTCTTCTGTACTTTTACTTGTAGACTATTTTACTAAGGTGCTTTAT  
AATGTGTTTTAAAGCATTTGCATTTACAAAAAAGGAAAAATGCTGTAAATATTGCATATTTTATGTATTT  
GGACCAAAAGGTTATGAGTAATTAGAGAAAAGTGGTTTTGCACCATTTTATTATGTTGAGTAAACCAT  
CAGACCTACTGTTCTTGTATTCTCATTTAAGTCTTACTGTTAAGACATCACTGAAATGAACCTCAATAAC

CTTTCAATTTTGATACACAGTACATTATTCATAATTAGGGGCAGTAGTTACAGTGGAAAGAGTACTGGAC  
AAGGAATCAAAAACTTGATTTCTGGTCTGGCTCTGCCACCTGGCTGTGTGACCTTGGGCAAGTCACTT  
AACCTCTCTTTGCCTCAATGTCTCATCTTTGAGATGAGGATAATAATACCTGCTGTACCTACCTCACAGG  
GGTGTGTGAGGATTAAATGAGATGGCATATGAAAGCACTTTGAAAACCTATGCGCTATATAAATGTAAG  
GTATTATGGGAACATCTTTAACATATAGTTTCATACCATTCAATTTTTAGCT  
>GBEQ1420 |Acc|CD464485|Ver|CD464485.1 GI:31385753|LeukoN4\_4\_F09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_F09\_A026 3', mRNA  
sequence.:Start:1:Stop:417  
GCTTCCAAGAATGAGGCCAACTGAACTGAATCAACTTTTGAAGAAGCTCAGACTTGAAGAAGTTACTGGG  
AGCTGCTGTTCTATATTCTGACTGCTTTTTAAAAATTTTGTTCAGGGATCTGATAAAATCCAGATCTTTAA  
TATTTTTAAGCCCCAAGCCCTTTGGACACTGCAGTTTTTTTCAGTTTTGTGCTTAGACCCGACTCATTTTTTG  
CAGCTCATTAAGCTGAAGAAGCCTGGGGATAAAGTTTGAACAAAGGTTAATAAAGTTCTTTCCCTAGTA  
TACGGTATATTTTTATTTTCATGCCCCCTGATTTGTCCAGAAAGCAAAGTTGTTATAGAAAGCTAATCA  
TGGCATGTAATATGACTGATAATCTTTGCGGGAATTTGATTAAGATCTGAAATGCCAGTCCAATGT  
>GBEQ1421 |Acc|CD464478|Ver|CD464478.1 GI:31385746|LeukoN4\_4\_B08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B08\_A026 3', mRNA  
sequence.:Start:1:Stop:673  
TTCAGAGGAAGATCAGGGCTCTTATTGGTGCCACGCAGTGTTCAGTTAGGCGAGAGCGAAGAACGCCCTT  
CAACTTGTGTTCTCTCAGTTATCTGGTGCCCTCAAACCATTTCTTGAATAATTGCTGAAGTGGTCTTTT  
TAGTGGCTATTATTCTGCTTTGTGAAATGTACACTCAAAGAAAAAGAAGCAGCCAGATGATGGGAAAGA  
ATTTAAACAAATGGAACAGCTGAAATCAGATGATAGCAATGGTATAGAAAATAATGCCACCAGGCACAGA  
AAAAATGAATCTGTGAGCCAGTGAATGAGAAGCATCATGTCAAGACTCACGGGAAGATACAGTTTGTATT  
TCAGCTTTGTGTATGCTTCTGTTAAGAACATCTGAGTTTTTATTTTTAAAGGATGGAAAATTTATGCA  
ACATGCTCAGCAGTAGCTTTGTAAATAATCTATGCTATCAGATCTAAAGATATATTTTCATTCTGTAATT  
ATTTTACATTAAAGCCAGATAAATGTATTAAATGTATTCTATGAGCTGCAACCCAGGATAATTAATTTTC  
ATCCTGATCCTGAAGGGACACAGAGCAGACACCAGCAAAACCAGTTACTAGTACATAGAGCTAATGTCTC  
TCAAGACCTGTTTATAACCAAGATTTCATTAAGAGAAAACT  
>GBEQ1422 |Acc|CD464474|Ver|CD464474.1 GI:31385742|LeukoN4\_4\_H05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_H05\_A026 3', mRNA  
sequence.:Start:1:Stop:676  
AAATGAAGTGCTGACAAAGACATATAGGATGAGGTGAGAGCCAGATGATTCTGATCCCTTTTCTTTTGAT  
GGACCAGAAATTATGGGTTGTACAGGGTGCCAGATAGACTGGAAAAAAGGAAAGATGCTCACTTTGAAAA  
CCATTAAGAAGAAGCAGAAACACAAGGGACGTGGGACAGTTCGTAAGTGTGACCAAAACAGTTTCCAATGA  
CTCTTTCTTTAATTTTTTGGCCCTCCTGAAGTTCTGAGAGCGGAGATCTGGATGATGATGCTGAAGCT  
ATCCTTGTGTCAGACTTTGAAATTTGGTCACTTTTACGTGAGCGTATAATCCCAAGATCAGTGTTTACT  
TTACTGGAGAAGCTATTGAAGATGATGACGACGATTATGATGAAGAAGGTGAAGAAGCGGATGAGGAAGG  
GGAAGAAGAAGGAGATGAGGAAAATGATCCAGACTATGACTCAAAGAAGGATCAAATCCAGCAGAGTGC  
AAGCAGCAGTGAAGCAGGATGTATGTGGCTTGAGGATAACCTGCAGTGGTCTTCTGCTTCCCTGGAAG  
GATGAATTTACATCATTTTGACAAGCCTATTTCAAGTTTTTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG  
TTTTTGAGCCTAAATAAAAAATGTCAAATATAATTTAGGAATAGG  
>GBEQ1423 |Acc|CD464472|Ver|CD464472.1 GI:31385740|LeukoN4\_4\_B04.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_B04\_A026 3', mRNA  
sequence.:Start:1:Stop:688  
AGAGCCAGTAAAGAAATGTTAGAAAGCAGATATCATCAAATTTGTTCTGGGAAGTGTGAAATCAAAGTT  
GCACAGCCCAAAGAGTATATAGGCAGCAACAGCAACAACAAAAAGGAGGACGAGGTGCTGCAGCTGGTG  
GACGAGGTGGTACTAGGGGTGCTGGCCGAGGTGAGGGCCAAACTGGAACCAAGGATTTAATAACTATTA  
TGATCAAGGATATGGAATTTTACAATAGTGCCTATGGTGGTGATCAAACCTATAGTGGCAATGGCGGCTAT  
GATTATACTGGGTATAACTATGGGAACATGGATATGGACAGGGATATGCAGACTACAGTGGCCAACAGA  
GCACTTACGGCAAGGCATCTCGAGGGGGTGGCAATCACCAAAACGATTACCAGCCATATAAAGGAGGAC  
ATTGGAGAAAACAGGAGGAGATTGCTAAAGTAACCCATCTTGCAGGACGACATTGAAGATTGGTCTTCTG  
TTGATCTAAGATGATTATTTTGTAAAAGACTTTCTAGTGTACAAGGCACAACCTGTGCCAAGCTATATA  
GCTGCCAATTAGTTTTCTTTGTTTTTACTTTGTCCTTTGCTATCTGTGTTATGACTCAATGTGGATTTGT  
GTTTATACAAATTTTATTTGTATGATTTTCATGTTAAACCTCANAATAAATGCTTCCTT  
>GBEQ1424 |Acc|CD464458|Ver|CD464458.1 GI:31385726|LeukoN4\_4\_C12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C12\_A026 3', mRNA  
sequence.:Start:1:Stop:575  
AGTCACTTTGGCACAGGTGTCGTGGAATATGATGCAGAAGGCTTTACAAAACCTCACTCTGCTGCTGATGT



GGAAAGATTTTTGTTTTCTTGTACACATTGACCTGCCCTGTTTTTCCCTCGAGACCAGCCGACTCTCAC  
ATTCCAGTCCGTCTATCACTTTACCAACAGTGGACAGCTTTATTTCCAGGCCCAAAAAATTTATCCATAC  
AGCCCCAGATGGGATGGAATGAAATGGCCAAAAGAGCAAAGGCTTATTTCAAACCTTTGTCCCTCAGT  
TCCAGGAGGCAGCATTTTGCCAATGGAAAGCTCTAGGAAACACCAAGTGTGAGAGGTGGCCAGCCAGACTG  
CTCTGTCCACATGCGTGTGACGACATATGGCCGCTTCTTGAAGCCACTTGAATGTCTTCATGGCAGCA  
TTTTGCTCACACAGCAGCTTTGTGCGCCCCAACTGGAACCTCAACTTGAAGTGGCTGGCAGTAACCTGGA  
TCCTTGAATTTCCCACTTCTGGTTCCTCCCTCCTTGTTCCTGCAGTATATTTCTTAGTGGGAGAAATAA  
AATCACAAATCACGA

>GBEQ1425 |Acc|CD464453|Ver|CD464453.1 GI:31385721|LeukoN4\_4\_E05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_E05\_A026 3', mRNA  
sequence.:Start:1:Stop:700

CGCATAGGAATTAAAGAGGGAGCAGATAGCAGAGCAGAGGGAGTAGATGCAACCAGGCGTTAATTGGCTT  
TATTTCTTTTACAGCTGCGGTTGTATCAAGAATTACTGCAGAGCTTCGGTGCCAGTGCATCAAGACGCAC  
TCCAAACCTTTCAATCCCAAACCTGATCAAAGAAATGAGAGTGATTGAGAGTGGGCCACACTGCCAAAACCT  
CAGAAATCATGTAAGTACTTTCAAAGGAATTGGATATTTACTTTAGCAAACCTTAGAGTCGAGGAAGGT  
GGAAGTATCCGACAAAGTTCTAGGTACTAGGATTACAGTAGGGAGCAAAACACAAAGGAAATTCCTTTGT  
CTGCCTGACATTTAAATATGGTACCTTCCATGACTAAAATAGCTTTGAAGTGAATTTTATGCCTATACT  
TAAGCATCCATGACTTGAACGGCAAAGGGAAGTCTGAGACCCACTAAATATCCATTTTAAATCATCTCTCT  
CATTTTCAAGTGTAAAGCTCGTCAACGGAGCTGAGGTCTGCCTGAACCCCATACAAAGTGGGTGCAGATTA  
TTGTGCAGGCGTTTTTTGAAGAGGTAAAGTTGGCTTTTTTCAAATTTAGATTCTTTGTCTATCCTGAGACATA  
CAGTTCAAAGTCAGCCTATAAAATTTGCTGCTGCTGCTAAAATCTCCTTGTGTTAGGTATCTGCCTCTTT  
>GBEQ1426 |Acc|CD464441|Ver|CD464441.1 GI:31385709|LeukoN4\_4\_D06.b1\_A026 Unstimulated

peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_D06\_A026 3', mRNA  
sequence.:Start:1:Stop:556

TTCCGCTTCCGGCGCTGCGGCGGTCTAGATCGAAGATGGCTGCGGCAGCTGCGTCCCGGGTTTCTGGGCT  
GCTGGGTGCGTCCCGGGCGCAGCTGGGGCGGCCTATGTCGAGTGGCGCCACGGCGAGGAGGGCTCAGCT  
CGCATGTGGAAGGCCCTCACCTACTTCGTCGCGCTCCCGGGGTGGGGGTGAGCATGCTGAATGTCTTCC  
TGAAGTCGCACCAAGGGGAGCAGAGAGACCCGAGTTCGTCGCTACCCCATCTCCGCATCAGGTCCAA  
GCCCTTTCTTGGGGAGATGGTAACCATACTCTATTCCATAACTCTCATGTGAATCCGCTTCCAACCGGC  
TATGAAGATGAATAAAGGGAACCTGGACCACTGCCAGTGGGGACCACAGCACTGGTTTGGACCATTA  
CTGCACATGGACCAGAAAAGTGTACGGGACCTTAAGCTCACCTTCTTCACTTGTATCAGATGATGACCAA  
TACCTGACCTTCCGCTCCCTTTGCTTATGGCAGGAGATGGCTTAAATAAATAACTTAGATTAGTCA  
>GBEQ1427 |Acc|CD464440|Ver|CD464440.1 GI:31385708|LeukoN4\_4\_E08.b1\_A026 Unstimulated

peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_E08\_A026 3', mRNA  
sequence.:Start:1:Stop:552

GTCGCTCAGTTAGTTGTGACAATGTGACAAAGTAGGTCTTCTAGTCCAAGTACCTTAGTTCCAGGAAG  
TAGCAGCCAACTAAGTGGGAATGGGAATAGCGGGACATCAGGGCCTAGCGGAAGTACCGCCGGCAAAACC  
ACCGCGGAACCGAGCAGCTCTCCCTCCACGTCCCTTAAAGGTCCCACTTCCAGGAATCACAGCTCAATG  
CCATGAAGCGGTTACAGATGGTCAAGAAGAAAGCCGCGCAGAAGAACTCAAGAAGTAATGTGGCCAAGT  
AGGTGTTTAGATCACATTACCTTAAAGATTGAAATCTTATTGTTGGGACCTTAACCATAATACGCTATAA  
TTTAATAAAATCTTCTAGTGAAATTTCTATTATTTCTTACCTTAAATACTAAATATTATTAGCAAAA  
CTTGGAATCTTTGGTATTTTAAATCTGTTTATTTTATTATAACAATTTCCATACTGTGAGTGAAACA  
ATAATTAGAATGACTAATCTTGATGAGAATCCAGAATCCCAAAGACTGGTAGCATATA

>GBEQ1428 |Acc|CD464438|Ver|CD464438.1 GI:31385706|LeukoN4\_4\_A07.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_A07\_A026 3', mRNA  
sequence.:Start:1:Stop:608

CGAGGCCGAGGCGGGGACCGTGGGGGCTCCGAGGGGGCGGGGTGGTGGGGACAGAGGTGGCTTTGGCC  
CTGGCAAGATGGATCCAGGTTAGTAAGATTCTAAATTTAGATAAAAGTAGAGCAACTGAACAGAGGTG  
TGGGATAGTGGATAGCAAGGTTCTGTTGAGGGTGGTTTCATTTTGAGGGCTAGATTGGAAGCTGAGTTA  
CAACATAGAGGGTAGGGAAGGAGGGGAAATATCTCAGGCAACTAATCTGTAGACCCACACTTAAAGACT  
CTATACTCTGTATGTAGAGGGAGGAGACATTTCTGGGGTGGGTAGCAGGGGCAGATGGGCAGATTGGAT  
TTTGGGGGTACGGTGGGTGGAGAGGTGGTAACCTCAGACCTAATGGATACTCTTTCTTGCAGGGGTGAGC  
ACAGACAGGATCGCAGGGAGAGGCCATATTAACCTGGCTCCTGAGGTTCTGGAACAGCTTTTCTCCTGT  
ACCCAGTGTACCTCATTATTTGTAACTTCCAACTCCTGATCTACCCACGGGTTTTTTGTGTCGGAC  
TATGTAATTGTAACCATACTTCTGGTTCCTATTAACCACTCGTTTA

>GBEQ1429 |Acc|CD464436|Ver|CD464436.1 GI:31385704|LeukoN4\_4\_G11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_G11\_A026 3', mRNA

sequence.:Start:1:Stop:436

CTGTGGGAGTTCGTAACAGAATCTCTGGGAGAGGAACAGACACATCACCTTAAAGCTGCGACTCTCGCCG  
GCACCTTCTCCTTACGGTCATCTTTCGATGCAAAGTGCATGGAAGTGCATTTCTGGGTATCAAGCTTCT  
TCTCTCAGAATCACATCATATGGCTATATTGTGGGGGGGGGGGGAGTGTGTATTTTATGCTGCTTCATT  
TGTGATTCGAAGACTGTGGTTGGAGAGTTCCCAGGATATATAGTATTTCCATGTCCGAGCAGGCTGGTCT  
TGTAGCACATTTTACAAATACCTAGCACTGGATACTGCAGAGTGGTGAGGTAGGAGGCAGTTTCCAAAG  
TTCCAGTCCAAAATAAAATTCATCTGTCATTGATTGCCTTTACTGTGTTCTCATATGGAACATTTAAAA  
TCGTTTCAATAAAGCA

>GBEQ1430 |Acc|CD464433|Ver|CD464433.1 GI:31385701|LeukoN4\_4\_G04.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_G04\_A026 3', mRNA  
sequence.:Start:1:Stop:661

TTATGTGGGGATTCAACGGTCTTGATATGTAAATGTCAAGATTGTGCTCCTTTAAATTGGACCTGGTAC  
AGTAGTAATGGGAGTGTACAGGTTCTCTCGACGTTCAAATGAATGATAAGTATGTGATCAATGGAACAA  
ATGCTAATGAAACAAGGCTCAAGATAATGCACATTTTCAGAGGAAGACCAGGGCTCTTATTGGTGCCACGC  
AGTGTTCAGTTAGGCGAGAGCGAAGAAGCGCTTCAACTTGTGGTTCTCAGTTATCTGGTGCCCTCAAA  
CCATTTCTTGGATAAATTGCTGAAGTGGTTCTTTTAGTGGCTATTATTCTGCTTTGTGAAATGTACACTC  
AAAAGAAAAAGAAGCAGCCAGATGATGGGAAAGAATTTAAACAAATGGAACAGCTGAATCTGTGAGCCAG  
TGAATGAGAAGCATCATGTCAAGACTCACGGGAAGATACAGTTTGTATTTTCAGCTTTGTGTATGCTTCCT  
GTTAGGAACATCTGAGTTTTTATTTTAAAAGGATGGAAAATTTATGCAACATGCTCAGCAGTAGCTTTG  
TAAATAATCTATGCTATCAGATCTAAAGATATATTTTTCATTCTGTAATTATTTTACATTAAAGCCAGATA  
AATTGTATTAAATGTATTCTATGAGCTGCAA

>GBEQ1431 |Acc|CD464366|Ver|CD464366.1 GI:31385634|LeukoN4\_3\_F05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_F05\_A026 3', mRNA  
sequence.:Start:1:Stop:635

GATAATAAATGTATATACCATTAAATAATGTAACGTAGGTGTAGATTCCCAAATGCATTTGGATGTACAG  
ATTGACTACGGAGTACTTTTTTCTGCTGATGATTGGTGTAGAAATGTGTGAATTGGGGTGGCTTTTTTACA  
CCTTGCCTACCACTGCATGAAACTCGGGGGTTTCTTCAAATGTGTGTGTCATACTTCTTTTGGGAGGGG  
GGATTCTTTTCTTTTCTTTTCTTGAGACTCCTACAGGAGCTAAATTTGTAATTTAGAAAATTTAAT  
TTTGTTAATCCTGTGTGGGGCACTTAAGTAACATCTAGAGCATTACTGCTTTAGAATGTTAAATAAAAT  
TTCTTGACCAATTTGTTTTGTGAAAATAGGTGTGTTTGAATTTGAAGATATCTTTTCAAAGGGCAATAT  
TACTGAAATACAATTTTAAATATGCTATAAACTCTGCTTTTCTAATACATGGACCCACACTTTAAAAAT  
CCCCAAACTTGGCTTACATCTAGATTACCCAGTACAGTCACAGAGGGAATGACAAGCCCTTTGAATGAGCT  
TGTGGCACCAATCTGTTTCAGGTTAGTGTACCGTGTAAAGTGGGGATGGGGTAAGGATGAGCAATAAA  
GTTAC

>GBEQ1432 |Acc|CD464361|Ver|CD464361.1 GI:31385629|LeukoN4\_3\_G10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G10\_A026 3', mRNA  
sequence.:Start:1:Stop:635

AGGCAGACAGAAGCATTAAGTGTGTGGCTCAGGCTAGCAAGAACAGATCACTGGCAGATTTTGAAAAGG  
CCCTGACAGATTATCGGGCAGAGCTCCGGGATGACCAATCATCAGCACACACTTGGCCAAGTTGTATGA  
TAACCTTACTGGAACAGAATCTGATCCGAGTCATTGAACCTTTTCCCGAGTACAGATCGAACACATATCT  
AGCCTCATCAAATCTCCAAGGCCGACGTGGAAAGGAAATTATCACAGATGATTCTTGACAAGAAATTTT  
ATGGGATCTTGGACCAGGGGGAGGGTGTCTTGATTATTTTCGATGAACCCCCAGTAGATAAACTTATGA  
AGCTGCTCTGGAACAATTCAGAACATGAGTAAAGTAGTGGATTCCCTCTACAACAAAGCCAAGAACTG  
ACATAGAGTTGGATCTGTAGCGGTCTTTGGAGAGTGTGTGTGGCGGGAGAGTGAACCTTTGGGGAAAA  
TGCTAGGAGATTCTTTTTTGTATGTCCTACTTTTCGCTCGGAAAGTTTTTAAATCCTCATTTGGTGC  
ATCTGTATTCCAGCCGATAGGTGTGCCAGTTTTTCATGTAATCTTTACTGGCCCCAATTGGGAGTGGGGAA  
ATTGC

>GBEQ1433 |Acc|CD464357|Ver|CD464357.1 GI:31385625|LeukoN4\_3\_G03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G03\_A026 3', mRNA  
sequence.:Start:1:Stop:602

CCCTCACCTTCGTGCCAGTCACGATCCCTGCTACTGGCAGATCCACATGGAGCGTGTGAAGGTGGGCAC  
AGGGCTGACTCTTTGTGCCAGGGCTGTGCTGCCATTCTGGACACAGGCACATCTCTAATCAGGGGACCC  
ACTGAGGAGATCCGAGCCTTGCATGCAGCCATTGGGGGAATCCCTCTGCTAGCGGGGGAGTACCTCCTCC  
AGTGCTCCACAATCCCAAGGCTCCCTCCAGTGTCCCTCCTTGGGGGGACCTGGTTTTACCTCAGCGC  
CCAGGACTACGTCATCCAGATTGTTTCGGGGTGGCGTCCGCCTCTGCTTTGTCGGCTTTGCGGCCCTGGAC  
ATGCTCCACCCACAGGGCCCTCTGGATCCTCGGTGACGCTTCTTGGGCAGCTTCTGTTGGCGCTCTCG  
ACCGTGGGGACATGAATGGCGGGGCCGAGTGGGGCTGGCGCGCTCGTCTCGCGGGGGCGTGACGTCG



AAGGGGGTGGACCCGCGCAGGCGTAGCTCTCCGGTGGACGCCCCAGTTATGCGCATGCGCAAAGGGTCGT  
AGCAGAGGCACCGCTACTCAGTAAAAATACTCCACTATTTCCA  
>GBEQ1434 |Acc|CD464354|Ver|CD464354.1 GI:31385622|LeukoN4\_3\_C06.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C06\_A026 3', mRNA  
sequence.:Start:1:Stop:582  
ACGTCAGTTGTCAATGAGGAGTGTCTTTTATGAACTGAGAGCCACGGAATCATAGTACAATTTCAATC  
CAGATATGGGTAAATTTGCTCATTGTCTTTTAACTGGTGGTAAAGTGGAAATGGCAGAAAAACCATT  
ATTATGGGTTTTGTGTCAGCATACATTTTCCACAAAATAGTTGTAAAGATTTAAGTTATTTTAATTTAT  
TGTGGATCAGAAAACCTAGATTAACTGGTCAGAAATTTGTAAATTACTTAGTTTACATCCCTTTTGAGCA  
GGTATCAAAATGACTTAGAATCCTTAAATAAAATTCATTCTAATTATTTAATTTATGTGGAAGC  
AAGGTGGGGAAGTTGTGATTATAGCTTTTAAAGATCATTCTTTCCATCCTCTGGGCATTTTCTTT  
GAGCTGTTTGTAGTTTTTGTCTTATTTAAAGCATCTTAAAGTTATTTAATGTGGGTAGGGGCACACT  
GTGCAGATACTTCATTTTGTAAAGTTGTAAATAGATGCTGTTTATACTAAACATGTCATATCTATGCAGT  
ATATATATTAAGAAAGCTTG  
>GBEQ1435 |Acc|CD464350|Ver|CD464350.1 GI:31385618|LeukoN4\_3\_D04.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D04\_A026 3', mRNA  
sequence.:Start:1:Stop:610  
TCCCAGATGATGCCAGCGTGTCTAACTGGGAATGTATCATAGAGACAAAGTTTTTTGACGACGACC  
TTCTTGTAAAGCACATCCAGAGTGAGACTTTTCTACGTTTGAGAGAAGAATGTGTGTGCATTTCAAGAAT  
TGGGGTTTTTTGGGGGAAGGAGGAAATGGTTTACTTTTTTCTCCACACTTTTGATTTTGTACACTTCTA  
CCCCTAATTCCTCTATGGCAAAACCCACCTGCGGCCACCAGGGGACCAGCTCTGTGTAGGTAGCCAGAT  
GGCTTTTTTCTCTCAAGCTGCCATCTTCCACCACCAGACTAAATCCCAACCCAGACCGGGGCGAGAG  
ACGTGCCCTCGACTCCTCCAGAGTAAACCTGGGGACGAACACATACCACGAGCTGATGCTGTTCTGTCA  
CCCTCCCTACCTCCTCTTGGGCCCGGTAGGCAACATGTCTTCTTTGGCCCCCGTTTGGAAAACCTC  
ACGTTTCGTGACCATGTTTGTGTTTCTTCTACCATTTCTATTTCATACATTTCTCATACATTTAAGTGT  
AAATAGACTGTGATATTATTATTATGTACTGAATTAACATGAATTA  
>GBEQ1436 |Acc|CD464343|Ver|CD464343.1 GI:31385611|LeukoN4\_3\_C09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C09\_A026 3', mRNA  
sequence.:Start:1:Stop:556  
CTCAAGAGCTTCTTTGAAGCCAAGAAGCTGGTGTAGTGTCTCTCCGAATGACCCTTCCCTCTCCAAC  
TTTGGTACTTTTCCCCAATAATACCTTATCCACCTGGATTTTGAGGGAAAAAATGAAAAAGAATA  
TAAGCCACACTGGTTCATGGCGGCAAGCATTTCAGATCAGCCACTTGTTAACACTGGTCTCAAGGACA  
CAAGACATTGGTCCAACTTTCAAGATCTGTTTTGAGATGTGGGCGGAGTTGGAACCTGACCCAGGACTC  
AGTCTTCTTTACCTCCAGGATTCCTCTATCCTGTGCACAAAACGAGCAAAATGAAAAATCTCTCCGAC  
TCCTTTAACTTCCCTCTGTCTGCTTACACAGTAGGCGACTGAAATGCCCCACCCAGGAGGCCCCGCCT  
CACTGCTCTCCGATCAGTCTGGGTTCACTCAGTGGCTTTGTGAATGTAAATAAGGGGCAGGTCTTGGC  
CCCGGAGAATTGAATGTTTTTCTATGTATTAGAACTATTTTGTATAAATTATATATTTCTCTC  
>GBEQ1437 |Acc|CD464341|Ver|CD464341.1 GI:31385609|LeukoN4\_3\_C12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C12\_A026 3', mRNA  
sequence.:Start:1:Stop:465  
CAGGGAAAGGAAAGCTAAGGAACCCCAAGCAAGGAAGTCATTGAATAAGAAGGACGAAGAGCACGTG  
TTGTGAGGAAGGAAAAAGAGATTGGCTGAGCAGGTATCCTCATCCAATGAATCAAAAAGATCAGAAATTC  
TTATGGATATTTCATATAAAAAATTAAGAATAAGGCTGCTGAAGATAAAAAATAAGCCCCAAGAAAGAT  
CCCATTTGCCCGTGATAAGGATCTCAAAGTTAATCGGTTTGATGAAGCTCAGAAAAAAGCCCTGATAAAG  
AAATTTAGAGAACTGAACCCAGATTTTCACATGGCAAAGGCAATATGTTTTTATAAGTAAGTATATTT  
AGTGAGATTGTTTTCTACTGATAAATTTGAACCTTTCTAAATATGCTGTTATCTATAAATATTGTGTG  
CAAAAATCTATTTCTTTTATAATAAATAGATTATAAGCCAAAA  
>GBEQ1438 |Acc|CD464337|Ver|CD464337.1 GI:31385605|LeukoN4\_3\_E09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_E09\_A026 3', mRNA  
sequence.:Start:1:Stop:627  
AGAGGCCCGTTTGAAGAAGAGCGCAGATACGCTTTGGGGGATCCAAAAGAGCTGCAGTTTTAAAGTCTT  
CTAATGTACCACTTCACTGTCTAGGCTGCAAGAGGATTTTAGTTGGAGGTTGTGCACATTGCTCTTTTA  
TGTGACCTGTGACAGAAGCAGTAATGTTAAGATAACCTAGGAGCAACATCAGTTTCTTAAAGTTAGGCGT  
AAGAGTGGCTCTTAAACCCCTGCAGCTATATCCTGATGCTGATTGATGATTACCTGTGTAGTCTCTAAC  
TGGCTGGTGTAATAGTTCTGCCACTTCGGAGGCATGACTGCCAGTGTGACAGGCTGCAGTTGCCCT  
TCAAACAGATGCGTGTACTCTGTGTGATGTAACCTCTGTTTCTTACCCCAACATGTTTAGTTCAAC  
TTTTTTTTCTTCAGTCAGTCACATCTTGAGATGCAATGTATAAATCCAGTATTGCATGTCTGTGCATAA

CTGTTTTAGAAAGGTCTTATCTTGTGTACCACATGTATCAGAATAGTGTATATTGCCATGTAATGTAAAAA  
AAAAATCTGCATATAAATAATGCAAACAATTATTTAAGTGTCTATGCCAACTAAAAACACCAAATAAACC  
>GBEQ1439 |Acc|CD464336|Ver|CD464336.1 GI:31385604|LeukoN4\_3\_E12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_E12\_A026 3', mRNA  
sequence.:Start:1:Stop:579  
GAATACTACATCCAGAGAGTCCACATGTGATGAATACAGCTTAAGGGTGGCAGAGGGGAATAGAAGGGTT  
TGAAACATGCTGCAGGCTGCACCTTCACTGTTGTCTAATCAATGCCAGCTGCCTTCCCTATATTAGTGCTA  
AGGAGAGCTCCTGCCAGCAGGCGGGTGGAGCAGCCCCGTCTCCAGAGCCAATCCTCAGACCCCTCTG  
CTGAGCAGGGCCTCTCTCACCTCTGCTACTCACTCAAAGTCAGCCTGGTGGAACTTCTGCACCTCAGTT  
CAAAGAAACCTCTGTCGTTTGCACCAGCTTCTGATGAGCAACTGCTTAATTATTTATTTATTTATTTAT  
TGGTGGGTTAGTCTATTTAATTTAATTTCAAGGTGGCCAGGAAGCAGCACTGTCTGTGAATGAGCCCAATC  
TTCAACATCTATGGAACCAAGTTTAAATTTGGACTAGTGTACCATGTTTATACCAAGTCCTTTTACCAAGCC  
TGAAAATATGTCAGCTCAGATTATTTAAATAGGAATATTTATGAGGAAAGAAGCATGATCACACTGTTTC  
AATAATCTGAAATAAATT  
>GBEQ1440 |Acc|CD464335|Ver|CD464335.1 GI:31385603|LeukoN4\_3\_D03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D03\_A026 3', mRNA  
sequence.:Start:1:Stop:496  
AAAGTGAAAAATAGAGCTTTTTGGGTTGTAAACGTGGTAGTCCCAGAGTATTGTATAGTCATTGTAAAT  
AAAAGCCAAAACCTGGAATGTGCAGAGAATAGGATTTGGTTAATTTGGGGACTCATCTTTGTTTGTCTT  
TAACTTTTTTTTAAAAACAAGATTCTGGAGTAGGTTGGTATATTTTGTAAAGACTTAGAGTGATCCATT  
TTGCTTACACTTGCATCACAAGGGATTGCGCCAGGGACCATGACCTGCTGGTGTGTGTATATATTTACAA  
AAACAAAACAAACAGCCCCCATTTGGGATTTAAGGTAGCAATCACAGACTGAAGACTGCGGCTTGTTTA  
GGTGAATACCTGATTCCCAAAGTTACTTACAGGGGGTTTTATTGTTTTGTGACAGGATTATTTCAGA  
CTGCTGTACTTTTCATTTGAGGTAACAAAATGCTATTAATTTAAATATTTGTAAATAAAGTCCCTGTATT  
TAGATT  
>GBEQ1441 |Acc|CD464332|Ver|CD464332.1 GI:31385600|LeukoN4\_3\_G09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_G09\_A026 3', mRNA  
sequence.:Start:1:Stop:594  
GGGGAGCAACGCAGGTGTTCCACACGCAGCCCGCTCAGCACTGGAAGGAAGATTCTCTGTGTTAGATGC  
GCAATGCAAGCTCATGTCTTTAAATGATAATCCACGTCTCTACAGCAAATAATGTAATAATGATCTTTA  
ATGCTGTTTTCCCTTGGGGAAAATGAAGGTTAGGCCCTAGCCGTCATTTAAAAGAAACATGTATTGCTTT  
TGACAGTTGCTTGAATTATTTCACTTAAATGACTGGAATGAAAGTTTTTAGCAAAAATATGATCTTATTT  
GATAAGAAACAATTCTGGTGAAATTACTATGTTTACGTATCATCTCATAGCCTATTATATAGAAATATGG  
CTGTAATTATATAAGAAGAAAAGATAAAGATAATTCGTTTAGAAATTTTAAATTTTCTAAGTTCCTTATA  
TGAAAACACACTCAATGCTATGCTCTTGAAATGACTTCAGCACCATCATGTCTTTAATGCTTATT  
CCTGTTTGGAACTGATGAGATTTTTTAAAAATCTTGAATTACATTTATGCTAATACAGCACTGATTTTG  
CAACAGACTGATTTGTGATTGCTTACATTTTAC  
>GBEQ1442 |Acc|CD464327|Ver|CD464327.1 GI:31385595|LeukoN4\_3\_H07.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H07\_A026 3', mRNA  
sequence.:Start:1:Stop:495  
CAGACGAGGATGAACGGGGGAGATGGCAGATTTTGGTGCTATGGGCTGTGTAGATATTATGCCTTTAGA  
TGTTGCTTTAGAAACCCATAATTTAAAAGAGAGTAATAAAGGAAATGAGCCTCCCCACCTCCTCTTTGA  
TGACATCCCAATTTCGACACAATGTCTCTGTGCTGTATTTGCCAATGAAAGTGGACACAACACTATCTTG  
GGTTTGTGTTGGTGATTGTAATTTCAAGGTCTGTCACTCTTGTACATTGTGTCCATTCAAAGGAAGAGAG  
AAAATATATATGATAATCATTTCCACTTAACATAATTTTACTTCTAGCAGGTAAATGTAGGTAGCAGTGC  
AGGGGTGATTTCTGCTTCCTGTACCTTGACATGCAAAGGCTTTCCTAATACTCCCCATTCAAACCTGAAG  
AGGAAAATGAAATCTCTAATGAAGCTGCTGTGTGATTTATGAATATTAATGAATAAAACTGCTTGA  
GGTT  
>GBEQ1443 |Acc|CD464326|Ver|CD464326.1 GI:31385594|LeukoN4\_3\_B06.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_B06\_A026 3', mRNA  
sequence.:Start:1:Stop:589  
TTTAACACAATGTTGTATTTTAAATGTACATACTAGAAAAGAAAATAACAAAAGGAAGCTATGTGC  
AGCTTCTGTGTAAGCAGTGGCTTGGCTAGGAAAGTGGTGTGGCTTGCAATTCCTTTGGGTCATGATGA  
CAGTTGGTGTGAAAACCATCGAAGTTTGCTTTTGACCAACAACCTCACAGTAACCATTTGGCCTTCAACCTC  
CATTTAGAGCAGGCAAGGCGCTGTTGAAAAGATAACATGACCAAGAGGGAACATTTCTTCTGAAT  
CTACTCCCTTAAGTCGTTTTCTTATGTTTCAATTAACATGAGGCTCAGTGAGAATACAGAGGGATA  
TTGGAGTCATTAGATTTAGAAAAGCGGTTCTTGGGTTAAAGCTGCATTGACTTGGAAGAACCCAGTT

AGGCTGGAAGACAGAACTCCAACCTGGCAGAAAAGCAAGTAACTAAGAAAGAAATCCACAAAAGTCTTGA  
 ATTTACCTCATTAAATGCATTTGTTAAATTTATTTTGTCTAAACAAAATGAAGTCTTTTTTGTCTCTAA  
 AATGATGTTCTAAATAAACCTTAACTTT

>GBEQ1444 |Acc|CD464322|Ver|CD464322.1 GI:31385590|LeukoN4\_3\_H03.b1\_A026 Unstimulated  
 peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H03\_A026 3', mRNA  
 sequence.:Start:1:Stop:684

TTGTGAAGATGGTGCACAATGGCATAGAGTACGGCGATATGCAGCTGATCTGTGAAGCTTACCATCTGAT  
 GAAAGACGTTCTGGGCATGGAGCATAACGAGATGGCAAAGGCATTTGAGGAGTGAATAAGACAGAGCTA  
 GACTCATTCCCTGATTGAAATCACAGCCAATATTCTCAAGTTTCAAGATACTGATGGCAAGTACCTGCTGC  
 CAAAGATCAGGGACAGTGGCGGGCAGAAGGGCACTGGGAAGTGGACTGCCATCTCGGCCCTGGAGTACGG  
 TGTTCCTCCGTCACCCCTCATCGGAGAAGCGGTCTTTGCTCGATGCTTATCGTCTCTGAAGGATGAGAGGATT  
 CAAGCTAGCGGGAAGCTGAAGGGTCTCGAAAGATCCAGTTTGAAGGTGATAAGAGACTCCTGAAAAAGT  
 CAACCTGAGTTTATTTGTAAGGTAGTTCTGTGAGAACCCTCATGCCCTCTGCCCTTGTCTCTTGGGACTG  
 ACCAGGAAGTGATCATGTTCTGTAATGGCGCAAACAGCTGCCTGAAGCCGGGCTTTCCACACGTCCTCTGC  
 GGATGGGGGAGGCACGAGCTCCTATCACACAGATGGGAAGGGTTTTTGTGGAATTTGATCAAACCTGGAAC  
 CTTTGTATCATGCAGGTGAATTCCTTTTCTCTACTTAATAAAAGCTACATT

>GBEQ1445 |Acc|CD464317|Ver|CD464317.1 GI:31385585|LeukoN4\_3\_D02.b1\_A026 Unstimulated  
 peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D02\_A026 3', mRNA  
 sequence.:Start:1:Stop:544

CAGCGGCAGCGGCAGCGGCAGTAGTGGTGGCAACAGTCCGCCACCAGCCCCCAAGAGGACACAGCTTCT  
 GCCGCAGGCACACCCAGGGGAGAAGCACAGGCTCGAGACGACGGTGATGAGGAGGGGGCTGCTGACACACA  
 GCGAGGAAGAGCTGGAGCACAGCCAGGATCCAGATGCGGAGGATGGGCCCTTGCAGTAAGCAGCCTGACA  
 GGACGATGGCCACCGGCAGGAGAAGGGCATGCACTGTACCAGCCCTCAAGCTGGGCACCCACGCCCTGGA  
 TTCCACCCCCAGCGGTCCAGAGGAGAGCTGGCAGCAGGCACCTCCTCCCCACACATCCCAGCCAGTG  
 CCACAGCCTCTGCAGGTGGAGTTCTGGCCTTGTCTCCTCAGTACTCTCCCTGTGAGGACTGCCAGGCC  
 AGAGGGCAGAGCACAGAGGTTTCTCCACACTCTGCTTCCCCCTCCCCAGGACACTCCAGGCTTGGGTTTT  
 TTCTATAGGTTGGAGAGGGGGAGCCACAGGGAGGGGACTCTGACAATAAAGAGA

>GBEQ1446 |Acc|CD464221|Ver|CD464221.1 GI:31385489|LeukoN4\_2\_B08.b1\_A026 Unstimulated  
 peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_B08\_A026 3', mRNA  
 sequence.:Start:1:Stop:714

GCTTTTAATGGTACCCTTCATGATTATAGCAATTAATAGTTTGAACAAAACCCAAATTATACAGTAGTGG  
 GTCATGTGCTTCATTATTCAAGAATGAAAAATATAGTATTGGTAATCTATATTAAATATGCAACACCAG  
 TTTGACTATTCTTTCTTTTAGTGTATGTTTAAATTTCAAAGTAATGGAATAATGGGGCCAGTCTAGTG  
 GCGTAGTGGTTAAGTTTGCATGCTCTGCTTCGGCGGGCCAGGGTTCACAGGTTCCGATCCTGGGCACAGA  
 CCAGCCACGCTGTGGTGTGCCATATAAATGAGGAAGACTGGCAGAGATGTTAGCTCAGCAACAA  
 TCTTCTCAAGGAAAAAGAGGAATATTGGCAACAGATGTTAGCTCAGGGCCAATCTTCTCCACCAAAAAA  
 AAAAGTAATGGGATAAAGAAAGAAATATATATTTTCTATTACTGCCAACAATATTTTTGTATGTCTCTAT  
 TTTCAATACAGCAATACATCATATAAATTCATTTATCTCTTTTTTGTGGCATATTTTAATATGAATCC  
 ATAAGTAGTAAATCTTTAAGTAACAATCGGAAGCATATTTCTATGACAAATGCAAGATCTAGAAAAATAA  
 AATGTTTGGTTATGTACTTTTAGAAATGTGCACTTACCAAAAAATCTGTATTATTGAATAATATCAAATA  
 AAATTCGTAAAGC

>GBEQ1447 |Acc|CD464210|Ver|CD464210.1 GI:31385478|LeukoN4\_2\_H01.b1\_A026 Unstimulated  
 peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H01\_A026 3', mRNA  
 sequence.:Start:1:Stop:613

AGCAGTTATAACTACAGGGGCTTTGACATCGCGAACCATTTTTGTGAGTGGGTTTATGATTATACTCACG  
 AGGAGTGGCCTTTTACAAAGCACAGGCTGCAGACTACCCACCCGGGGACAGCAGCTTCATTTTATTCG  
 CCATTACTTGGCGAGGTAAAAAAGGTGAGACCATCTCCCGAGAGGAGCAGAAGAACTGGAAGAAGAT  
 TTGCTGGTAGAGGTCAATCGGTATGCTCTGGCATCCCATTTCTTTTGGGGTCTTTGGTCCATCCTCCAGG  
 CATCCATGTCACCATAGAAATTTGGTTACTTGGAGTATGCCAGTCTCGGTTCCAGTTCTACTTCCAGCA  
 GAAGGGGCAGCTGACCAGCTTCCATCCCTCGTCTGACTCTCTGCCTCCCAACTCCTTGGATTTCTCCCC  
 GAGCCTCCAGGGCAGGACTTGGAGGGAGGGGCAAGAGCAGGAAGCCCTGGGGACTGGGCTGAGCCCCC  
 CGGAGTCAGACTGGGGTTGAGGAGGCTGACCTACCCCCAGGTTTGAAGCAGGTCTCACTGCAGGCGAGCG  
 GGCGGGAGCCCTGGGCTGTGTACCTAAAGACAATAACAAGCTCGTTCCCTC

>GBEQ1448 |Acc|CD464209|Ver|CD464209.1 GI:31385477|LeukoN4\_2\_D11.b1\_A026 Unstimulated  
 peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_D11\_A026 3', mRNA  
 sequence.:Start:1:Stop:563

CTGTAATTGTGAAAGAGAATAACTACAGAAAACTAAGAAAGAAATGCTTTCTTGAATTTTCAGTTATTAG



AATGCATAGCCTTATGTGAAGTGATCACCTCACCTGACCTGCACAAACATGGAGAGATTGGGTTGTCCC  
GAATACTGATCATGTCTGCACACGATTCTTTTTTGTCTATGAAGATGGCCAAGTGGGAGATGCAAAATATT  
AACACACAAGAAGGAGGATTCACAAAGAGATCCTTCGAGTAATTGGTAATCAAACCTGCTACTGGTTAAA  
GGACCACCGTTTAAATTAACATGATTTGAAAGCCTTCCTCGCGTTCAAAGCTGGATTTGAACTGAAGAAG  
ATGATAAAATAATTTATTGTTATTATAAACAAATTAACCTT  
>GBEQ1454 |Acc|CD464178|Ver|CD464178.1 GI:31385446|LeukoN4\_2\_H03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H03\_A026 3', mRNA  
sequence.:Start:1:Stop:642  
TTTTTAGACTAACTGGTCCCTTATGGTTAACTAACACTTGTAAATGTCTAAACTTTTTTTAAATGAGTA  
AATTAAGTTTTAGTTGCTAAGCGGACTTCTCAGTTAAGACTTAAATTTGCATTTGTCCCATCAAAAAGAA  
TCTCCTTTTTCTGAAGAAGGCTTGTAGTTAATTTGAAATAATTTATTACAGACAAGTATGTCTTTGGTT  
ACTGAGGTTACAAGGTAGTGATCAGATGAGAACTAGTTCTGGCTTTTATGGTATGTTATCATGTAAGAAA  
TCTGAATTTCTCCTAATGTTACATCTGAGGAAGTATGTGATTTGTGAATTGCATCTTCTTCGAAGGAGTCA  
CTATTGTAGCTATGCCTGAGTGAAGTCTAACATTTGACCAACCCATAATCCAGTTGAACAAAAGAAATTTGT  
GACATATGATTTGAGTGGTGTCTTTTCTTGTCTTTGTTAACCATCACTACAATAGTTTACAGCACAACTTT  
TCTTTTAAACAAAGCTAGAACAGTTTTGGCTTCTTAACTTCATATTTGGGTAGGTTAAGCTGCCATACGT  
GTTCAAGTGTGAATAGTGTTTAAGTTGAAAATATTGTAAAAAATTATATTTTTTCAAAAATATTTAAAAA  
AATAAATAATAG  
>GBEQ1455 |Acc|CD464177|Ver|CD464177.1 GI:31385445|LeukoN4\_2\_B02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_B02\_A026 3', mRNA  
sequence.:Start:1:Stop:410  
ACTGGCTGTAACCTTAAGCCCATCAAAGGCGCTTCCAGCCTGGAGAGAACCTCACCAAGACAGCTGGTGT  
GGCCCCGAGGATGGCAGGGTGGCCAAGGTGGAAGTAGGCACGAGAAAAAACACCTCCCCAAATTCAGTCT  
GAGCCCCAGCAGGAGCAGATGGTGGGGTTGCCAGGGCTCAGAAATGCAAGCTGATTCCCCATCCCACCT  
GCCTTGCCTTTTTGTGTTTCTTGGGTGAGTGTGGAGCAGCGATGGCTGCCCTTCGCTGGACACTG  
GTGTGTACAAGCAAGCTGGGTGGGCGTTTGTGGTGGGGCCTCATGGTGCCTGGGAGGAGATGAAGATGAG  
GAGGTTTTTCTTACTGTATAAATGAATATTGTATGATTAAATTAACACACACAAAACC  
>GBEQ1456 |Acc|CD464154|Ver|CD464154.1 GI:31385422|LeukoN4\_2\_H09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H09\_A026 3', mRNA  
sequence.:Start:1:Stop:608  
CTGAGAGGCGGTATGTAGATTTTCGTGAAGACCTGACCGGCAAGACCATCACCTTGGAGGTGGAGCCCA  
GCGACACCATCGAGAAGCTCAAGGCCAAGATCCAGGATAAGGAGGGCATCCCCCGACAGCAGAGGCT  
CATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACTCTTCTGATTACAACATCCAGAAAGAGTCGACC  
CTGCACCTGGTGCTGCGCTGAGAGGCGGTATGCAGATTTTCGTGAAGACCTGACCGGCAAGACCATCA  
CCCTGGAGGTGGAGCGCAGCAGCATCGAGAAGCTCAAGGCCAAGATCCAGGATAAGGAGGGCATCC  
CCCTGACAGCAGAGGCTCATCTTTGCAGGCAAGCAGCTGGAAGATGGCCACTCTTCTGATTACAACAT  
CCAGAAAGAGTCGACCTGCACCTGGTGTCCGTCTCAGGGGTGGCTGTTAGCTTTTCAGTCTTGTCTTT  
GTAATGTCCAGTGATGGCATTACTCTGCACCTCCAGCCATTAGCCCCAATTAAAGTTTAGAAATTACCAGT  
TTCAGTAATAGCTGAACCTGTTCAAATGTAAATAAAGGTTTTGTTGC  
>GBEQ1457 |Acc|BM781437|Ver|BM781437.1 GI:19129669|MLN1\_8\_A11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:638  
CACGAGGTTAAACTAGTTGTCTGCAGTTTGTTCATGAATGCATTGTCAAATTATGAAAGTTAAAGTGC  
AATAATGTTTGAACCTATAAGTGACGGTGTATCTTGTTCCTAATAAGATAAATGCTTTCATCTTTGCTT  
TATCTTATTAGGGAGTTTATATGTCAGTGTTTAAATGCTGTTTGGTATAATAAGTGTAAAATAAATTCT  
GTAACAGGAGTGCAGAACTAGCCATGTAGATTTGTTGGTGCATGTGATGAAACCTACAGCTTTATTGGG  
GTGATGCAATGCTCTCCTGGATTACTCTCAACTGGCTGTTTTTGGAGTTTGGCAAAGACACATTTTTTAA  
ATGGATTTTGTGTTGAAATGTGAAGGATATCTGATTATCATATGCAGAAAAATAAATTTGTCTGAGGGTC  
CACATTTTTAGGTCTTAATATTTTCAATTTATGTAACCACTGCTTGTGAAAGGAGAAAAGTTTAGAATGCCA  
CCATTTTTTAGGAGAAATTGAATAAACCTGTTGCAAGAGGGTGTCTTACAAGTTAAAAATTTGGGTTAAAC  
AAAATTACCTTGGGCTCCACAGTGCAATTGAAGTTCACATAAAAGGTGGAGACTTCTGGTTTATTCCCAT  
GACGGA  
>GBEQ1458 |Acc|BM781430|Ver|BM781430.1 GI:19129662|MLN1\_8\_B07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:59:Stop:635  
AGGTAACCTACCATCCAGATGGCCCGGAGGGCCAGGCCAGGAGATTGACTTCACCCACCTTCCGGAG  
AATCAACATGGAAGAAGAGCTTGAGAAAGTCTGGGGGTGAAGTTGCCAGAACTAACCTTTTCCGAACT  
GAAGAACTCGCAGAATTCTTGATGATATCTGTGTGGCAAAGGTGTTGAATGCCCTCCACCTCGGACCA  
CAGCCAGGCTCCTTGATAAGCTCGTCGGGAGTTCTGGAAGTGATGTGCATCAACCTACGTTTCATCTG

TGATCACCCGCAGATAATGAGCCCTTTGGCCAAATGGCACCGCTCTAAAGAGGGCCTGACTGAGCGCTTT  
 GAGCTGTTTGTCTATGAAGAAGGAAATATGCAATGCCTACACTGAGCTGAATGACCCCATGCGGCAGCGGC  
 AGCTTTTTTGAAGAACAGGCCAAGGCCAAGGCTGCTGGCGATGATGAGGCCATGTTTCATAGATGAAAACCT  
 CTGCACCGCCCTGGAGTACGGGCTGCCCCCACCCTGGCTGGGGCATGAGCATCGACCGCGTCACCATG  
 TTTCTCACAGACTCCCA

>GBEQ1459 |Acc|BM781410|Ver|BM781410.1 GI:19129642|MLN1\_8\_D08.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:617  
 GGCACGAGTTCCTATAGTGAATTTAAGGGTGACTTAGAACCTTACAGCCTGGAGATGACGTGGAATT  
 CACAATCAAGGACAGAAATGGTAAAGAAGTTGCAACAGATGTGAGCTATTGCCTCAAGGAACAGTCATT  
 TTTGAAGATATCAGCATTGAACATTTTGAAGGAACTGTAACCAAAGTTATTCCAAAAGTACCCAGTAAAA  
 ACCGAATGACCCATTGCCAGGACGCATCAAAGTTGACTTTGTGATTCTTAAAGAACCTCCCTTTGGAGA  
 CAAAGATACAAAATCCAAGGTGACCTGCTGGAAGGTGACCATGTTAGGTTTAATATTTCAACAGACCGA  
 CGTGACAAATTAGAACGAGCAACCAACATAGAAGTTCTGTCAAATACATTTTCAGTTCACATAATGAAGCCA  
 GAGAAATGGGTGTAATTGCTGCCATGAGAGATGGCTTTGGTTTCATCAAGTGTGTGAGTCGTGATGCTCG  
 CATGTTCTCCACTTCAGTGAAATCCTGGATGGGAACAGCTCCATATTGCAGATGAAGTAGAGTTTACT  
 GTGGTTCCTGATATGCTCTCTGCCCAAAGAAATCATGCTATTAGGATTAAAAAGAGT

>GBEQ1460 |Acc|BM781402|Ver|BM781402.1 GI:19129634|MLN1\_8\_F05.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:652  
 GCTATTCTTCCGTCCAGTGTCCGTGCCATCAGGATTGATGGGGCAGGCAAAGCTACTCAAGACAGCGA  
 TGCTGTCAAACCTAGAGGTGGATCAGGAACCTGAGCAATGGATTGAGAAATGGCCAGAATGCAGCTGTGGTG  
 CACCGCTTCGAGTGCCTGCTGAGGCTCCACTTTGATCTTCTATAAGTATTGTGACCATGAAAATGCAG  
 CTTTCAAAGACGTAGCCTTAGTCCTGACTGCTTGTGGAGGAGGAGACACTTGAAACCAGTCTAGGTCT  
 AAAGGAAATTGAAGAGAAAGTGAGGGATTTCCTCAAAGTCAAGTTCACCAACTCTGACACACCCCACTCC  
 TACAAACACATGGACCCAGACAAATTGAGTGGGCTCTGGAGCCGAATTTCTCACTTAGTCCTGCCTATAC  
 AACCTGAAAATGCCCTGAAAGGGGGCATCTGCTTGTAAAGGGGTGACAGAAGAGAAAATCATGCTCAAGT  
 TCTGAGAACTTTTCACTTTTCAACCAGAGACAGGATTGAGAGCTCTTTTTGAAAGAACTGGTTTCTTT  
 TTGAAGGAAGTTAAGTTCTTATGGAAACCTGAGATATCCATATATATAACCTAATGATCTGTTATTTGAG  
 AGAATCGTTTATTTT

>GBEQ1461 |Acc|BM781399|Ver|BM781399.1 GI:19129631|MLN1\_8\_F02.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:43:Stop:611  
 TGAGAAAATATTTTCAAACCTCTTTCTAATAACATGGCTGACTTGCTCTTATTGATTGATTCTTCCCTT  
 CCCCTTTCATTTTTAGTCCATGATCTTCAATTTAAAGAAAGGTGGGGTTATTTAATTTTAAAAATTTTGGAA  
 AGAGAAATTTTCTAGTAAGATATTTTTATGATTTTCTTCAACTTGATTTTCCATTATACAAAGACTT  
 TTTAAAAACAATTTTTAATTTTCTGTTTTTTGGAAAAGACTTTTTTAAAAATAAACTTCACCTGATTTTT  
 GAAATGGATGCAATTTTCTGCTTCTAGGAAGTTATAAGATTTTCAATGAAGATAACTTAACTT  
 CAGTTTACCTGTCCAGTTCGGGCAGTCAGTACTAAGAGAAGCTTCCAGAAAGCTCAACAGGGAAGTGAA  
 GCTCTAGATGAAATCTGTTTTAAAGTCTGTGCTGTAAACACAGTCCGTGATATATTGGAAGGCAGAACAA  
 TTAGTGTTCAGTTTAAACAGCTATTTCTCACACCTAATAAAGAGAAAATCGACTTTCTTCTTGAGGTATG  
 TTCAAGATC

>GBEQ1462 |Acc|BM781397|Ver|BM781397.1 GI:19129629|MLN1\_8\_E12.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:653  
 ACGAGCAGAAAAGCCTGGAAAACCTGACTGTAGTAAGAAAGGTGCAGATTACATCGCGATTTCCTGGGAA  
 CCTCTCAAAGTTTTTTTTCATGGTTTTTATCTTTGTCTAATATTTTCAGGTGCAAAATGCTTGCTCTGG  
 ATAAAAATCAGACCTGGTATGATTTGAAAAATTTGAAACCTTATACAGACTATAAAATATCAGTACATGC  
 CTATGTCAATGGAAAAGTTGACGTAATGGATCTGCTGAGACATCCATATTTAAACAGACGCGCAGAGCT  
 CCAGGCAATGTACGAAACTAAGGGCTTCGCTGATTTGAGATAATGCTGTGAATGTGACTTGTGAGGCTC  
 CTGTGGAGCGTAATGGCCCGCAGCAGAGATTCCGTTTGAAGTCGTAAGTGGAGGTACCCCGTTAAAGA  
 GGAAAATGGCAAAGACTGCTTCTTCTGTAAAAATCTTCAATATTCAACAACATATATATTTGAGGTC  
 TATTTTCATAATGGGGAACATCCTGGACCTTCAACAAGCTTTTCAAAAACAACATCTTATAACTCTAAAG  
 CCCTGATTATATTTTGGTGTCTTCTGATTGTTGTGACATCAATAGCCTTGCTGGTTGTTCTCTATAAAAT  
 CTATGATCTGCATAAGAAAAG

>GBEQ1463 |Acc|BM781394|Ver|BM781394.1 GI:19129626|MLN1\_8\_F08.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:64:Stop:621  
 TCAGCTTACGTTTGCCCAACCCAGTGACCAACCCAGTGCTGAACATTAGTGCTTTTCAAACAGAAACAGC  
 CCGATACATAACACTCCGCTGCATCTCATACATGGCTCTCTGCCATCAATTACACTTTCTTTGAAAAA  
 GACGTCGCCATATCACCTGCTATTTCCAAGAATGTAAGGGAACCTGCTGAATTTAACTTAACCGAGAGGA  
 TCACCGTGACAAAGGGAAGAAATATAGGTGTAAAGCCAAAACAGATTGCCCAACCATGCAAAATACAGTC



AACCCTTCACCATGCCCTCAACAGGCGGAGACAGCTGTCTTTCTGCCTGCAGCTACTGCTTCCGGGGTT  
ATTACTGCTGCTGATAGTAATAATCCTAATGCTGGCATTGTTGGATACTACCAAAGTACAAAGCAAGAAAA  
GCTATGAGAGATAATGCACCCAGAACTATGGAAATAAACCCATGGAAGTTGGAATATATGCAAATGTCT  
GTCAAAACCAAGCAGATGACAAATCTGTGCCAGGCTTGAACCAAGGCAGTGTGTTCCACAGCCCCAA  
>GBEQ1464 |Acc|BM781381|Ver|BM781381.1 GI:19129613|MLN1\_8\_H02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:605  
GGCTTGGCTTTGTAGCACCTGTTTTATTTTTTTTGGCTCTTCAGACTGGTTTAAGTGGGCTAAGACC  
AGAAGAGAGACTTATTCGCTTAAGTAGAAACATGTGCCTTTTATTAAGTGCAGTCTGCATTTCATCCAT  
GGAATGACAGACCTGTATTAATGTCTCTCAGTGCTCTCATGTGTCTATCTTTTCGTAGACATTTTCCTG  
TGCTCTTTGTCTCTGCCCTGCTATTTATTTCTCTCTGTTTTACTCAGTTACGTTCTTTGGCATCACTATGC  
ACTAAATACATGGTTGTTTGACAGTTACAGCCTTTGTGTGGAACCTGCTTAAAAGTAATTGTTCTCTC  
ACTGTTTATACATTTGCTGATTGATGGCTATTATAATGTCTCTGGGAAAAGCTTGATGATTATGTCT  
ACTATGTTTCGTTCAACAGGCAACATTATTGAATTATATTTGGTGTAGTAATGTTTGGAAATGGGGCTTA  
TACAAATGATGTTTGAGTCATGAAGTAAAATTCGGGCTTGATGATGTGTCTGCATGCTTATTTTAACATC  
TACTTACAAGCAAAAATGGCTGGAAGACATTCAT  
>GBEQ1465 |Acc|BM781379|Ver|BM781379.1 GI:19129611|MLN1\_8\_H12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:636  
GGCAGGAGTCGGGAAAAACCCCTTGGCTTTGATTTCAGATTGAGGAGCACGGGATACAAGATTTATTGGTTT  
TCTATGAGGCATTTCGGCAACCCGTGATGAGTTTGTCTGTTGAAAGGACACCGCAGGGACCACTGGCAGT  
ACCTATGTGGAATAAGCATGGATGCTAGTTCGCCGTGGACTTGAGATGTATTTTTTATAAATCATGAAAG  
AAAAGCTGTGGAAGAGTTCTTACAAATTTGGTAAACAGATCACTATAGATAGAATAAGAAAGGATCTAA  
TTTTCTTTGCTGCAGTTTAAGCATATAATGTTTGATTAAACAGAAATCTTCAGAATTATGATTTTAGTAA  
CTTTTTATGTAAAAATGTGTGAGAGGAAAACTGACTAGTTAGGTTAAGTTTAAATAGAATTATTTCTCTGAA  
TAGCTTTAAAAGGAAATCATGAGTGATTGAAGTGTACAATTTAAGAGTGATCAATAAAAATAACTTTCC  
ATTTGAGAATGGGATAAATAATTTAGAAAATTTTGCCAAATATGTGGCAAAATCTTGCTTTTTTAATGTG  
ACATTGATAAGCTTAAAGTAGGTGCATTAGCTATTATTTCTGATCCATTAATGGCCAAAATCTGTATTT  
GCTTCA  
>GBEQ1466 |Acc|BM781374|Ver|BM781374.1 GI:19129606|MLN1\_7\_A05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:109:Stop:645  
GCCAGGAGTGCGCCAACGCTCTACGGCTCCTACAGTGCTACTGCCGCCGGGGCTACCAGCTCAGCGATGT  
GGACGGGGTCACCTGCGAGGACATTGACGAGTGTGCTCTGCCACCGGGGGCCACATCTGCTCCTACCGC  
TGATCAACTTCCCTGGAAGCTTCCAGTGACGCTGCCCTTCTCCGGGTACAGGCTGGCCCCAACGGCC  
GGAAGTGCACAGACATCGATGAGTGTGTGACCGGCATCCACAAGTCTCCGTCAATGAGACCTGCTTCAA  
CATCCAGGGCGGCTTCCGCTGCCTTGCCCTTCGAGTGCCCCGAGAACTACCGCCGCTCCGCAGACACCCGC  
TGCGAGCGCTTGCCCTTGCCATGAGAAATCAGGAGTGCCCAAGCTGCCTCTGAGAATAACCTACTACCAAC  
TCTCTTTTCCCNANAACATCCACGTGCCCCGCGGTGGTTTCCGCATGGGGCCCCCTCCAGTGCCGTCCCC  
GGGACAGCATGCAGCTGGCCATCACCAGTGGCAATGAGGAGGGCTT  
>GBEQ1467 |Acc|BM781373|Ver|BM781373.1 GI:19129605|MLN1\_7\_A04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:451  
GGCAGGAGGGCCAAAAAGCTAAGGTTAAAGTTAAAGTGAAGAAGAGGAGGAAGAGGATGAAGAAGGAG  
TGCTCGTGGTGAAGAACAGGAGACATCTGTGAAGAAGAAGAAAAAGGACAAAAAGAAACACGTGAA  
GGAAGAAGCGCTTCTGAGGAAGAACCGTGCACACGACGGCAGTTGCTAGTCCAGAGAAAAAGAGAAA  
AAGAAAAAAGAAAGATATTGAAGACTAATCAAAGGGAACCATCATTGAGTCTGGATTGAACCTGGATA  
CATTGTGCTTAAGATTAGTCAGGCATGTACCAGACATGGTTTCTGAAATAATCCAGGGGAGGTTGGGTG  
ACACACAGTGATTAATCGGCTATAGCTTTTCAAGCCTATTGTGTCTTGACAGCAGCTCTGTTAACTTTA  
TTATGTCATCATTTCTTAGAGTCCCTCGTGC  
>GBEQ1468 |Acc|BM781371|Ver|BM781371.1 GI:19129603|MLN1\_7\_B04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:102:Stop:672  
CTCAGGCCCCAGGCCCCACAACCCACCCACTTACCTTATGCCAAAAAGATGCCGGAGGCCAGGACAGTCCG  
GCACGTGCAGACTCTGGCTGACTTCAGGCAGCTGCCTGCCCAAGTTCTCTCAACCCACTGGCCACGTGAG  
TTTTCTCCCCGTTCCCCACTCCCAGAGAGAAGGCATACAGGAGAGTCCAGGACGGAAGCCAGCCAGAAAG  
TCTCTCGGGCCCAAGGCTCTGTGTCAGCAGACAGATTGCATCCGCATCTTTGTGATCTTCTCTGGAATGTT  
TCTTGCTTTTACCATGGTTCGGAGCCCTGTTCTCTCCATCAACAAAGAAAATATGGACTAAACAAAGGAGAA  
AGTCCAGCAGTTTCAGAGCCTGGTCTTACAGCTGCCCAAGGAGGAAGAGGGCAGCGCTTCCCCATCC  
AGGAGGATTACCGAAAACAGAGCCAGCTTCGTACCCCTGAGCCAGCACAGAGGAAGGAGGGGTCTATCA  
CTCCAACAAAGCCCTAGCCTCCACCCACCCACTGGCCACCGGGGAAAATGAGACCTGGCACCCGCAAC  
CTCAAAACCAT

793



>GBEQ1475 |Acc|BM781340|Ver|BM781340.1 GI:19129572|MLN1\_7\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:614  
CACGAGGTCCACTGCCGTGCACCAGGACTGGCTGTGTGACCTCGGGCGGGCCCTGCTTCCTCTCTGGGCT  
GCAGTATCTGCCTCCATATGAGGCCATGGCCTCTGCAGCGGCTCCGCTCCTGTCCAGACCCGTGGCCCTG  
CCATCGCGTGTGAGCCCCAGCCCTGGGCGTCGGGAGACTGTATCCGGCCCTGGTTCTGCTGTTTCAGCCT  
TCGGGTATGTGGTGGCTTCTCCCTGGGCTCAGTGTGCCCGTCTTAAAGGAGCGGCTGACAGTTTGTGG  
GCATCTTGCCAAGGGCCCCCTGTGTGTGTGTGTGTGCACCGTGTGTGTTCCTCCATGTGTGTCCATATTTA  
ACATGTAAAAATGCCCCCTGCTCTGTCCCCCAGACAGTTGTACATTTACCACAGTCCCCCATCATAGC  
AATAACATCCCCGCTGCCAGGGGTTCTCGAGCCAGCCAGGCCCTGCCAGCGGGGAAGGAGGCCACGCGGT  
GCCTGCCCATGACATTTCCACTTTTCTTTCATGCGTGTATGACCCAAGTCTTCAGTCCGTCCCAGTC  
GAATCTGGGCTCGCTCACCCAGCGTGTCTCATATCCCCTTCCAGCTGCCC  
>GBEQ1476 |Acc|BM781331|Ver|BM781331.1 GI:19129563|MLN1\_7\_E05.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:644  
GCACGAGGAGCTCTCTGGACCCAGATGAAAGGGCACAGGGCCCTGAGCTGCCCCACAAAGACCCAGCTCT  
GCAGGACCTATCGCTGACTCTGATTTCTTCTCTTCTTCTCCTCACCAGTTCTCAGGAATCCCTGCCTTA  
CCCGTCCACATGCTTTTCAGAGGAGAGTGGTCCAGCATCAGCCTTCTGCCTGCCCTGTCTTGGCTTCTC  
CAGACCCAGTACAGAAGGGCAGCTCCCAGCCCTACCAGCCATCTGCTCAGTCCCTGGGCCCCCTGCCCC  
CCAAATCCCCACACCGCGTGTACACAACCTCCCCCTCCTGAGCTGTACCCCAAGTCTGTACCCCT  
TGGCCATGTCCACAGTCCACACCAGGCCCATGTGACAGGGGCCAGAAACCTAGCCTGGAGTTCAAGGAG  
NGTAGGGTTGCCCTCTAAGAACTGGCAGCACTCTCCAAGGACAAGAACCACGAAGCGAGCCCTGGAGTCC  
AGCGCTGCCTGGGATCCCCCAAAGAGGGCATCGTGATGGTTCTGCCTTCCAATATGAGTACGAACCAACC  
TGCGCTCCCTCTGTAGCCAGGTCCAAGCTGCCAGGCTCCTTCCACAGCTCGTTGCCTGGGCTTGAAT  
TTCTGATGGAGCC  
>GBEQ1477 |Acc|BM781330|Ver|BM781330.1 GI:19129562|MLN1\_7\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:20:Stop:625  
CACAGGTGTGATACAACCTTAACAGGAATCATGCATTCATATAAATATTATAAGGAAAAAAGTATGCG  
GTAGCCTGCATTAGGGCTTTTGTACTTGCAGATCGGGGAAAAACAAACAACACGCTCTTGAAGCATA  
TCAATGGAATTAGTTTCTAATGTGGCAAACCTGTATTAAGTTAAAGTTCTGATTTGCTCACTCTATCCTGG  
ATAGGTATATTTAGAACCCTGATAGTCTTTAAACAAGCCATTCCAGTCATGATGAGGTGATGTATGAATAC  
ATGCATACATTCAAAGCACTGTTTTCAAAGTTAATGCAAGTAAATACAGCAATTCCTCTTTCAATGTTTA  
GGCAGATCATAATTATGAGCTAGCCAAATGTGGGCATACTACAGGGAAGTTTAAAGGTCTGATAACTTG  
AAATAGGTTTTTTAGGAGAATTCTACTTAGACTTTTTTAAATGCCTGCCATAAATGAAATTGAAATGGT  
AGAAATGGCTGACCACAGCAATGACCAGCCCTCATCGGGGCCCTGGATGATTTTTTGGTCTAATAACGCATG  
CTAGTGTGATGTTTTTTGGTCAAGAGGGTATGAACAGGAAGAATT  
>GBEQ1478 |Acc|BM781327|Ver|BM781327.1 GI:19129559|MLN1\_7\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:43:Stop:624  
GATGTCTCAAATTCCTTGACAGCAGGAACCCACTTAGGTGGCACCAACCTTGACTTCCAGATGGAACAGT  
ACATCTACAAAAGGAAAAGTGATGGCATCTACATCATAAATTTGAAGAGAACCTGGGAGAAGCTGCTGCT  
GGCAGCTCGTGCCATTGTTGCCATTGAAAACCCAGCTGACGTCACTGTCATATCCTCCAGGAATACTGGC  
CAGCGAGCTGTGCTGAAGTTTGTGCTGCCACTGGAGCCACTCCTATTGCTGGCCGCTTCACTCCTGGAA  
CCTTCACTAACCAGATCCAGGCAGCCTTCCGGGAACCGAGACTTCTGGTGGTAACTGATCCCAGGGCTGA  
CCACCAGCCTCTCACAGAGGCGTCTTATGTTAACTGCCTACCATTGCTCTGTGTAACACGGACTCTCCC  
CTGCCCTATGTGGACATCGCCATCCCATGCAACAATAAGGGAGCTCACTCTGTGGGTCTGATGTGGTGGA  
TGCTTGCCCGGGAAGTTCTGCGCATGCGGGGTACCATCTCCCGTGAACCCCATGGGAGGTATGCGCTGAT  
CTCTACTTCTACAGAGATCCTG  
>GBEQ1479 |Acc|BM781320|Ver|BM781320.1 GI:19129552|MLN1\_7\_G03.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:641  
GAGTCTGGAGTGCCTTCAAAGATCAGAAACATGATTTGTTTATTTCTGAGTCCCAAACAGCAGGATACCT  
CACAGGACCTGGAGTTGCTGGCTACCTTACCGCAGGGACGTCCTCGTCAGTCATGTCAAACCTGCCGCT  
CCCGTAGATCATGAGGCGAGTGACGTTGGCTTTCAGACTTGAAACGTTTCATGAGAGACAATAAACGACGA  
AAGGCCAGTCCCCGCTCCCAATTCCTCAGCTGATACGTTGAAGCAAACTCTTACTGCCTTTCTCCTGGT  
TTCTATGACAGTGTATTTCATTTTTCTATAAATATATTTTTATTTAGGAAAAAGTCAGTGATTCTAATTG  
TATCAGCTTATAAGAAAGCACTCTGTGGATCAACCTAAATGGGTACACAAGAATTTTTTTTTCTTGATGT  
ATGTAAGCACATATTATTCCTTTATATCTGTTTACAAGACTGTGAATCAAAAAGACAAAACCTCTCTTCT  
AGTTTTTATAATGTTTTTTTTGAATTAGTGTGACTGGTGAAGTATAGTCTACAGAAATTGGGCTAAGT  
CTCTTGTTCCTGNGAAGGGTATTTCCCTCTCCTGCATCGAGTCTCCATGGCTGTCTCTCTCCACCGTCA  
ACACTA

>GBEQ1480 |Acc|BM781317|Ver|BM781317.1 GI:19129549|MLN1\_7\_F12.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:78:Stop:647  
CAGTGGGAGCCTTGTACATTTGTTCTCTACCAGATCCAGTTCACACAAGCTGTTGAGGTACTGCTTTCC  
ACCTATCCCCGTGTACGGAAGGCTGTGGGCTCCTCAGAGAAAATATTTGAATACCTGGACCGGATCCCTC  
GCTGCCCAGCCAGTGGTGTGTTGACTTCCTTAAACTCGGAGGGCGTTGTCCAGTTCAGATGTCTCCTT  
TGCCTACCCAAACCGTCCAGATGTCCAGTGTGTCAGGGGCTGACGTTACCCCTGCGTCTGGTGAGGTG  
ACGGCGCTGGTGGGGCCCCAACGGGTCTGGGAAGAGCACAGTGGCTGCCCTGCTGCAGAACTGTACACAGC  
CCACAGGAGGGCAGCTGCTGCTGGATGGGAAGCCTCTTCCCCAGTATGAACACCACTACCTGCACCAATG  
GGTGGCTGCAGTGGGACAAGAGCCACAGCNTATTTGGGAGAAGTTTCAAGAAAATATGCTTATGGCCT  
GATCCAGAAGCCAATATGGAGAAAGTCATAGCTGCTGCAATGAAGGCCGGAGCCCATAGTTTCATCTCT  
GAACTCCCTC  
>GBEQ1481 |Acc|BM781310|Ver|BM781310.1 GI:19129542|MLN1\_7\_G07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:651  
GCACGAGCGGGCGGTGACCGAGCTGGGGCGGCCGAGCTACTGGAACGGGCAGAAGGACGTCTCTG  
GATGACGCGCGGGCCAGGTGGACACGTACTGCAGACACAACCTACGGCATCAGCGACAGCTTCCTGGTGC  
CGCGGCGAGTTGCGCTACAGTCACTGTGTATCCTGCAAAGACGCAGCCCCTGCAGCACCACAACCTCCT  
CGTCTGCTCTGTGAATGGTTTTCTATCCAGGCCACATTGAAGTCAGATGGTTCCGGAATGGGCAGGAAGAG  
GAGGCTGGGGTCTCTCCACAGGCCTGATCCGTAATGGAGACTGGACCTTCCAGACCATGGTGATGCTTG  
AGACGTTTCTCAGAGTGGAGAGGTCTACACCTGCCAAGTGGAGCACCCAAGTCTGACGAGTCTATCAC  
AGTGGAAATGGAGGGCCAGTCTGAGTCTGCACAGAGCAAGATGCTGAGTGGAGTCCGGGGCTTCGTGCTG  
GGGCTGCTCTTCTTGGGGCGGGGCTGTTCATCCACCGCAGGAACAGAAAGGACACACAGGACTTCAGC  
CAACAGGGCTCCTGAGCTGAAGTGTAGATGATGACACTCAAAGAAGAACCTTCTGTCCAGCTTCCCAGC  
ATGAAAACGTTTTCTCTGCTTG  
>GBEQ1482 |Acc|BM781308|Ver|BM781308.1 GI:19129540|MLN1\_7\_H10.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:621  
TTACTTCTCTACAGAGAGCTGCTTTTGGCGATTTCCCTGAACTCTATGATTTTGGCCCTCTCAAATGTGGC  
AGAAGTAGATACTCGGAATCCTTGATCAAGTTTTTTGGACCTCTTAGTTCAAATACACTCCACAGGTG  
GCATCATACCTCTGCTGTTACCAACTCTTCTTAAACTGAAGACACAACCTTTTGATAAAGAATTCCTTC  
TGAATTTGCTGGTATCTCGTCATGAACGTCGAATTTCTCAGATTGAGCAATTGAACCATGCTTTTGTA  
TCCAAGTGAGAAAATCATATGGGATGAAAATATTGTCCCACTGAGTACTATTCTGGAGAAGGACTTCGT  
AAGCATGATGATGCTTTTTTAATTACCGTGGCTGCCACGAAACCTTATGGTACCAAGTTTGACCGGAGGA  
GACCTTTTATTGAACAGGTTGGCCTGGTTTATGTGAGAGGCTGTGAAATCCAGGGCATGCTGGATGATAA  
AGGGCGTGTGATTAAGACGGACCTGAACCAAGACCAATCTTAGAGGGGAGTCAAGGACATTTAGAGTG  
TTTTTGGATCCAAACAGTATCAACAAGATATGACCAATACTATACAAAA  
>GBEQ1483 |Acc|BM781301|Ver|BM781301.1 GI:19129533|MLN1\_6\_A07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:640  
GCACGAGAGAGAGCTGAACCACTGAATATCAAAATGACTGAAAAGGCCCCAGAGCCACACCTGGAGGAGG  
ATGATGATGAAGTGGACGGCAAACCTCAATTACAAGCCTCCCCCTCAGAAGTCTTGAAAGAGCTACAGGA  
GATGGACAAAGATGATGAAAGTCTAACTAAGTACAAGAAAACGCTCCTGGGGGATGGTCTGTGGTAGCA  
GACCCAACAGCCCCAACGTTACTGTTACTCGCCTCACCTGGTTTGTGAGAGTGTCTCTGGACCAATCA  
CCATGGACCTCACTGGTGATCTTGAAGCCCTCAAAAAAGAACTTTTGTGCTAAAGGAAGGTGTTGAATA  
TAGAGTCAAATTCACCTCAAAGTGAACAGGGATATTGTGTCGGGCTGAAATATGTGCAGCACACCTAC  
CGGACTGGGGTAAAAGTGGATAAGGCCAACATTTATGGTTGGTAGCTACGGGCTCGGCCAGAGGAGTATG  
AGTTCTGACTCCAAGTGAAGGAGCTCCCAAGGGCATGCTGGCCCGAGGCACTTACCACAACAAGTCTCT  
CTTCACCGACGACGACNAGCAGACACCTCACCTGNGAGTGGAACTGTCCATTAAAGAAGGAGTGGACA  
GAATGAGTC  
>GBEQ1484 |Acc|BM781299|Ver|BM781299.1 GI:19129531|MLN1\_6\_A05.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:38:Stop:626  
CGTCAGTGTTCAGCTTTGGGGTTGCAGAAAGGCAAATGATGAAGCACAGATCCCATATATGTGAAGGGAG  
TATGACCTCTACCTGATAGCTCTGTGTGCATGTTTTGAGTGATTGAAGATGAGGTTAATTAATGCAATTA  
TACACTTGTCTCTTAAAACACACTTTCTGTCTAACGATCACTAAATGGAATGCTGCGGGGTCTATCGTT  
CTGTAACCTCCCTTCTCTCTGCAAGGACAGAGAAGAGTGGCCATGTGCAGTTTGGAAATGAGTGCCCCCT  
CTCTTTTACAAAGAGGAGTGAAGTCTAAGAGATTCCCTGAGGGCACAAAGCATATTGATTCTCAGTGGCT  
TCTCCAGTGAATTGGAGTGAAGGGGTATCTATTATGGACAGACAAAATTTTCTTGAATATGTGGCTTCTT  
CAACTCTGCCAACTCAAGATGGAAGCTTAGTGAAAGAAAGCTAGCCCTTTGGCAGGATTCCTTTGGGA  
GATTCTTGTATGTCCAGAATGAAAGATAACAATGTTTCCTTACATTCATAATCTCCATTGGTCTNAAGT  
CAGGTAGCACATAGCATCTACAGCACATA

>GBEQ1485 |Acc|BM781298|Ver|BM781298.1 GI:19129530|MLN1\_6\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:315  
GGCAGGAGGCGATGGGCACAGAGTCCCTCCCCAGAGGACGAGCCGACCTCAGCGCCTCCTGCAGGCTAG  
GACACTGGTGCACACTACGCCACGCGCTGGGGGCCGAGATTCTCCAACAGAAAGATGCAATATTTTTTATT  
TCCTTTTCTTTTTTCTTTTTTCTCCAAGGAATCAATATTTCAATATGTTGAGCTGTGTGTCCAATGC  
TATGAAATGAAATATTAATAACATATTTTGGCATTTCCTTGAAGAGTGTGGTTGAAGAAAAA  
AAAAA  
>GBEQ1486 |Acc|BM781291|Ver|BM781291.1 GI:19129523|MLN1\_6\_B06.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:654  
GGCATGAGTAGAAAGCTTTTTGGAAATAAGAATATGGGAGATATTGTTCTCTATCCAACCTCTCTTACA  
AAAAAGAACTGTATTTTCTGTATCTAGTGAGTCCAAACTATCTGCCCACTGTGTATCTTAAAGGTATT  
CACATTTTCACTCCATTTTCTTGTTCCTATGGTATATCTACCACAATCTTAAATTACATGGAAAGCATC  
AAGATTTTCTACTATATGATTGAATTCCTAGATGCATCATGCGTAAGCTCAACAGACGGCTGAAGAGCC  
ACAATCTCAAACCTGCTCCTTAGAAACATTCCATCTAAATCATTAAACAGAACCATTTAGTAGAAAATCA  
TTGCATGAAAACATGCCTTACAGCAACCAATAAGTAGTATAGTGTGTATTGTTATCTTTCTTTAAGCT  
GAATAAAAGTGAACATAAGTGGCAGAATTTCAAGGCATGAGAATACTGCAGTCCATTTCATATCATTTTTG  
TGTCAGGAGAAGTGATGAAATAGTATTTATTTTCAGCTGGCCCTTTCCCACTTTCCTTACACTGTTATTTG  
CTTCTGNGATGACATACATGATCATCAGTATATTTACTGTTAAATTATCAATACAAGGCAACTTATTTGAA  
AGATTGTTTATTCTGTCTGTTGCTT  
>GBEQ1487 |Acc|BM781281|Ver|BM781281.1 GI:19129513|MLN1\_6\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:436  
GGCAGGAGTCCACTGGCCCTCAAGGAGAGAGGCGGGAGGAAGAAATAGAAGAGAGAAACCTGCTTTTCA  
GTCCCAGCCACTGCCGTTTTCCTCTCCTGTCCCCCACCCTTCCACAGACCCAGAAGACCTGCGTTG  
AACATTTATTTCCCTCTTAGTAAGTTTGGAAATCAAATTTGCTCTGCGAGTGCCTTCCCCCTCTCCC  
TCCCATACTGATCAGAGAGGGCTTCTAAGCCTTGCTTCTCCCACTGCTCTGGAATCCGTTTGTGTT  
TGGGTTCTGATTGAGGGCGTCACTTCTCAGGAGCCCATTAAGAAATGTAACCCAGGGATGTCCTG  
CGAGATAGTGTGAGAGTGCCAGTGGCATTGCTGATAGGGTATGGTCTGTTATCATTATTAATCATTTT  
GTATCTTGCCCTCGTGC  
>GBEQ1488 |Acc|BM781267|Ver|BM781267.1 GI:19129499|MLN1\_6\_D10.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:25:Stop:653  
GTTGCCATTGAAAACCCAGCTGACGTCACTGTCATATCCTCCAGGAATACTGGCCAGCGAGCTGTGCTGA  
AGTTTGTCTGCTGCCACTGGAGCCACTCCTATTGTGCGCGCTTCACTCTGGAACCTTCACTAACCCAGAT  
CCAGGCAGCCTTCCGGGAACCCAGACTTCTGGTGGTAACTGATCCCAGGGCTGACCACCAGCCTCTCACA  
GAGGCGTCTTATGTTAACTGCCTACCATTGCTCTGTGTAACACGGACTCTCCCTGCGCTATGTGGACA  
TCGCCATCCCATGCAACAATAAGGGAGCTCACTCTGTGGGTCTGATGTGGTGGATGCTTGCCCGGAAGT  
TCTGCGCATGCGGGGTACCATCTCCCGTGAACACCCATGGGAGGTGATGCCTGATCTCTACTTCTACAGA  
GATCCTGAAGAGATTGAAAAGGAAGAGCAGGCTGCTGCTGAAAAGGCTGTGACCAAGGAGGAATTTTCAGG  
GTGAATGGACTGCTCCTGCTCTGAGTTCACTGCTACTCAACCTGAGGTTGCAGACTGGTCTGAAGGCGT  
GCAGGTGCCCTCTGTGCCTATTTCAGCAGTTCCCTACTGAAGACTGGAGTGCTCAGCCTGCCACTGAAGA  
>GBEQ1489 |Acc|BM781261|Ver|BM781261.1 GI:19129493|MLN1\_6\_E04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:344  
GGCAGGAGTGGGGTTAAACAAAATTAAGATTGCCTTTTACTTTTGAACACTTAGCATTAGATTCAAT  
GAAGTTGCTATTTTGTAGTTTACCATTTGATATTGTGGAAATAAATGTGATGTGGATTCCATGTTCTTAAT  
GTTCACTCTGGGTGATTAGGAATTATGCATCGTAACAGGAACCTAAGGAGTTGTATTATGGGCGCACTG  
TCTTTGCACACACATCTGGCTGTGTTCTGAATACAGGGCTTCTTACATTTTACTTATATGTGAAGTGCA  
TCTTGTTATTACCTTAATTTGTTGCTTTTGTTCATGACAAGAATTGTCAATATGAGCTCGTGC  
>GBEQ1490 |Acc|BM781257|Ver|BM781257.1 GI:19129489|MLN1\_6\_F04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:476  
CACGAGAATAAATTATGATGTCGAGGGGCGAGAAGGATAGGGCGTATTTATAATAGGTATATAGAACA  
CAAGGATATAGAAGTGAAGATTTTACTAATATATATTTTAAGATTGCACACAATACACACCAGAAGAT  
GTGAAATTCATTTGTGGCAATTAAAGTGGTCCCAATGCTCAGTGCTTTAAAAAAGGAAATTTGGACAGCT  
ACTTCTGGGAAAAACAAATCACTCCAAAATAACAATAATGAAAGCAAATACAAAAATAACCAAGCCCTC  
TGAAGGCATCTCACGTAACCGTAGACTAGGAAATGCAAGCCCCAATACCAGGAAATCTATGTGACTGCAC  
CATATATTTAACAATGACAAGATGTTCCGGCATTTATTTCTGTGCTGTGTTTCCCTTGCCCTTATGGCT  
GAAGTGTTCGCTAGATAATCCAGGGTTCATATCAGGGGTTTCAGCTGAAAGTT  
>GBEQ1491 |Acc|BM781255|Ver|BM781255.1 GI:19129487|MLN1\_6\_F01.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:654

GGCACGAGATTTTCATTTAGACCCAAGAACATGCTGATCATTGTATTCTATATGTATGCTATAAAATTCCTAT  
GGTAGCTTGTGTATATTATTGTAATAATTTTAAATAAATCAAGGGGATGACAATTTGATTATTAAATT  
TTAGTTTTTCAGTAATAAAAGATTTCTATGAACCTCTAAAAATATTTTTTTTTTAATGGAACCTACTACTGC  
CCAGTACGACTTGCTGTAGAATCCACCTAGGTAAGTGACTCCTAGGCATACATTGGTTTTGAGGGCTACT  
TAGCCATTCCATTTTACCCTGCATTTAAAAGACATGAGCAAGATTTCAAATATATCAAGGGAGTCTATTT  
CTGACCAATCAAGTACCTAGGATAGAAATATCTTAAAAGTATGTAAAACCTCCAGTTTTAGCCACAATTT  
AGCCAAGAACAAGATAAAATCTTGAATTAGAAATAAGTGAAATGAATCAGTATTTAATCTCAGATTGCAT  
TATTTGAAAGAGAAGAAATTGAGTTTTAACTCAGTTAATAATGAGATGGCATCGTGGAGGAAGGAGCCCT  
AGCCTGACAGTCAAGACATCTGGGTCTCAGGCCCTGGTCTGCCACTGTACGGTGACCTTGGCCTCAGTTC  
TCCTAGTCTCTAAGGTCCCTTCTA

>GBEQ1492 |Acc|BM781253|Ver|BM781253.1 GI:19129485|MLN1\_6\_E11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:655

GGCACGAGCGTGAATCTCATCTGCAAGAACATGAGTCACCTGTGGTTCTTCTCTTCTGGTGGCCGCTC  
CTGACCATGTGCTCCCGTAGGTCACAACTGAGGGATCAGGACCTGGCCTGGTCAATGCCTCGCAGCTCT  
GACCCTCATTTGCACAGTCTCTGAATTCTCCCTGACCAGTCACGGAATAGGCTGGGTCCGCCAGGCTCCA  
GGTAAGGGACTGGAGTACATTGGTCAGATAGGGGATATACGGGTTTAACTATAATCCAGTCTGGAGC  
CCCGAGCCACGATCACCAAGTTCACCACAAAGAGTCAAGTAACTCTGACGCTGGACAGACTGACGACCGA  
TGACACGCCCTCTATTATTGTGTGACCTGCGGGCGAGATAACGGATGGTCTTATCCTCCGGGACACTGG  
GGCCAGGGCATCCTGGTCACCGTCTCATCAGCCTCCACCACCGCCCCGAAGGTCTTCGCGCTGGCCCCCG  
GCTGTGGGACCACATCTGACTCCACGGTGGCCCTGGGCTGCCTTGTCTCCGGTACTTCCCCGAGCCAGT  
GAAGGTGTCTGGAACCTCGGGCTCCCTGACCAGTGGCGTGACACCTTCCCTTCCGTCTGCAGTCTCTCA  
GGTTCTACTCCCTCAGCAGCATGG

>GBEQ1493 |Acc|BM781251|Ver|BM781251.1 GI:19129483|MLN1\_6\_F12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:585

ACGAGCAAAACCATACCCCAACCTGAGGCTGCTCGAGCAGCGAACAATGGAGCACTGCCCCCTGACCTC  
AGCTACATCATCCGAGCTAGGCACGGTGGTGAAGACTATGTCTTCTCCCTGCTCACCAGGCTACTGTGAGC  
CACCCACCGGGGTGTCGCTACGAGAAGGCCTTTACTTCAACCCCTACTTTCTGGCCAAGCCATTGGTAT  
GGCTCCTCCGATCTACAACGAGGTCTTGGAGTTTGATGATGGCAGCCAGCTACCATGTCCCAGGTAGCC  
AAGGATGTGTGTACCTTCTACGCTGGGCGTCTGAGCCAGAGCAGCACCATCGCAAACGCATGGGGCTCA  
AGATGTTGATGATGATGGGCTTGCTGTGCCCCCTGGTCTATGCCATGAAGCGGCATAAGTGGTCAGTCTCT  
GAAGAGCCGGAAGCTGGCATATCGACCGCCCAAGTGACCTGCCCCATGTCTGCTTGTCCCCCTGCCTGA  
ATGGGTCTCTAAGCCAAGGGGCTGTCTGGGCCTGTTTCAGGCTTCAGCTGGCCTTCTCAGCCAAGTCCCT  
CTTCTCTGGGACAAGAGGGGA

>GBEQ1494 |Acc|BM781250|Ver|BM781250.1 GI:19129482|MLN1\_6\_F11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:31:Stop:649

GATCTGCGCAGCAACCTCCAGGTATCCAACGAGCCTGGTAATCGCTACAACCTCCAGCTCATCAACGCAC  
TGGTGCTCTATGTAGGGACTCAGGCCATTGCACACATCCATAACAAGGGCAGCAGCCTTCAATGAGCAC  
GATCAGCACTCGGCTCACATGGACATATTTCAAGATCTGGCTGTGGACTTGGACACTGAAGGTGCGGTAT  
CTCTTCTTGAATGCAATTGCAATCAGCTGCGGTACCCAAATAGCCACACTCACTACTTCAGCTGTACCA  
TGCTGTACCTTTTTGTCAGAGGCCAATATCTGAAGCTATCCAAGAACAGATTACAAGGGTCTCTTGGAAACG  
GTTGATTGTAAATAGGCCACATCCTTGGGGTCTTCTTATTACCTTCATTGAGCTGATTAAAAATCCAGCG  
TTTAAGTTCTGGAACACGAGTTTGTACATTTGTGCCCCAGAAATGAAAAGTTATTCCAATCGGTGCGCAC  
AATGCTGCATGGGACAGAAGCAGGCTCAGCAAGTAATGGAAGGGACAGGTGCCAGTTAGATGGAAGTGA  
TCTCTGTTGTAAATGTGTGAGCCTGGAGTCTTACCATGCCAGGGTTATAAACTGGCTG

>GBEQ1495 |Acc|BM781233|Ver|BM781233.1 GI:19129465|MLN1\_6\_H06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:524

GGCACGAGGAAGGAGAAGGCCAGTCTGCCAGGAGTGAAGAAAGCTTTGGGCAAGTATGGTCTGCGGATG  
TGGAAGACACCACAGGAAGTGGAGCTACCGATAGTAAAGACGACGATGACATAGATCTCTTGGGTCTGA  
TGACGAGGAGGAAAGTGAAGAAGCGAAGAGGCTAAGAGAAGAAGCCTTGCACAGTATGAGTCAAAGAAA  
GCCAAGAAACCTGACTTGTGCGAAGCTTCCATCTACTAGATGTGAAACCTTGGGATGACGACAG  
ATATGGCAAAGCTGGAGGAGTGGCTCAGAAGCATTCAAGCAGACGGCTTGGTCTGGGGCTCTCTAACT  
AGTTCCAGTGGGGTATGGAATTAATAAACTTCAAATACAGTGTGTAGTTGAAGACGATAAAGTTGGAAGT  
GATATGCTGGAGGAGCGGATCACTGCTTTTGAGGACATGTGCAGTCCATGGATGTGGCCGCTTTCAACA  
AGATCTAAACCCGTCGTGGATCGTTGCTCGTGC

>GBEQ1496 |Acc|BM781230|Ver|BM781230.1 GI:19129462|MLN1\_6\_H08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:663

CGAGGAGAATCCACCCAGGTATCGTGATCAACAGGCCCAATGGCTCGGACGTCTACGCGGGAGTCCCG

AAGGACTACACCGGCGAGGATGTCAACCCGCGAGAATTTCTTGCTGTGTTGAAAGGAGACTCAGAAGCCG  
TGAAGGGCAAAGGATCTGGAAAGGTCTTGAAGAGTGGCCCCAAGGATCACGTGTTCTGTTACTTACC  
TCACGGAGCTACTGGCATACTCTGCTTCCCCGACGATGATCTTCACGTACAGGACCTGAATCAGACCATC  
TATTTTCATGTACCAACACAAAATGTACCGAAAGTTGGTGTCTACATTGAAGCCTGTGAGTCCGGGTCCA  
TGATGCACCACCTGCCCCGCGACATCAACGTTTATGCGACTACTGCTTCCAACCCAGTGAGTCGTCTTA  
CGCTGTTACTACAGATGATGAGAGAGTCACTACCTGCGGGGACTGGTACAGTGTCAACTGGATGGAAGAT  
TCAGACATGGAGGATTTGACGAAAGAGACCCTGCACAAGCAGTACCAGCTGGTGAAGTCGCACACCAACA  
CCAGCCACGTCTGAGTATGGAAACAAGTCCATCTCTGCCATGAAAGTAGTGGAGTTTCAGGGTGTGAA  
ACACAAAGCCAGCTCTCCCATCTCCCTGC

>GBEQ1497 |Acc|BM781223|Ver|BM781223.1 GI:19129455|MLN1\_5\_F07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:20:Stop:594  
TATCGAATGAGACCAAGCCATTTGGCATGAGTCGCAGGCGAGTAAGGAGCAGGAGGGACAGTATTATTG  
CACAGCCTCCAACAGAGCCAACCTTGCCAAAAGGTCCCCCAAAGCAACGCGCTCACAGTTAGAGTCTTT  
CTTTCCCGTGGAGAAAGGACTTATGTCAGTGGTATCATTTGGAGTGATAATTGCTCTCTTGATCTCG  
GGGCCAGATGCTATTTTCTGAAGAAAGCCAAAGCCAAGCAGAATCCAGTGGCGATGCCAGGCTGGGAGC  
ACCACTTCTGAATCCAACAACGAGAAGATGTTGTGATGCCAATACTGAAGCCAACAGACATTATGGT  
TATAGTGAAGATGTTGGAACCATGCGATGAAACCAATCAATGAAAATAAGAGCCTCTGACCTCGGACG  
TGGAGTACACGGAGTGGAAGTGACCTCACTGAACCTCATCAAGGTCTGGGAACAAAGGGCAGGAGAC  
GGTGTACAGTGAAATCCGGAAGCTGATCTGATTTCTGTTGAAAACAGATATTCTAGAACGGAAGGCTCC  
CTTGATGGAACCTAG

>GBEQ1498 |Acc|BM781218|Ver|BM781218.1 GI:19129450|MLN1\_5\_G05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:531  
GCACGAGGTACTCCTATGGAATAGAATGTGATGCAACATACGTTACCGTGCACCTCTTGACTGGAGACCC  
TGGCTATTTGGAGGGGGTATTTTCTATGAGAATTAATTGCCCTGTCTCTGTGCAGTTTTTCTGTAGCC  
TTCGAGGAAAAAATAAAAAGATTGTTGCAGGCAGGTTCCACTCAACTGCTGTTTGTACTGTCTGTCTTC  
AAAGTCATATTCAGACTTAAGTTTTCTGAAGTTAAATTCAGATTTCTAGATTATCGCAAAGTGGGACCT  
CACCAGTCGTGACGTGTGTCTCATGAGCAGTGGGCACAGTCTGCATCTGTCTGACACACTGTCTCT  
GCCGTGAGGAGGTTCAATTTGAATCACTGAATTGCAACACTTTGTGACTTCGTAGGATTTCTGATTGTGCAT  
GTTGATGTACTGGCTTTTACCTTGGACTTTTGTATGTTTATTCGTATTTCTGGAGAGTCATGACTTGCC  
TCTTAGGAAATTGATCTCATACTAATGATCTTTACCGGGG

>GBEQ1499 |Acc|BM781217|Ver|BM781217.1 GI:19129449|MLN1\_5\_G04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:56:Stop:527  
CTCAGATGAGAAGAAGAGAGTTGATGAGATGCAGCAGCAAGTCAAGATGTATAAGTCCAACCTGGAGTCC  
TCTAAGCAAGTAATTAAAGTACTACAAGCAGAAAGCTACTAGAACTCCAGTCTAAAGAAAAATTGATCA  
ACAGCTTAAAGGAAGGGTCTGGTTTTGAAGGCCTCGATAGCAGTGTCTGCTAACAGCATGGAGCTGGAGGA  
ACTTCGGCATGAAAAGGAGCTGCAGCGGAGGAAATACAGAAGCTGATGGGCCAGATACATCAGCTGAGA  
TCTGAATACAGGATATGGAGGCTCAGCAGGTTAGTGAAGCAGAATCAGCAAGAGAACAGTTACAAGATC  
TGCAAGACCAATAGCCGAGCAGAAGGCGTCTAAACAAGAACTAGAGGCAGAGCTGGATCGACAGAAGCA  
GGAATTCACCTACATGGAAGAAGATCTGTATCGAACAAGAACACACTGCAN

>GBEQ1500 |Acc|BM781215|Ver|BM781215.1 GI:19129447|MLN1\_5\_G02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:500  
CACGAGATTATATGCTCTTGGGTCAAATATCCTTTACCAAATGACTGACCTTTTGTGAGTTCTTTGG  
GTAATACTTTTTGAAAAGCTTTTTGTAATTTTAAAGAATCCTTATAAAATCGTATCACATCTTAAACCA  
GTGGTGCACATGTGATTTACAGCTCATGGACTCTACTGTTTCACTTTAATTTATAAAACATACCACACA  
TTTAATGTTATACAGTATTTACATATAGTGGGACATAGGGGTATCTCAGTTTAAATGTATATTTATGGTAA  
GTGTTGTAGCTTACCGGAGTGAATCTTTTTTGTCTTTCTTCTTCTTGTCTCCAGGTGGTGAAGCAGTA  
TTTTCCAATTTGAAGATTCATTTGAAGGTGGCTCCTGCCACCTGCTAATAGCAGTTCAAATAAATTTT  
TGTATCAAGTCCCGAATGGAAGTATGACGTTGGGTCCCTCTGAAGTTTAAATCTGAGTTCTCATTA  
GACATTTG

>GBEQ1501 |Acc|BM781199|Ver|BM781199.1 GI:19129431|MLN1\_5\_A05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:29:Stop:619  
AAAAATCAAACCTGAGATTTGGGATACAGCAGGACAGGAGAGGTTTAGGGCTGTTACCGAAGCTACTA  
CAGAGGAGCTGCGGGAGCGCTTATGGTCTATGATATCACTAGAAGAAGTACGTATAACCACTTAAGCAGC  
TGGTTGACAGTACCGGAATCTCACCAATCCGAATCTGAATAATTCTCATAGGAAATAAAGCAGATT  
TGGAGGCACAGAGAGATGTTACATATGAAGAAGCCAACAGTTTGCTGAAGAAAACGGCTTATTGTTCT  
TGAAGCAAGTGCAAAAACGGGAGAAAACGTAGAAGATGCTTTCCTTGAGGCTGCCAAGAAAATCTATCAG  
AACATTCAGGACGGAAGCCTGGATCTGAATGCTGCTGAGTCTGGTGTACAACACAAACCTTCAGCCCCAC

AGGGAGGCCGGCTAACCCAGTGAACCCCAACCCAGAGAGAAGGCTGTGGCTGCTAGTGACCTCTTTGCCG  
TGGCTCTCATTGACCTTTACCTCTGTCTGTTGGAGCAGTACTTTTACTGCTTCATTGTCTTCTGTGA  
CATCTTACTGGGTTTAATTAATAAAAAAAAAA  
>GBEQ1502 |Acc|BM781196|Ver|BM781196.1 GI:19129428|MLN1\_5\_A01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:505  
AGTGGGCTCCAGAAAACATTTGGGTGACCCAGGAGAAGGCTCCCTTATCATCAAGTTGTCCCCCTCCCT  
TTGACATCTATGATTCCACGGTCGCTTTTTCAGTATTACGTCCATTACTGGGAAAAGGAAAAGGCAGGAAT  
CCAAAAGGTTGCAGGGCCTTTTCATGACCAACTCCATTGTGTTGAGTGATTAAAAACCTTAACGGTATAC  
TGTTTACAAGTCAAGGCACAACACTTTTGGACAATGCTAAACATCTCTAGACCCGGGCATTTAAGCAGCA  
TATCTTGCTACGAAACGATGGCAGATGCCTCCACCAAGCTTCAGCAAGTGATTCTCATCGCCATTGGAAC  
CTTTCTGTTGCTGTCGGCGATGGCAGGGGCTGTCTCTTCTGCTGCTGAAATACAGAGGCCTGGTTAAA  
TACTGGTTTCAGTCTCCGCCAAGCATCCAGTACAAATAGAAGAGTATTTAAAGGACCCGGCTCAGCCTA  
TCTTAGACG  
>GBEQ1503 |Acc|BM781192|Ver|BM781192.1 GI:19129424|MLN1\_5\_A12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:28:Stop:662  
AAGTGAGCCTTGCTGATCTGCAGAAATGACGAAGTTGCATTTAGAAAATTCAGCTAATTACTGAGGATGT  
TCAGGGCAAAACTGCCTAACTAATTCATGGGATGGATCTTACTCGTGACAAAATGTGCTCCATGGTC  
AAAAAATGGCAGACCATGATTGAAGCTCATGTTGACGTCAGACTACCGATGGTTATTTGCTTCGTCTGT  
TCTGTGTTGGTTTTACTAAAAACGCAACAATCAGATTCCGGAAGACCTCTTATGCTCAGCACCACAGGT  
CCGTGAGATCCGGAAGAAGATGATGGAATCATGACCCGAGAGGTGCAGACCAATGACTTGAAAGAAGTG  
GTCAATAAATGATTCCAGACAGTATTGGAAGGACATAGAAAAGGCTTGCCAGTCTATTTATCCACTCC  
ATGATGTCTTTTGTAGAAAAGTAAAAATGCTGAAGAAGCCCAAGTTTGAATTGGGAAAACCTCATGGAGCT  
TCATGGTGAAGGTAGTAGTTCTGGAAAAGCTACTGGGGATGAGACAGGTGCTAAAGTTGAACGAGCTGAC  
GGATACGAGCCACAGTGEAAGAATCTGTTTAAAATTCAGACTTTTGATGGAGACNAATTAGAAAAAATC  
TCGTG  
>GBEQ1504 |Acc|BM781186|Ver|BM781186.1 GI:19129418|MLN1\_5\_B10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:656  
ACGAGTTAAAACCTTGCTGGAAGCTTTGGAGAGCTTAGCTGGAACCAACGGGCTGATCCTTGGGCACAGCC  
TTGGCAGCACCATCATGATGTCAACCCAAGACCAATGAGACCTTCATAGCTCTCACACCAAAATGGCAT  
CAGCTTCCTCCAAACAGAGGATCCCAACTTACCAACAAGAGGCAGGACAGCCTGAAGAAACATCTAAAG  
GCAGAGGTCAAAGTTCTCGGGACTATCCAGATCCTGTGTGGGATGATGGTGTGAGTTTGGGAATTATTT  
TGGCATCGGCTTCCTCTCTCAGCATTTTACCCAAGCGTTTTCTATTCTGTTGAAGGCTGCTTACCCATT  
CATAGGAGCCTTGTTTGTCTATCTCTGGATCTCTATCAATCATCACAGAGAAAAGTCCACTAAGCCT  
TTGTTTCAGAGCAGCTAGCTGCAACATTTCTGAGCTCTCTATCAGCTCTGGTGGGTTTCATCCTCCTTT  
CTGTCATACTGGCTTCTTTGGGTCTGCTTTTGGACGTGTGTCTTGGACAAACAGCATATACCAACTGA  
ACGGGATTATTCTTACTATCATAGCTTATATGAAAATAATGACTGCCTCAAGGCCAAAACCTATTCTGGCT  
GGAACCATGTCTATAATGCTGAT  
>GBEQ1505 |Acc|BM781180|Ver|BM781180.1 GI:19129412|MLN1\_5\_C07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:646  
ACGAGCTTAATCTCTAGTAAAACTGAGCATAATTTTACCTTTTACGGTTTAAATTACAATTTGAAAA  
TGTTAAGACATTGTATCTTTTGTTCAGTGGATTACCTTGATACTGTGGTTTGTCTTTAATGCATTCTG  
TATTTGGACACATAGCTTATGCTTTTTAGGTTTTGGTTGCTGTCTTGCCAAAATAAGTTACTATATCT  
CAAACCTTGAAGTCCCGTCCCGCATCCTGTCTATCCCCCGCTCCAATGTCTTATTTGAAGAGAAACCTAA  
AGCTTACTTCTGAATCAGAGCCTATGTTTTGGTATAGGACTTGCAGTGTATTTTCGTGTTGAATATAGC  
CAGACACCAAGAAGTCTGTGATGATGGCTCTGAATGCAGGTGACTAGGGCCTGACCCAGCCCAAACAG  
GACTTCAGATTTAGAAGTAACTTCTTCTGAATTCCTTGCCAGTTGGCTGATCTAAACGCCTTGCTAT  
GGGTTCTGACTATATCTGAGAAATCATCTTCAAGGTAAAAACTTGTGCAATTTATTCCTTTACACAAAAA  
GTGCACTATGGGAATCAAGAATCCATGGGCTTAATTTTGTCTGGAGCACTGGCTTACATCATTCACCTCT  
CTGATTTATGATT  
>GBEQ1506 |Acc|BM781179|Ver|BM781179.1 GI:19129411|MLN1\_5\_C05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:42:Stop:656  
GTCAAAATGTATTTTGTGTTGGCATCTTGACAGCATCTTGAGATTTCTTGAGATTTTCATTTTAAC  
CGTATTTCTTTCTCATTTGAAAATGATTTAAAGTGTCTTTCTGTTTGTGATTTTTTACCTTGGTGT  
ACACTGTTGAGCTTGTCAAGTCAATTTCTGCAATTTTAAAAATAATCTTTTGGATCTATTTGTGTG  
TGTTAATGTTTACCAGTTGGGATTTTGTGTTTTGTTTGTAGAGAAATCTGTGTTATAAAATGTTATAAA  
ATGTAATACAAGATGTGTATGCTCTAACTTAAAGTAGGAACCTTTTTTAAAGAATAAATATTTGTGTAGC  
TTAGTAAGAGGTTCAAGCTAGTGACCATGAAATTAGGTTACATGACATGAAATGTACATGGTACAGTGT



AAAGTTCTTGTAGTGTATTTTTTCTGATTTCTGACGGATGTTATGGCTCATGCTAAAGTAAGACATTT  
GAGTATTTTGAAGTACTTATTAAAAAGTGTAGTACTCTACAAAATTTTTTAGATATCTTTGTTTCAGATGT  
GGCTGTAAAGCANAGATAATTGATAACATTTTCAGTGTAAATGCATTTTTTAAC  
>GBEQ1507 |Acc|BM781177|Ver|BM781177.1 GI:19129409|MLN1\_5\_C03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:423  
AATAGATTATCCAATAATGGAGAACTTTTATGTGTATCATGAGCATAAGAATCTGGATTATCTAACATT  
GATAGCCCTGTGTATGTACAGTTTCAGAAAAGTTCATAATTAAAGTAGTTTCTGTCTCTAGTGTGGTATA  
TCTCAAATTGTGCTGAGGTTATTTTAGGTATATGTATTTTCATTCCTGTGCTTCTCTCTGAAGTCCTGGA  
ATACGGTTTTTTCAGTGTAAATTAATTCAGCTGCACCTTAACACTAATAATGTCATGTTGGTATAGAAATG  
CTTTCTAAATCCTATCCTAGAGTTGAGGAAGATCTTCCATTTTATGGTATTGCACAGGGAAGCTATGACT  
GCAGGATCACTTAACGTGTACTAGTAAGTGCATGTATTCTCTTTTCTACTAATCTATCCTTGGC  
>GBEQ1508 |Acc|BM781174|Ver|BM781174.1 GI:19129406|MLN1\_5\_C08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:628  
GGCAGGAGCAACGTGTCTGACAGACCTAGCAGTTAACAGGCGCGGACCCACCATTTCGAATGAGACCCCTC  
GATGCAGGCTCCGTTCTGTATCGCCCTGGGCTTGCTTCTTGCCGGCCCTGCTGCTCCTGTAGCGTCTCTC  
TCAGAACGGCTCCGTAGCTTTTCTGGGATAACTGTGATGAGGGGAAGGACCCTATGGTGCTCAAAAGCC  
TGACTCTGGAACCTGACCCCATTTGCCGTTCTTGGGAACGTGACTGTGAGTGGCGAGGTGAAGACCACTGT  
CGCCCTCTCTGTCTGATCAGAGGTTGGAACCTAACGGTGGAGAAGGAAGTGGCTGGCGTATGGGTCAAAAT  
CCATGTGTGGATCAGATCGGTAGCTGTACTTTTGACAATGCCGTGTGATATACTAGACGCTTTGACTCCCC  
CTGGGCAGCCCTGCCAGAGCCCTGCACACCTTTGGGCTTCCCTGCCACTGTCCCTTCAAAGAAGGCAC  
CTACTCACTGCCCCAAGAGTACTTTCCCTTGCCCTGACCTGGAGCTGCCAGCTGGCTCAGCAACGGGAAC  
TACCGTGTCCAGAGCATCTGAGCAGCGTGGGAAACGCTCTGGGCTGTGTCAAGATCACTGCCTCTCT  
>GBEQ1509 |Acc|BM781173|Ver|BM781173.1 GI:19129405|MLN1\_5\_D03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:498  
AATAGATTATCCAATAATGGAGAACTTTTATGTGTATCATGAGCATAAGAATCTGGATTATCTAACATT  
GATAGCCCTGTGTATGTACAGTTTCAGAAAAGTTCATAATTAAAGTAGTTTCTGTCTCTAGTGTGGTATA  
TCGCAAAATTGTGCTGAGGTTATTTTAGTATATGTATTTTCATTCCTGTGCTTCTCTCTGAAGTCCTGGAA  
TACGGTTTTTTCAGTGTAAATTAATTCAGCTGCACCTTAACACTAATAATGTCCATGTTGGTATAGAAATGC  
TTTCTAAATCCTATCCTAGAGTTGAGGAAGATCTTCCATTTTATGGTATTGCACAGGGAAGCTATGACTG  
CAGGATCAGTCTAAGTGTACTAGTAGGTGCATGTATTCTCTTTTCTACTAATCTATCCTTGTCTATCTAGA  
ATACAGGCTCTTCCAATCAGCTGGTCATTTATCAGGTGTGGACTTAAGTTGCTGGGCTTGCAATAAGAA  
>GBEQ1510 |Acc|BM781163|Ver|BM781163.1 GI:19129395|MLN1\_5\_D09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:58:Stop:596  
CGCTGTGCGCCCCGCAAGGCTTCGCGGTCCGCCAAGCCAGCTCCAGCGCATGTGTCGACCCGTTTCTCTC  
CACTTCGTTCCCCGCCAACCGCAACCATTGACGCCATGTGCGGTTATTCGAGTGACCGAGACCGCGGCCG  
GGATCGAGGGTTTGGTGCACCTCGATTTGGAGGAAGTAGGGCAGGGCCCTATCTGGAAGAGAGTTTGGAA  
AACCTTGGGGAGAACTAGTTAAAAAGAGTGGAACTTGTGAGCTGCCCAAATTTGAGAAGAATTTTT  
ATCAAGAACACCCTGATTGTGGCTAGGCGCACAGCACAAGAGGTGGAGACATACAGAAGAAGCAAGGAAAT  
TACAGTTAGAGGTACAACTGCCCAAAGCCAGTTCTGAATTTTTATGAAGCAAATCTCCCTGCAACCGTT  
ATGGATGTGATTGCAAGGCAGAACTTTACTGAACCCACTGCTATTCAAGCTCAGGGATGGCCAGTAGCTC  
TAAGTGGATTGGATATGGTTGGAGTAGCACAACTGGATCTGGAAAAACA  
>GBEQ1511 |Acc|BM781162|Ver|BM781162.1 GI:19129394|MLN1\_5\_D08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:642  
AGAAGCCTTTAAACTCTGAAGATAATTGGTTTCAGAGTTATTCCAAGCACTTGTGCAACTTTGAAAAACAG  
ACTTGGTTTGTGGGAACAGTTGACAAGGTTCTGAAAAGATGCCATTTGTTTTCTTCTGATCTCTCCCTTT  
TCAGTGTTTACCGTACAATTTCCCAAGGTGATTCTGTGATTCCGAGGCCCTGGTCTTTTTCTCACGT  
AGCCGTCTTTTAAAGTTATGTTAACTCTTGAAGTTCCAGAACACTCAGCAGTTTCTTTCAGTGATATACT  
TTTTTTGTTGTTTTTAAATGTGAAGCTTTAGGACCAAATTTGTAGAGAGCATCAGGATTACCAATTAT  
TTCAAATAGATTTATTGGATTTCAGAACATGCAGCATGACTCCGAAGGATACCATTATATGTTATATATA  
TAAATAATTACTGTTTATGATAGAGACATTACTATTAATTTAGAGAACCATCGTTAATTTTTTAAACT  
AGCGATCTATTCAATTAAGTGCAGCAGTTGACTTGAGTAAGAACACTATGCCAGCCAGATTGGCCAGTT  
TGCAGAAATGAAGTCTCTCTCTCTCACATCAAGTTTTGTAAATTTGATGTATTATAGTGGAAAAATAACA  
TACAGA  
>GBEQ1512 |Acc|BM781155|Ver|BM781155.1 GI:19129387|MLN1\_5\_E04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:553  
ACCATCCTGAGACTCTGAAATGAAGTGAGAGAATAGGACTGTGGCAGGCCATCCCATGGAGTGCCACGAC  
CCCAATTCAACTCACCATGTATTTATTGACTTGCTGGAGGGGTTAGGGTGGAGAACAAAAGGGAACCG

ATTGTTAGCCTTGAAATCTGCCTCCAGCGTCACTCTTTCTCACTCACCTTAACATTGTGGTTGCGAAGAG  
TGATATCCAACGACTTTTATAGACGAAGAAAGGTCAGAAAATCATTTCTATTGGGTTCAATGGGGGTTTAGG  
GCAGGGATAGGTTAGAGTGGGGTAGGGGCGGGAGATGGAACGTTTAAAGCCGTTAAACACTGTCTC  
TCATTCATGAAATGAGCCACTTAGTTCCTATTTAATGCTGTTTACTTTTACTTTTAGAAAGATGTAGACA  
TTGTTTTTGTATGATTTCTGGTCTGTTTAGTCATTTTGACCGATGGAATCCCTTCAAAGCCCCGCGAGGC  
AAACCAGCTTGTCTTCTCACTCCCTGGGTGGGAGTTTGCTGTGGTCTTCA  
>GBEQ1513 |Acc|BM781154|Ver|BM781154.1 GI:19129386|MLN1\_5\_E03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:21:Stop:562  
CACAGGGGCCCTGGAGTCTGCGGTGCGCATCGCAAGTGGGAAGCTGCTCTCTTTGGCAGAACAGCAACTG  
GTGGACTGTGCCAGAACTTCAACAATCACGGCTGCCAAGGGGTCTCCCCAGCCAGGCCTTCGAGTACA  
TCCGATACAAAGGGCATCATGGGTGAAGACACCTACCCCTATAAGGGCCAGGATGGTGAAGTCAAGTT  
CCAGCCTAATAAGGCCATTGCTTTTGTCAAGGATGTAGCCAACATCACACTCAATGATGAGAAGGCAATG  
GTGGAGGCGGTGGCCCTGTACAACCTGTGAGCTTTGCCTTCGAGGTGACTGAAGACTTTATGATGTACA  
GAAAGGGCATCTACTCCAGTACTTCTGTCTATAAACTCCAGATAAAGTAAACACGCACTACTGGCTGT  
TGGGTATGGAGAAGAAATGGGATACCTTACTGGATCGTGAAAACCTCTTGGGGTCCCCACTGGGGCATG  
AACGGGTACTTCTCATTTGAGCGTGGGAAGAACATGTGTGGTCTGGCCGCT  
>GBEQ1514 |Acc|BM781150|Ver|BM781150.1 GI:19129382|MLN1\_5\_F01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:392  
GGCAGCAGAACGAATTGGTCCGCACCAAGACCTGGTGAAGAACTGCATCGTGTGGTTGACAGCACACC  
GTACCGACAGTGGTACGAGTCCCACTACGCACTGCCCCCTGGGCCGCAAGAAGGGGGCCAAAGCTGACTCCT  
GAGGAGGAAGAAATTTTAAATAAAAAACGCTCAAAGAAAATTCAGAAAGAAATACGATGAAAGGAAAAAGA  
ATGCTAAAATCAGCAGTCTCCTGGAGGAGCAGTTCCAGCAGGGCAAGCTTCTCGCATGTATCGCTTCCAG  
ACCAAGCCAGTGTGGCCGAGCAGCGCTATGTGCTCGAGGGCAAGGAGCTGGAGTTCTATCTGAGGAAA  
ATCAAGGCCCGAAAGGCAAATAAGTCCCTCTGGTCTCGTGC  
>GBEQ1515 |Acc|BM781148|Ver|BM781148.1 GI:19129380|MLN1\_5\_E10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:641  
GAGGAAGTCTCTGAACCTTCTTGGTGGTGGGAAGATAAAGTTGAAAGCTACAAGAAGACCAAGGAGGCTG  
TTTTGCTTCTTAAGAACTTAAGGCCTGGAATGATATCAAAAAGGTCTATGCCTCTCAGCGAATGAGAGC  
CGGCAAGGGAAAAATGAGAAACCGACGTCGTATCCAGCGTAGGGGGCCCTGCATCATCTATAATGAGGAC  
AATGGTATCATCAAGGCCTTCAGAAACATCCCTGGAATTACTCTGCTTAATGTAAGCAAACTGAACATTT  
TGAAACTTGCTCTCTGGTGGGCACGTGGGACGTTTTCGATTTGGACTGAAAGCGCTTTCGCGAAGTTAGA  
TGATCTTTATGGCACTTGGCGTAAAGCTGCTTCCCTCAAGAGTAACATAACCTTCCCATGCACAAGATG  
CTCAATACAGACCTTAGCCGAATATTGAAGAGCCAGAGATCCAAAGAGCCCTCCGAGCACCACGCAAGA  
AGATTTCATCGCAGGGTCTGAAGAAGAATCCACTGAAAACCTGAGAATCATGTTGAAGCTAAACCGTA  
TGCGAAGACCATTGCGCAGGAACACCATTCTTCGCGAGGCCAAGAATCACAACTCCGGGTGGATAAGGCA  
GCAGCAGCACT  
>GBEQ1516 |Acc|BM781147|Ver|BM781147.1 GI:19129379|MLN1\_5\_E09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:646  
GCTCACATGAATGTCAACCCACAGCAACCAGCATAAAGCAAAATGAAATAAAGAGAACGTATTACCTTTTT  
TAATTATTATTAGTGTGGGTATGGCTAATTAGTTCTGATTACCCACAAAGGTTACATTTATGCTTAGTA  
CATTTGTAAATACTCAGTTTTATACTGTATGTATATGATTGCTACTCTCAAGGTTTGGATATATGTATTG  
TAATTAGAATTGTTGGCATGATGAAATTTAGTTGTGCCAAAAAATATTAATAATGCCTTTTTTGGGAAGG  
ACTAAAGAAAGCACCTGATTTGCACTTGAACAGATTATAGTTTAAAGTATATGACATGTATTTGTAT  
TTAAACTAGAATAGCCAGTATTTATGTTTTTACAAAACCTGTGCAATACGAATTATGCAATCACAATAA  
ATTTGTAACCTCCTGAGTATCCTAAGGGAGTGCACATCTTTGAAGCTGGTGTGTTAATACTATGTAATAAA  
TGGTTAAATATCAGATGATGCTGCTGCCAAAATCATATTAATAGTGAGTTTCAGGCCCTGGGCATTTTG  
TACCTATAATTACCTGTGTGTGATACGTGTTCTCGTTGCTAGTGGCATTTAGTGCCTCTGTCTTAAAGCA  
ACAGTGCTC  
>GBEQ1517 |Acc|BM781141|Ver|BM781141.1 GI:19129373|MLN1\_4\_A02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:111:Stop:494  
AGTCCAGTCAAAAATGAGATTTTCTAAGAGTAACAAATAAAGATCAGACNAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAACCTGATCTCTAAGTTTGATACTGTTGAAGACTTTTGGGCTCTGTACAACC  
ATATCCAGTTGTCTAGTAATTTAATGCCTGGCTGTGACTACTCACTTTTAAAGGATGGTATTGAGCCTAT  
GTGGGAAGATGAGAAAAACAAAAGAGGAGGACGATGGCTAATTACATTGAACAAACAGCAAAGACGAAGT  
GACCTGGATCGCTTTTGGCTAGAGACACTGCTGGCTTATTGGAGAATCTTTTGATGACTACAGTGATG  
ATGTATGTGGAGCTGTTGTTAATGTTAGAGCTAA  
>GBEQ1518 |Acc|BM781136|Ver|BM781136.1 GI:19129368|MLN1\_4\_A12.g1\_A005 Mesenteric lymph



node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:134:Stop:538  
CCTGTGGAACGTCTTCCAGAGGGTTGATAAAGACAGGAGCGGGTGATCTCGGACAACGAGCTTCAGCAA  
GCACTATCCGATGGCAGCTGGACTCCATTTAATCCCGTGACTGTCAGGTCGATCATATCTATGTTTGACC  
GGGAGAACAAAGGCCGGCGTGAACCTTCAGCGAGTTCACTGGCGTCTGGAAGTACATCACAGACTGGCAGAA  
CGTCTTTTCGCACCTACGACCGGACAATTCTGGGATGATTGACAAGAACGAGCTCTAGCAGGCGCTCTCA  
GGTTTCGGGTACCGGCTCTCTGACCAGTTTCACGACGTCCTCATTGAAAGTTTGACAGACAAGGACGGG  
GGCAGATCGCCTTTGACGACTTCATCCAGGGCTGCATCGTCTTGACAGTCAGTAG  
>GBEQ1519 |Acc|BM781128|Ver|BM781128.1 GI:19129360|MLN1\_4\_B12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:43:Stop:636  
CCAGATCAAGGAGGGGAAACGGGTATTGATTGCTGCCCATGGCAACAGCCTCCGGGGCATCGTCAAGCAT  
CTGGAGGGTCTCTCTGAAGAGGCTATCATGGAGCTGAACCTGCCAAGTGGTATTTCCCATGGTCTATGAAT  
TGGACAAGAACTTGAAGCCCATCAAGCCCATGCAGTTCCTGGGGGATGAAGAGACCGTGCCTAAAGCCAT  
GGAAGCTGTGGCTGCCAGGGCAAGGCCAAGAAGTGAAGGCAGGCAGACTTCTTTCCCAAGGACACCCCC  
CTGCCCCATCCCATTCTCTGACCTCTCCTCTGCACATGCCACACTGACCACATCTGTAGGCATCCTAAG  
TTGTAGCTGCAGATGGGGACTGGTGGTTCCCAATTTCAATTTAGCCATTTTGTCTCTTGACCCACTCCC  
TTCACACAATCTAGTCAGAAATGGCACCTCTGGGGCATGGGTCTCAGTCCAGCCGAGGGAAGACTCTTA  
GCCAAGGGAGTTGAGAGGTAGTAACTCTGGGGTTTTAGCTAGTGCTTTATAAGGACCTGCTTAAGTAGGG  
GATAGGGAGGAACCATGCCAAGGTGTGACCAATG  
>GBEQ1520 |Acc|BM781125|Ver|BM781125.1 GI:19129357|MLN1\_4\_C03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:578  
CACGAGGAAAGCCTTTGCTAGTTTCTCAAATCTTACTGCCCATTTTAGAACTCACACTGGAGAGAAGCGT  
TTTGAGTGTAATGTATGCAGNGAAAAGATTTAGCAGTTCTCTACACTTAGTCGTTTCAACACCGCACTCAC  
ACTGGAGAGAAACCCATAAATGTGAGGAATGTGGGAAGGGCTTTAAATGTTCTGTGTCCCTTAAAGTTC  
ACATCGCGGATTACACTGGAGAGAAACCCATGAATGCAAGAAATGTGGGAGAGCCTTCACTCAGTCCTC  
AAGCCTTACTGACCATAGGAAAACCTCACTAGGAGAGAACCTTTTAAATGTGACGCATGTGGGAAAGCC  
TTTGCTCTTTCTCACATCTTAACAGACATTTTAGAACTCACACTGGACAAAAGCCTATTGAGTGTAATG  
TATGTGGGAAACATTTAGCAGTTTTTTGTACTTGATCGTTTCAACAGCGTACTCACGCTGGAGAGAAACC  
TTAGAAACGTAAGAATGTAGGGAAGCCTTCAGTTTTCCCATTTCTTTTGGTACCATGAAAGCACTTA  
CCTGCAGAGAAATCCT  
>GBEQ1521 |Acc|BM781124|Ver|BM781124.1 GI:19129356|MLN1\_4\_C01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:61:Stop:574  
AAGCACACAGACTGAGAGCAACAAAAGATGGAAGAAAATGAAAAGGAGTTAGCAGCCTGCCAGCTTCGC  
ATCTCTCAACATGAAGCCAAAATCAAGTCATTGACTGAATACCTTCAAATGTGGAGCAAAAGAAGAGAC  
AGCTGGAGGAATCTGTTGATTTCCCTCAGTGAAGAACTAGTCCAGCTTCGAGCACAAGAGAAGGTCCATGA  
AATGGAAAGAGGACTGTGACTTTCCATTTGTTTGAACATGAAGTTAAGCAAGCCGTGAACAGCAGATC  
CAAAGCCACAGAGAACTCATCAAAAACAAATCAGTAGTTTGAAGATGAAATTGAGGCGAAAGAAAAC  
TTATTACTGATCTTCAAGACCAAACTCAGAAAATGATGTTAGAGCAGGAACGCTCTGANAGTAGAACATGA  
GAAGTTGAAAACCTACAGATCAGGAAAAGAGCAGAAATACATGAACTTACGGTTATGCAAGATAGACGA  
GAACAAGCTAGACAAGACTTGAAG  
>GBEQ1522 |Acc|BM781123|Ver|BM781123.1 GI:19129355|MLN1\_4\_C08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:639  
GAAATTAAGGAAAATTTATTTCAGTAACAAAGATCTTGAGGAATTATGCAGACATATCAACAACAGAAACC  
GAGCAGCCCAGCATTTCTCAGAAGCAGTCTACAGAGCTGTTCCAGTGCATGTATTTTAAAGACAAAGACCC  
AGAAACGGAGGAGCGTTGCATATCTGATGGGGTCATTTATTCAATTAGAACAAATGGTGTGCTTGTGTTT  
ATACCAAGGTTTGGAAATCAAAGGTGCTGCTTATCTAAAAAATAAAGATGGTTTGGTGATCTCATGTGGCA  
CAGACAGCCGTTCTGAAATGGAACACAGGATCCCTTCAACGATTTCAAACAAAATCACCTCAACCACAAC  
AGAAGGGGCTCTGTGACTTTCCATTTGTTTGAACATGAACAGTGAAGATATCTGTACAGGCCCTCAGCT  
TGCCATTTCGGATACGATCAGGCTTGAATAATAAGCAACAAACCATACATGATACCAGACACAGAATGTT  
TCCAACAGAGCGCCCTCTGCTAAAGAGTGAGTTAGTGAAGAAAGTAACTAGATCCGTGGAGGAAGCTCA  
GCTTGCCCCAAGAAGTCCAAGTAAACGTCATTTCAGGAAGATTACCAAAAAATACTGCCAAACAAAGGGGAG  
>GBEQ1523 |Acc|BM781120|Ver|BM781120.1 GI:19129352|MLN1\_4\_C12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:28:Stop:663  
CCTGACAGTCATGGACATATTGACCCCTCTCTGCGACCCGCTGCGGAAGTAGCTTTTCTGGGCAGCTCTT  
ACGTGATGTGGGAGAAAGACAACGCGGTTTTTGCCTACTACATGGGCAGCTGAGCGCGGTGAAGCAGTG  
GGAAACAAACGATGGTGCTATTGATTTGATTATCTTACTTACTCCATGAATTCTCAACGAGGAAATC  
ATTCCCTGTGCGATTCATTGCTGGTCCCTGGCAAACCACTTACAGTGAAGTACCAGTGTCAAGAGC  
TGCTGGCACCAAGACGCCTCTGGAAGTGAAGAAGGATCAGCTGTGGCACCAACAGAGCTTAGTAATTT

CTGAAAAGAAAAGAAAGATCTGTTTATACCAAGTTCTACACAAAATGACCATACCGAATAGCCTGAATCA  
TTATTCCTAGTAAATAGCTAAGGCATAGGCTTTTTGATAATTTGGGAAAGACTGTGATTTCAAGTAAATA  
CTCAAAAATTAAGATGTTGGGATTTTTGTTTTTCAGTGGGTTTCGCTTCGTTTCTAGCTCTGGGTGCAC  
GTGCATACTCAATTCTGTTCTTAACAGTCACCCACAGGCTCCTCAGGGTTGCGGTCCNTANACGTGCAA  
CCCAGT

>GBEQ1524 |Acc|BM781118|Ver|BM781118.1 GI:19129350|MLN1\_4\_C09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:647

TTACCAAGTTTAAATACGAAGTTTATCATAACAACAAAATACTACTAATAAGAACTACTGTTCCCAACCAT  
GTCCCATACTCCCTCCTCCCTGAAATAAAAGTTTATGTTGTTTTTCTTTCAGAGGCAGGGGGGATTG  
ATTGGAGAAAAGTAATTGTTCCATTAAATTTTGGTATATGGCATTTCCTAAGCTAGGCAGCCACAATG  
TTCTTGACCCATCATGACATTGGGTAGCATTAACTGTAAGTTTGTGCTTCCAAATCACTTTTGTGTTTTTA  
AGAATTTCTTGATACTCTTATACCCGCTTCAATTTTAACTCTTATTCTATGTGTCAGGTGCACAGGA  
TTACCTTTTTTAGCCTTCTATCTTGTACACAGCCATTCTTCTTGGTGGCCGTGTACTTGGGAAAAGGGC  
CGCATGATCTTTCTGGCTCCACTCAATGTCTAAGGATACCCCTGCCTCCTTTGCTTGCATCCCATAACTA  
TTCCCTCATCTACTTACTGCAACAAATCTCTCCTTAGTTGATGAGATTGTGTTTATTTCCCTGTAAAC  
CCTACCTATCTGAATGGTCTTGTCAATTGTCAGCCTTTAAATCCTTCTTTCTGTCGTCTTTAAATA  
ATGATGGGCTAAG

>GBEQ1525 |Acc|BM781115|Ver|BM781115.1 GI:19129347|MLN1\_4\_D09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:112:Stop:608

ACCTGGTTCTGCTCACTGCGGGTGCCGGGTGCTGGTTCGTAAGGTTCTGAATCTGCAGAAGCGGCTCTG  
GGCCCTGGAGATGCAGTTCGCGGATGAAACGCGGCCACTGGGGACAGCCCGTCGTTCTTTTCGTTCCAG  
TCAGCGCACGCCCCACGCTGGCTGGGGGTGCACCGAGGCTGCAATTCCTGCAGGCCAGCTCACCGACG  
TCCGTGTGACAGGAGCAGCTGAAGCAACAGGTGGACAACCTTCACTCAGAGCCAGGCTCCAGGACC  
CAAAGGTCCTCCAGGAATCAAGGGAGAGGCAGGCACCCCGGACGCCAAGGAGAGAGGGAAGCAAAGGC  
GATGGGGTCTCACTGGGCCCCAAAGGGGAAACAGGAGCCAAAGGGAGAAAAGGAGGCTGTGCTCTCCAG  
GAAGCAAGGGGACAGGGGCTGAAAGGAGACACAGGGTTTATGGGACTCCCCGAGCCCCGGGGAGTAA  
AGGTGAC

>GBEQ1526 |Acc|BM781110|Ver|BM781110.1 GI:19129342|MLN1\_4\_D12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:660

GCACGAGGTTTTCCACACGTAAATTTCTGGATGGCAATGAAATGACCTTGGCGGACTGCAACCTGCTCCC  
CAAAGTGCACATTGTCAAGGTGGTGGCCAAAATACCGCAACTTTGATATTCCGAAAGGCATGACCGGC  
ATCTGGAGATCACTTAATAATGCTTACAGTCGGGACGAGTTCAACCAACACCTGTCCCAGCGATAAGGAGG  
TGGAAATAGCCTACAGTGTGGCCAAAAGACTCAACAGTAAATATCACCTACAAGACAGATACTT  
CAGCTCTTCCCTGACTAAGAATACATGCTTTTCTAACAGACTGCTCCTCTTCTGCTGGTAGAAATG  
TTACTTTGCATGAACATGCTGTTATTCCAGGTTAGGATAAGGGATAGACAGGTATAGTAGCTATCTTTAA  
ATATACGCTCCTAAGCAGTATTATTTTAAATTTCTTTTACCCCGCTACCTCCCCGCCCCAGGTTCTCC  
TCTCCTCTAATTTGGAGACACTCCATCACAACCTTCTCACTTGAAGAGGTAGTTTGCCATCTCTCCAGGC  
CCCCACCTATTGTTTCACTCCACTGCGTGAAGATGGCAGAACCTTCAAGGTGCAATGTTTAACTGCTAAAA  
TAGTAACAGGACTTCATCAGTCAGCCCC

>GBEQ1527 |Acc|BM781104|Ver|BM781104.1 GI:19129336|MLN1\_4\_F03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:93:Stop:610

CTATNTGAGAAAGATTTGTAAACACTTTTCACTGAGATATTTTAAAGAACAAAACAGATTAATTTGTAATT  
TTTTTAATGAGTGACTGTAGGTCTGCCCTGTCTGGAGGCTGTCTACACACTAAATGAAGGGGACTTTT  
CTTAGATAACTATCATTTTGCAGTTAACCCTAAAGAGAGCTTCTCTGTTTGCCTGTTTAGAGAGTC  
GTAATCTGGGGATATTACGATAATGTGCGCTCTGTTGAATGGCTCTCTCACTCTCATTTCCAGGGCACCT  
TGGACGTGGGGCTGATCGATTCACTGTGCGCTCTGACAGCCCCGACAGGTAAGCTCAGATGTGACTCTT  
AACAAAAGTGATCAGTTCCCCGTGTGCATCCATGGATCCCTATGCTTTTGGGCCACTTCTCTCTTCTCTG  
GGCTGTGGACGATTCTAGGCTGCGTGTTCACATGGTCAACCCAGCCATCCAGCGTCTTCTGTCTTGG  
TACCCAGTTGTACATCTTCTGGAGTCT

>GBEQ1528 |Acc|BM781099|Ver|BM781099.1 GI:19129331|MLN1\_4\_E10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:637

GGCAGGAGGGCTCTTTGGCATTTGGTGCTGTGGCAGAATTCTCTTTGTTATAGATTTGCAACAAGACT  
TTCCCAACAGACTGAAGCTTCAGCTTTAGCTGCAGCTGCCTCTGTTCAACCTCTTGCAACACAGTGTTTC  
CAACTCTTAACATGTTTAAACCTCAAACAGAGAAGTGGATGGGATAACAGAGATTAAAGGATGATG  
TGATTGAAGAATGTAATAACATGGAGGAGTTATTCATATTTATGTTGACAAAATTCAGCTCAGGGCAA  
TGTGTATGTGAAGTGCCCATCAATTGCTGCAGCTATTGCTGCTGTCATGCCTTGATGGCAGGTGGTTT  
GCTGGTAAATGATAACAGCAGCATATGTACCTCTTCAACTTATCACAACCTCTTCTGATCTATGA

CAGCAACACAACACTACTGGTTCCAAGTAGACGATGAAGGAAGATAATAGTCCCTTATGTATATAGCTTTTT  
TTCTTTCTTGAGAAATTCATCTTGAGTTATCTTTTATTTAGATAAAAAATAAAGAGGCCAAGGGTCTACTGTC  
ATTTGTATACTATTCTGTACCTTGAAAAATAAAAAATGTTAACAGGAATGCAGTGTGCTCATTCTCCC  
TAACTAG

>GBEQ1529 |Acc|BM781098|Ver|BM781098.1 GI:19129330|MLN1\_4\_E09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:650  
CGGAGCGGAGCGCCAGGTCAGCCATGTCATCCGAGCCGCTCCACCAGCACAGCCCCCACCACAGGC  
TTCGGTCCGGGCTGCTGGACACCCAACAGGCCGAGATCGTCCCCGTCCCCTCTTCGGGGCCATGTGGTC  
CCAGTCCGCTGCCACTCGCCGGACGAGGACCTTCTCCGCGACGGTGCGGGCTTCACAGGGCCCTGTCT  
ACAAAGGAGTCTGTAATGCTTCTGTCGATCCAAGGGCCACGGCTTCATCACCCCTGCTGACGGCGGGCC  
GGACATCTTCTGTCACATCTCAGACGTGGAAGGCGAGTACGTGCCGGTGGAAGGCGACGAGGTCACTAT  
AAGATGTGCTCCATCCGCCCCAAGAACGAGAAGCTGCAGGCCGTGGAGGTGGTCATCACCCACCTGGCGC  
CGGGCACCAGACGAGACCTGGTCCGGCCACGTGCTCAGCTCCTAGGAGGGGGCCGGAGCACCCCTCCTT  
CCGGCTTGC GGAGACTCTGGGGGGAGGAGGCGGCAGGACCACTGGAGAGGACTTTCACCCGCTTGAG  
ATGGGGCTTCAAAGGGGGGAGCACGGGCCCTTTCAGTCTCTCCTGCAAGAAGGGGTGTGGGGCAGGCAC  
GCGGGTGTCTCTC

>GBEQ1530 |Acc|BM781081|Ver|BM781081.1 GI:19129313|MLN1\_4\_H03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:50:Stop:535  
TCGTGAGGAGGGCTGATATTTAAAAAAAACCTGACTCTTTCCTCCCTCCCTCCACATAGGGTTGGCCATC  
CCAGTCTCTGAAAGTCCCGTAGTTATTGTTTCCCGTGTTTGGGACAGCGGAGACCCCAAGCCTCCTGCAG  
CCACTGTGTTTTGTAAGGCCAAGTATACCAAGGGGGAACCTTTGAAAACCAAGCAAAACAAAAATATAGG  
AAGGGCCCTGTTTTAAAGAATTAGGTTAAAAAATAGATCCAACAGTTTATACCTTAATTTTAGTGTTC  
ATCTCCCCCTAACAGTCTGGGAGACTCAAGACTCCACCCAGTCTCCACAGTCTGCAGTAGAAATGATGGC  
CCCTACACCGCTTGTCTGTCTCTCTATGGGCAAGGGTGTCTTCAGAGCTCTGGGACAGGCATTGTGCTT  
CACTGTGGCCTTATGAGGCAAGTGAAGATGTTTGAATTTTCTCTCTCTGTTAAGAGTCTTAATT

>GBEQ1531 |Acc|BM781077|Ver|BM781077.1 GI:19129309|MLN1\_4\_G10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:668  
GGCAGGAGTTGGCAGTGTGCCAGGCATTATCAGTTACGGGATGTAGGTGGAGAAGGCGTTCAGCAAGGC  
TTGTTAAAACTACTAGAAGGCACAATAGTCAATGTTCCAGAAAAGAAATCCCGCAAGCTACGTGGAGAGA  
CAGTACAAGTTGATACAACAAACATCCTGTTTGTGTCATCTGGTGCTTTAATGGTTTAGACAGAATCAT  
CAGCAGGAGGAAAAATGAAAAGTATCTTGGATTTGGAACACCGTCTAATCTGGGAAAAGGTAGAGGGCT  
GCAGCTGCTGCAGACCTTGCCAATAGAAGTGGAGAATCAAATACTACCAAGACATTGAAGAAAAAGATC  
GGTTATTGCGTCATGAGAAGCCAGAGATCTCATTGAATTTGGCATGATTCTGAGTTTGTGGGACGGCT  
GCTGTGGTAGTTTCTTTCATAGCCTAGATGAGAAAACACTTGTACAAATACTAAGTACGACCGTAAT  
GCTGTTATTCTCCTACAGGCCCTTATTCAGCATAGATAAGTGTGAATGTTACTGAGGATGCTT  
TGAAAGCTATAGCCAGGTTGGCACTAGAACGAAAAACAGGTGCACGAGGCCTCCGGTCCATTATGAAAA  
GCTGTTACTAGAACCAATGTTTGAAGTCCCTAATTCTG

>GBEQ1532 |Acc|BM781075|Ver|BM781075.1 GI:19129307|MLN1\_4\_H04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:583  
CACGAGGAAAAAGAGCAAAAGTCTGTGAAAGGAAGCGAAGTAGAAGCAAGAAAGGAGACGGAGCCGCTCA  
AGGAGTCGAGATCGCAGATTACAGAGGCGCTACAGAAGTCTTACAGACGACGATCCCGAAGCAAAAGTC  
CATTAGAAAAGACAAGAGCCCTGTGAGGGAACCTATTGATAATCTAACTCCTGAGGAAAGAGATGCAAG  
GACGGTTTTCTGCATGTCAGCTGGCTGCAAGAATTCGGCCAAAGGGATTTGGAAGAGTTTTCTCTACAGTA  
GGAAAGGTTTCGAGATGTGAGGATGATTTCTGATAGAAATTCAGACGTTCCAAAGGAATTGCATACGTGG  
AGTTTGTGTTGATGTAGCTCAGTGCCCTTAGCAATAGGATTAAGTGGCCAAACGTGTTTAGGAGTGCCAAT  
TATAGTACAGGCATCACAGGCGGAAAAAACAGAGCTGCAGCAATGGCAAACAATTTGCAAAAGGGAAGT  
GCTGGACCTATGAGGCTTTATGTGGGCTATTACACTTTAACAATACTGAAGATATGCTTCGGGGGATCT  
TTGAGCCCTTTGGAAGGGATG

>GBEQ1533 |Acc|BM781073|Ver|BM781073.1 GI:19129305|MLN1\_4\_H08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:122  
AGACTGGGTCAATTATGATTGAGCTACGAGGACCAAGTAATATACTGTTGGATTTGAGGTTGTAACCGT  
TTCTGTGGTGGGAGATCCTGGGCCCCATGGCTTTCAAAGGAAATCGAG

>GBEQ1534 |Acc|BM781064|Ver|BM781064.1 GI:19129296|MLN1\_3\_F07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:59:Stop:279  
CTGAGATGATTGAGACGCACGAGGATATCTATGTGGGCTCCATTGAGACTGACCGGGGGGTGCGGGAGCA  
GGTGGCTTTCTATGACACCCGGGGGCTCCGAGATGGGGCCGAGCTGCCCCGGCACTGCTTTTCTGCACT  
GATGGCTACGTCTTGGTCTACAGCACGACAGCCTGAGAGTCTTTCAGCGCGTGGAGCTGCTCAAGAAG

GAAATCGACAA

>GBEQ1535 |Acc|BM781051|Ver|BM781051.1 GI:19129283|MLN1\_3\_H10.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:658

GGCACGAGGAGGAGAACTCCGAAGGTGGACTTCATGTAGATTTAGCCCAGATTATTGAAGCCTGTGATGT  
ATGTCCTGAAGGAAGATGACAAAGATGTTGAAAGTGTGATGAACAGCGTGGTATCCCTCCTGTTGATCCTG  
GAACCAGATAAGCAAGAAGCTCTGATTGAAAGCCTGTGTGAAAAGCTGGTCAAGTTTCGGGAAGGTGAAC  
GCCCCCTCTCTGAGACTGCAATTGCTAAGCAACCTTTTCCATGGGATGGATAAGAATACTCCTGTGCGATA  
CACAGTCTACTGCAGCCTCATTAAAGTGGCAGCATCTGTGGGGCCATCCAGTATATTCCAACCTGAGCTG  
GATCAAGTTAGAAAATGGATTTCTGACTGGAACCTCACTACTGAAAAGAAACACACCCTTTTAAGGCTCC  
TTTATGAGGCGCTTGTGGATTGTAAGAAAAGTGTATGCCGCTTCAAAGTCATGGTGGAAATTGCTAGGAAG  
TTACACGGAGGACAATGCTTCCCAGGCTCGAGTTGATGCCCACAGGTGTATTGTACGAGCACTGAAAGAT  
CCAAATGCATTTCTTTTTGACCATCTTCTACTTTGAAACCTGTCAAGTTTTTGAAGGCGAGCTCATTC  
ATGATCTTTTAACCATTTTCGTGAGTGC

>GBEQ1536 |Acc|BM781050|Ver|BM781050.1 GI:19129282|MLN1\_3\_H08.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:664

GGCACGAGCTTTGAAGAAATAAAACAGCCACCGGGATAGAGGACAGTGAGTTGCGAAGAAGCTTGCAGT  
CTCTGGCCTGTGGCAAGGCACGAGTTCTGATTAAAGTCCCAAAGGAAAGGAGGTGGAAGATGGAGACAA  
ATTCAATTTTTAATGGAGAATTCAAGCACAAGTTGTTTCGAATAAAGATCAATCAAATTCAGATGAAGGAA  
ACAGTTGAAGAACAAGTCAGCACCCTGAGAGAGTGTTCAGGACCGGCAGTATCAGATTGACGCTGCCA  
TCGTCAGAAATTATGAAGATGAGGAAGACGCTTGGTGCATAACCTTCTAGTTTCTGAATTGTATAATCAGCT  
GAAATTTCCAGTAAAGCCTGGAGACTTGAAAAGAGAATTGAATCTCTTATAGACAGAGACTATATGGAG  
AGAGACAAAGACAATCCAAACCACTACCACTACGTGGCCTGAGGCTCAGCCGGCTGTGTGCTCAGTGAGAC  
GCGAGAATGTACCTTCCGAGCCGCGGAGCCCCGCTGCACTGCTTCCAGGACTTTCTGGACTGAGCAGCCT  
GGATGCTCTTGGATTAGGACAGGAGACGACTCCTGCACCCCGCTCTCGGGCTCCAGGATTTGCAAAGGC  
ACATGTATCTTTTTCTCCAGTTCTTCTCTCTG

>GBEQ1537 |Acc|BM781045|Ver|BM781045.1 GI:19129277|MLN1\_3\_A03.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:593

AGATGTCATGTTTACTTCCACATGAGTTTTAGGACGTGCTATCTTGTAAATCACTTCAACTCTATGTT  
CTGTTACAGTTCTGTAAGATTAACTGGATTTTCAAGAAATAAAAAAATAGCATGGAATGTTGAGTTTGC  
AACATTTTCAAGAGATTTCTTTTGAAGAAAAGTTTCTGCTCTTTTTATAGAAAATCATTTTAACTCTCT  
GAGGTCTCATACTAGCAAATTTCTAAAAATATAATTATTCTAATCACTGATTTAAGATATTAAGCAAAAT  
TTAAAGCACTTTAGTTTGAAGCTATAGTTATAAAGAGTTTGTAGAAAGTTTCAAATGATTTATCCATTGAA  
TGTGACTCGACCTTTTAAAGAAAGCCCTGCTACCTGAAAACAAATCCTTATGTATTTCTACACCTTTTGG  
TTTGATATTTCTAAATGGGTTCACTTCTTAGGTGGTATTTGAGAGCCAACAAATGCAAGTAAATGAGTAC  
TACCTCAAAAATGTACTTGGAAAACCTGGGAGTGGGAGTCTCACTCTTGCTAGTGAAAGCACTTTGACT  
TAACAGCTGGAACACAGAATTC

>GBEQ1538 |Acc|BM781043|Ver|BM781043.1 GI:19129275|MLN1\_3\_A09.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:665

GGCACGAGCTCATCTGCAAGAACATGAGTCACCTGTGGTTCTTCTCTTTCTGGTGGCCGCTCCTACATG  
TGTCCTGTCCCAGGTGCAACTGAAGGAGTCAGGACCTGGCCTGGTGAAGCCCTCGCAGACCCCTCTCCCTC  
ACCTGCACTGTCTCTGGATTAAGTTTGAAGCAGTAATACTGTAGGCTGGGTCCGCCAGGCTCCAGGAAAAG  
GAATGGAATATGTGGTAAATATACCTAGTAGTGGAGATGCAAACTACAACCCGGCCCTGAAGTCCCGAGC  
CAGCATCACCAGGACACCTCAAAGAGCCAAGTTTATCTGACGCTGAACAGCCTGACAAGCGAGGACACG  
GCCGTCTATTACTGTGAGGAGGCTCCGGTTTGAAGACTGGTTACTACGGTAAATGTATAACGCTGAAC  
CCATCTACTTGGGGCCAGGGCACCCTGGTCAACGCTCTCCTCAGCCTCCACCACCGCCCCGAAGGTCTTTCG  
GCTGGTCCCTCGGTGTGGGACCAATCTGACTCCACGGTGGCCTGGGCTGCCTTGTCTCCGGATACTTC  
CCCGAGCCAGTGAAGGTGTCTGGAACCTCGGGCTCCCTGACCAGTGGCGTGCACACCTTCCCTTCCGTCC  
TGCAGTCTCAGGTTCTACTCCCTCAGCAGCATG

>GBEQ1539 |Acc|BM781042|Ver|BM781042.1 GI:19129274|MLN1\_3\_A07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:650

ACGAGGAATGTCTTTGTTTACGCTGAGGCAACCCCAATGCTGAAAACCTTAAGTGATGCCACGACAAAA  
TTTGTCTCCGAGAAATAAAATTTACCGATAGAAAATACCACAGATTGTCTAAGCACCATTGGCTAGTGTAT  
CGCAGTTCATGCTTGAACACCGGAATACAGAAGCAGATTTACAAATGAAGAGACAGTGTCAATCTGCTT  
GAGGGTAATGGTGGTGTGATCAATACTCTATGACCATGTACATCCAGTGGGAGCATTGCCCCAAAGTTCA  
AAAATTGATATGAAAGTTGTATCAAAGTTCTTAAGGACCAACCTCCTAATAGTGTAGAGGTCTTCTCA  
ATGCTCTCAGGTACACGACAAAACATTTGAATGATGAGACTACCTCCAAGCAAATTAATCTATGCTGCA  
ATAACAGTTCTGGAACAAGCACCTGCTGTAGACAAAGACAGTATTCTGCAGTGACTGGGAATGCACAGTT

TTTAGTGATTGCAATTCCTCTCTCATTACTCTTGCTTTGTATTCTGTCTCTGTTCCCTCCCTCCTT  
TTTAAATCATGTTCTGTCTTAAAGACTTCTTTCTGTGCCAAAATCAGTAAAGTTATACTCTGAAGGGA  
CATTGTCTCTTTCAAACA  
>GBEQ1540 |Acc|BM781030|Ver|BM781030.1 GI:19129262|MLN1\_3\_B12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:29:Stop:657  
GGAAAAAACGCTATCTTAAGTGCTTTTTCTTTATTTACAAGACCTTTCTCCAGCTGTGGCATCTTTGA  
AATATTAGAGTGTTTCTGCCACAAAGCAAAGCTCCATTATAGCCGTCATTGAAGGTTATTTATTAACG  
TATGTAATGGTAGAGGATTACTAGTTAGAGAGTAGGATTTGACTTGGTCTGAGGCCGAGAACTCTCTCT  
CATGGTTTCTTAGTGGACATACCCGATGCTTTTAAAGAACTACAACCATTCATAAAGAAAGAGATGTTTT  
TGAAACTAGAGAAGATTTTAAACAAACGCTGCTGTCTTAAAGAAATCCTGTTTAAAGAAATTTTAAAGAG  
ATAGATTTTACTATATCAAAGAACATACATGTATTTGCCTAAACATTCATACCTTTGTAATGATAAAAC  
TTCTCCCTTTGTGGTGAAGCTTACTCCTATTAAAGCCTGTGTTGAGAATTTTTTTTTTTTGGTCTGATAAT  
GAATTTGTGAATCTATCTTTGGTATATCTTTTAAACTGCAGTGTGTTTGTAGTCAAGGTAAATAA  
GTAAATTATGTGTTTGAATACTTGGCGTGTCTTGAGTGTTGTGACATGAAAAGCATTGTGGTCTTTCTA  
>GBEQ1541 |Acc|BM781029|Ver|BM781029.1 GI:19129261|MLN1\_3\_B11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:82:Stop:645  
CACAGACAACATGAGCATCGTGGGGCTCACCATCGACTACGGGCCCTTCGGCTTCCTGGACAGGTACGAT  
CCCGACACGCTGTGCAATGCTCTGACAACGCGGGCGCTACACGTACAGCAAACAGCCTGAGGTGTGCA  
AATGGAACCTGCAGAAGCTGGCCGAGGCCCTGGAGCCCGAGCTGCCCGAGAGCTGGGTGAGGCCATCCT  
GGCCGAAGAGTTTGCAGCCGAGTTCCACAGGCACTATCTGCAGAAGATGCGCAGGAAGCTGGGCCCTGGTG  
CAGGCCGAGCAGGAGGAGGATGCAGTGCTGGTGCCAAAGCTGCTGGAGACCATGCACCTGACCGGTGCTG  
ACTTCACCAACACCTTCTACTTGCTGAGCTCCTTCCAGCTGGGCCAGAGTCTCTGGGCCCTGACCGAGTT  
CCTGGCTGCGCTGACCACACAGTGTGCCTCCCTGGAGGAAGTGAAGTCTCGCTTCCGACCCAGATGGAT  
CCCCGGCAGCTCTCGATGATGTTGATGCTGGCACAGTCAACCCGAGCTCTTCGGCTCATTTGGTACCC  
GGGC  
>GBEQ1542 |Acc|BM781028|Ver|BM781028.1 GI:19129260|MLN1\_3\_B10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:655  
GCACGAGCTAATTAATAATCATCAATCACTCTTTTATTGACCTACCAGCCCCCTCAAACATTTTCATCATGA  
TGAAACTTCGGCTCCCTCCTAGGAATCTGCCTAATCCTCCAAATCTTAACAGGCCATTCTCTAGCCATAC  
ACTACACATCAGACACGACAACCTGCTCTCATCCGTCACATCTGCCGAGACGTTAACTACGGATG  
AATTATTCGCTACCTCCATGCCAAGGAGCATCAATATTTTTTATCTGCCCTTTCATTACGTCAGGACGC  
GGCCTCTACTACGGCTCTTACACATTCCTAGAGACATGAAACATTGGAATCATCCTACTTTTCACAGTCA  
TAGCTACAGCATTATGAGGCTATGTCTTACCATGAGGCCAAATATCCTTTTGAGGAGCAACAGTCTCAC  
GAACCTCCTATCAGCAATTCCTTACATCGGTACTACCTCGTGGAGTGAATCTGAGGTGGATTCTCAGTA  
GACAAAGCCACCCCTTACCCGATTTTTTGCTTTCCACTTCATCCTACCTTTCATCATCAGCCCTGGTAG  
TCGTACATTTACTATTTCTTACGAAACAGGATCTAATAACCCCTCAGGAATCCCATCCGATATGGACAA  
AATCCCATTCCACCATATTATAC  
>GBEQ1543 |Acc|BM781027|Ver|BM781027.1 GI:19129259|MLN1\_3\_B09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:630  
GGACCCAAGGGAACCCAGGAGGCAAGCCACACAGATGCTAAACTGCAGGATCTGGTGATCCCTGGGCT  
CCAGAGAATCTAACACTTCACAACCTGAGTGAATCCAGTTAGAACTGAGATGGAGCAGCAGATACTCGG  
ACCATTGTTTGGAGCACCTGGTGCACTACCGGAGTGACCGGGACCGCAGCTGGACTGAACAATCAGTGGG  
CCACAGACCTAGCTTCTCTCTGCTAGCGTGGATGCACAGAACTCTACACGTTCCGTGTTCCGAGCCGC  
TATAACCCACTCTGTGGAAGTGCTCAGCATTGGAGTGAATGGAGCCACCCGGTCCACTGGGGCAGCAGTA  
CTTCAAAGGAGAGTCTTCTATTGTTTGGCTTGAAGCTGTGCTTATCCCGTCCGGTCCATGGGATTGAT  
TATTGGCTCATCTGTGTGACTGCTTGCTTGAGCGGATGATGCCCCGAATTCCTACCCTCAAGAACCTA  
GAGGATCTGGTTACTGAATACCATGGGAATTTTCGGCTTGGAGTGGTGTGTCTAAGGGATTGGCGGANA  
GTCTGCGGCCAGACTACAGTGAACGGCTCTGCCACGTCAGTGAAATTCCCCCAAAAGGAGGGGCTCTA  
>GBEQ1544 |Acc|BM781023|Ver|BM781023.1 GI:19129255|MLN1\_3\_C08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:643  
GCACGAGATCAAGGACAAGCCGGAGTGATGGGTCTTCCAGGCCCTCCGGGCGCGGAGGATCCCCAGGTG  
CCAAGGGTGAGCTTGGCAGCGCTGGCCCCCTGGGCTCACAGGACCACAGGGATAGTCGGAAGTCCAGG  
AGCCCCAGGCATGAAAGGAAGCAAGGGAGACACAGGACTTCAAGGACAGAAAGAACAAAAGGAGAATCA  
GGAGTTCCAGGAACCGCAGGCGTGAAGGGAGAAAAGGAAAGCACAGGCTGGCAGGCCCAAGGGTGGCC  
CTGGACCAGGTGGCCAAAAGGGAGACCAAGGAGCGAAAGGATCTTCTGGGGTACCAGGAGTAAAGGGAGA  
AAAAGGTCAAAAAGGTGACTCCATGTTAGCGGTGAGGATCATTTGGCTCTAGCAACCGAGGCCGGGCTGAA  
GTTTTCTATAACGGTTCTTGGGGAACAATCTGTGATGACGGCTGGGATAATTCCGATGCCACTGTCTTCT

GCCGCATGCTGGGTTACTCTACTGGAACGGCCATTACCAGTTTGGAGGTGGCACTGGGGAGATCTGGCT  
GGACGATGTTGCCCTGCCGAGGGTCAGAGCACACCCCTGTGGAGCTGCAACAAGAGCAGCTGGGGCTCTCAC  
AACTGCAACCAC

>GBEQ1545 |Acc|BM781021|Ver|BM781021.1 GI:19129253|MLN1\_3\_C06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:20:Stop:654  
TTCTTCTCTTTCTGGTGGCCGCTCCTACATGTGTCTGTCCAGGTTGAAGTGAAGGAGTCAGGGCCTG  
GCCAGGTGAAGCCCTCGGAGACCCTCTCCCTCACCTGTACTGTCTCTGAATATTCGCTGAATAGTTATGG  
TGTGGGCTGGGTCCGCCAGGCTCCAGGAAAAGGCCTGGAATTTGTTGGAGCAATTCGAGATAGTGGACGT  
GTAAATTATAATCCAGCCCTGAAGTCCCGAGCCACGATCACCAGGGACACTTCAAATGGCAAGTTTATC  
TGGCGCTAGACAGCGTGAAGGAGGACACGGCCGCTCTATTATTGTGTAGGAGAACACCCGATATTCTA  
TGACGGTGATTATTTGAAGGAATACTGGGGCCAGGGCACTCTGGTCATCGTCTCCTCAGAGAGCCCTAAG  
GCCCCAGACGTCTTCCCGCTGAGCATCTGTGGGAACACACCTGACCCCAAGGTGCCCGTGGGCTGCCTGG  
TCTCCAACCTACTTCCCGAGCCAGTGACTGTGTCTGGAACGTGATGCCCTGAAAGGCGACATACACAC  
CTTCCGTTGGACCTGAGCAACTCGGCTCACCACTCCCTCAGCAGCATGATGGCTGTGCCTAGGAGCAGC  
TTGAA

>GBEQ1546 |Acc|BM781019|Ver|BM781019.1 GI:19129251|MLN1\_3\_C04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:80:Stop:592  
CCATGGTTGAGCGAATCAAAGGCACCTAAACTGTCTCATGTCCGCTTGTCTTGGTGTGGGGAGAAC  
CTTAGAGTCCCAGGTCAAAGTCGTGGCCCTGTGCGCTGGTTCTGGGAGCAGAGTCCGACGGGGCGGAG  
GCCGACCTTTACCTCACAGGTGAGATGTCCCATCACGATATTCTGGATGCTGCTTCCAGGGAATAAATG  
TCATCCTCTGTGAACACAGCAACACTGAACGAGGCTTTCTTCTGATCTTCGAGATATGCTGGGTGCTCA  
CTTGGAGAAGAAGATTAATATTATCCTGTGAGAGACAGACAGGACCCCTCTTATGTTGGTATAATGCATA  
CAGGAACAACAGGATGACACAGTCCGCANATTGATTGGCACCCAGCTCGAATGCATAATATGAATCAGTG  
GAGTTGGTTTTGGTGTCTTCGGAAGAATGTCTTAGAATGTACATTATCACGGCCGCCCCATGGCCGAGT  
GGTCAAGTTTGCACGTTCTGCTT

>GBEQ1547 |Acc|BM781018|Ver|BM781018.1 GI:19129250|MLN1\_3\_C11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:64:Stop:671  
AATTACTGAGAAAAAACAGTAAAGCTTTTCGATTAATTAATAATTTACATGAGTAATACCGTAATTGTAG  
AAACTAATGCTTTAAAGAGAGAAACAAAGACATTTTGTGCCCTTGACAAATTAATCATGTGGTGGGAAGA  
ATGTTTCTTAATTAAGCACTTTACTAGTGAGAAAGATCTCACAAATTACTTTATACCAATCAGGTACTGT  
ATTTCCACTTATTAATAACACAACCTTCTGTTTATAAACTATAGTTTCCAGTGGAGAAATGCTGTGCCAGG  
AGAATTAAGCTTTTGAAGTCTTTAGCAGCTTCCAACATGTAATGTATACCTGGTAGTAAGGTTCTTTGCA  
TATTTTGTGTTGTGTATTACTCTGACTCTTTAGAGATTATAGAATTCCTTCAAAGTTAGAGAAAAAGAG  
AGATTAAGTTGAGTCTTACTAGTAATTTGTCTTTGGGCAAATATGTACTAACTCCTGATTTTGTGTA  
ATTTTATAACATAGGTTGAATTGTAGAGTGGGGTTTTTATAAGTTATGGAGGATAAAATGGGTGGGGAGG  
AAATGGCACAGCTCTGAAGGAAGACGAGTGGTGGTCTCTAGCACTC

>GBEQ1548 |Acc|BM781017|Ver|BM781017.1 GI:19129249|MLN1\_3\_D06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:658  
GTCACCTGTGGTCTTCTCTTTCTGGTGGCCGCTCCTACATGTGTCTGTCCAGGTGCAACTGAAGGA  
GTCAGGACCTGGCCTGGTGAAGCCCTCGCAGACCCCTCTCCCTCACCTGCACTGTCTCTGGATTAACTTTG  
AGCAGTAATCCTGTAGGCTGGGTCCGCCAGGCTCCAGGAAAAGGGCTGGAATATGTTGGTGGTATAGATA  
GTAGTTGGAAGTGACACTACAACCCAGCCCTGAAGTCCCGAGCCAGCATCACCAGGACACCTCAAAGAG  
CCAAGTTTATCTGACGCTGAACAGCCTGACAAGCGAGGACACGGCCGCTCTATTACTGTGCTGCAGGAGCC  
CTGGACTACCACTACTTTTTTTTACGTGGGAATTCGTACTACTGGGGCCAGGGCATCCTGGTCAACGCTCT  
CCTCAGCCTCCACCACCGCCCCGAAGGTCTTCGCGCTGGCCCCCGGCTGTGGGACCACATCTGACTCCAC  
GGTGGCCCTGGGCTGCCTTGTCTCCGGATACTTCCCCGAGCCAGTGAAGGTGTCTTGGAACTCGGGCTCC  
CTGACCAGTGGCGTGACACCTTCCCTTCCGCTCTGCACTCCTCAGGGTTCTACTCCCTCAGCAGCATGG  
TGACCGTGCCTGCCAGCACC

>GBEQ1549 |Acc|BM781016|Ver|BM781016.1 GI:19129248|MLN1\_3\_D05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:32:Stop:671  
GTGTGTGCCCCAAAAGGAACAGAGGCTAGAACTGTCACTGGGGTCTTACAGAGAGGCAGGTCCCCTGGT  
CCTGGGGAACTCAGCTCTCCAGAAAGCAAGAGAAGCCACGTGGAGACTTGACCTTGCATCTTCTCTAT  
CCACACCATGACAAAGGGTACCCATCCCTGGTGTCTGATCAGTACAGGACATCAGCAATGTTGACTCAT  
GATGCGATCAGGCAACATTTTCAAGAACCCTGTGTGTGTGTGTGTGTGTGTGCTTGTGCTGTTTGTGGAA  
AGACAGACACTCTCTCAAGAAGTACACGAGGACCATTTCTCCAACAACCCGTCCAGATGGTCACACGC  
TGAGGCCATTAGAGAGAATTTTGAACAAAAGAAGCCTGAGAAGATGACCCAAAAGCGGTGGCCTGGCAG  
AAGGTCCTGGTTGCAAATGGTCCCCTGCATTGACCTTTTAAACCAATCCCTAAAGAGATCTTTGGTA



CGCAGCTCCTGTCTTTTTAAGGGAACCTCAGTGACACTAAACATTAACCTTCCTTATTAGCCCCGAATCAG  
GAGATCCTTTTGGCCTGCCAGTACCCAGACCACATGTGCAGAGATTGGATGGCCTCCGTCCTTCTATAGA  
GGGCAAGGCA

>GBEQ1550 |Acc|BM781010|Ver|BM781010.1 GI:19129242|MLN1\_3\_D12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:656  
GCTCATCTGCAAGAACATGAATCACCTGTGGTTGTTCCCTTTCTGGTGGCCGCTCCTACATGTGTCTCTG  
TCCCAGGTGCAACTGAAGGAGTCAGGGCCTGGCCTGGTGCAGCCCTCGCAGACCCTCTCCCTCACCTGTG  
ATGTCTCTGGATTCAATTTGTGGGAGGAGGCTGTAGGCTGGGTCCGCCAGGCTCCAGGGAAGGGTTTAC  
TGTGATTGGAGGGATATGGGAGGACAATGTGGTGAACATAATCCAGCCCTGAAGTCCCGAGCCAGCATC  
ACCAAGGACGCCCTCAAAGAGCCAAGTGTATCTGACGCTGAACAGCCTGGCAGAAGAGGACACGGCCGCTC  
ATTACTGTGCCAAATTCAAAGGCACAGATGTCTATAGTTTCGGTAACACTACTGGTCGCTGTATGGCTCCGT  
GGATCACTGGGGCCAGGGCACCCTGGTCACCGTCTCCTCAGCCTCCACCACCGCCCCGAAGGTCTTCGCG  
CTGGCCCCCGGTGTGTGGGACCACATCTGACTCCAGGTGGCCCTGGGCTGCCTTGTCTCCGGATACTTCC  
CCGAGCCAGTGAAGGTGTCTTGAACCTCGGGCTCCCTGACCAGTGGCGTGCACACCTTCCCTTCCGTCCT  
GCAGTCCTCAGGGTCTCTAC

>GBEQ1551 |Acc|BM780999|Ver|BM780999.1 GI:19129231|MLN1\_2\_B02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:66:Stop:658  
CAGTGCCCTCCCTGGGGAGCTCTGACAGGCAGGCCCATTAATTTGAGTTGCTTACCTACTGTAGTTATTT  
CTGTTAAGGATTACTTCTTAGGTACCTGAACGGCCTCCAACATCTGACCCTTGCCACTGTACACGTGATC  
TGTGATGGTGAGAAAAGAGCAGCTGTGTTACAGTGAACGTTGATGAAAGTGTGTCTAGGTTAGGCTGT  
TTCAGTAGACGTTGGAGTTATTTGTTGGCAATAACCACACTTTTAGTTATTTGTTAGCATTAAAGCGAAA  
TTGTTTTCCAACTGTTTTCTATTCTATGATGAGGCCGAGCAACTCTGTCCAACAGATTTTAGTTTTGCTT  
GGAAACCGCAAGTAGTCCAGAAATATTTAGAGGAATTGATATTGATGGCAAAGAAAATTTGCAGCTA  
TACATTTGCTTGTACAGTTTCTTCTCTAAAACCTTATTTTGGTGATCTAAATAAAGCATTTCTCTGT  
CTTGTTTTGAGATTTTACAGCTGTACTTGTGTGTAATGTTATGGTTCCCTTCTGTAAACCTTATTTNT  
GGTGATCTAAATAAAGAAATTGCCCATCTCGTTG

>GBEQ1552 |Acc|BM780993|Ver|BM780993.1 GI:19129225|MLN1\_2\_B04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:53:Stop:598  
GGCAGCCAGACCAACCTCGATCTGCGCGCTACATCCTGAAGGATTATGTCAATGGTAAACTTCTGTACTG  
TCATCCTCCTCCTGGAAGAGATCCAGTGACCTTTTCAGCATCAACACCAGCGATTCTAGAGAACAGATG  
AATGGTGGTGAAGTCAAAGTGCAGCCAGGTGGAATAGAAAAGCAAAACAGATTGAAAATGTAGTTGACA  
AAACTTTTTTCCATCAGGAAAACGTGAGAGCTTAGACCAAGGAGTCCAGGCTGTGATGGGCTACAAGCC  
TGGCAGTGGCCTGGTCACTGCAACTACCGTGAGCTCTGAGAGCGGGGCTGGGAAGCCCTGGAAAAACAT  
GGTAACAGAAATAAAAAAGAGAAAAGTCTGAGACTCTACAAGCACTGGATATGTGAACCTTGGGCTGCAG  
CAGAAATGGCATCTGCCTTGTGCATCCAGACAAGAACAGAAGCTGCTCGTTGCCTGTGGTGTGTAGAGT  
GGACCCCTGCCCTTGAGGCACCCAGCCACTCCAGCAGTCAATCAAAACCGAGGG

>GBEQ1553 |Acc|BM780975|Ver|BM780975.1 GI:19129207|MLN1\_2\_D09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:609  
CCACCTGGGCATCCAGGAGAAGTACCTGGCACCCTCAGATCAGTCAGTGGAGCAGGAAGCCATGCAGCT  
GTAGCAACAAGCTGGGTTGTGGAAAACAAGACACATAACCCAGCACTGGGGAAAGTGGCAGCTCCCAGCG  
AGCAGCAGACAGCTCAGCATGCTGCAGATCCGAGAGCACTCAGCCTTGACAGAGGACTTCTGGCCAAAAGC  
CAGACATGGCCAGAGCAGAGTGGCCTCTACACCCCTCAGTGTCTCATGAGCTCTGGGCACTGCTGCCAGGA  
ATTCAGCACTGGCCCTGCTTGGGCTCTGATGGAATGTGTACAATAACAAGAGTTTATTTTCTACTTTTTG  
TGGCTTCCAACTTTCTTCAACCATCCACGCCCAGAGAGTTGGGGCAGAACAAAGGAAATGTGACCTTCCC  
TCAGAAGAACTCTATTTCTTTCATACAGGGCAGTGTTCCTCANAGCACAAGATCATACTAGAGGACTGA  
CAGACTCTCAGTCTCCAGTCACTGTGCTTTTGTGATCTTCACTTTTAAACAGTGAGCTTCAAGCCTGAGCT  
TTCACAGGCAATCCTTCTAGCTAGATCTTAATGTTCTG

>GBEQ1554 |Acc|BM780973|Ver|BM780973.1 GI:19129205|MLN1\_2\_E09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:650  
GCAGACATCATTTTACTTTGGATATATGGCGGTATTTAGCACAGCCTTGGGGATAATGTGTGGGCAATT  
GGTTACATGGGAACAAGTGCCTTTGTCCGAAAAATCTATACTAATGTGAAAATFGACTAGAGACCCAAGA  
AAACCTGGAACTTCGGATCAACTTCTCTTTCATAGGGGTGGAACCTTGACATCAAACAAAGCGCAAGAG  
AGATTTGGGCTTTTAACTGGGTACTTTGTGGGTCTCTCTTTCGTGGATGACTTAGAGTAACATCTGTTT  
CCATTGATCCTAGGACTTCTGACTGCTTTCTTCCAACTGTTTCACAGCAAATGCTTGGATTTTATGCACT  
AGGCATTACTACAGTACATGGCTAATCTTCCAAAACTAGCTCATTAAGATGAAATAGACCAGCTCTC  
TTCAGTGAAGAGGACGAATAGTTTATTTAAAGCATTTGTTCTAATAAAATAAATAGAGGGAACTTGGAT  
GCTAAAATTACATGAATAGAAATCTTCTGGCACTTAGTGTTTCTACGTTATTGAAAAATGATGTTCCAG

AAAGATTACATTTTTCTCTTATTTTTACTGCCATCATCACCTATTGTGGGACATTTTTATATATTGAATC  
TGGGATCTTTTTT

>GBEQ1555 |Acc|BM780972|Ver|BM780972.1 GI:19129204|MLN1\_2\_E08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:25:Stop:565  
ATATTTCTACAACGACACTGTGACATTCAAGTGTGATCATGGATTACTTTGAAGGGCAGCAGTCAGATT  
CGTTGCAAAGCCATAACACCTGGGATCCTGAAATACCAGTTTGTGAAAAAGAAGCACCGTGTGAGCCGG  
TGAGACACCAAGAGCTTCCACTTGATTGCGACGTGGTACAAGTTAATACATCCTGCAAAGATGGGTACCA  
GTTGACTGGACATGCTTATCGGAAGTGTCAATATGCTGAGAATGGGGTTTGGTTCCAAAAGATTCCACTT  
TGTAAGTTTATTCAGTGTCAACCTCCGCCAGTGATTGACAAATGGGATGCTCACATGTGTGATGGCAGCAG  
ACTTTCTATATGGAAATGAAGTCTCTTACGCATGTGACCAAGGATCTATCTTCTGGGACAGAAAAGCAT  
ACGATGCATAAGTGATTCTAAAGGACATGGATCTTGGAGTGGACCTCCCCACAGTGCTTAGAATCTTCT  
CCTGTGACTCACTGCCTAACCAGAAGTCATACATGGATACAAAGCTACAT

>GBEQ1556 |Acc|BM780967|Ver|BM780967.1 GI:19129199|MLN1\_2\_E02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:471  
GGCAGGAGGGATTCTCTAACCAAGGACATGTTGATAGAATTGGTCTAGGCTTGTACCACAAAATTAGT  
TTGCATCTTGGTTATTAAACAGTATCTGGGACTGGTTTGGGCAGAATATTACAGCGTTTCAACTTATTTT  
GTTGCCAATTATGTTTACCAAGTATAATGTTGCTGTTTAGCAATATGCTTGGTTTTAAAGAAATTGTCC  
TGAACCTTGGGAAAAAAGTGTCTCTTAATTTTACTTCCCTTAAGCCTAAATGCCTGGACATAGCTATTG  
TGACACCTTTAAATAAATCTGTTTTGAATGTTTTTTAGGCCACAACAATAATGTTTTAAAGTTATCCC  
CTTGCTACTTTTACTGATACCTTTATCATTCCTGGGACAGTCTGCTGATTTTAAACATGTAGCATTCAT  
TTGATTTTATTTTCTCCCTTGCCAAAAAGATTTCTAGTACTGCTTGAAC

>GBEQ1557 |Acc|BM780965|Ver|BM780965.1 GI:19129197|MLN1\_2\_F03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:14:Stop:138  
CCCTGCAGCCAGCAAGAGTGACCCGCTGGGGAGGGATGATCTCGACCCACATGCTGTACTCCAGGCGGT  
AATCGAGCGCTCCCTGGTGGAGAGTGGCTGCTCCTCTATCGTCAACTAGCTG

>GBEQ1558 |Acc|BM780964|Ver|BM780964.1 GI:19129196|MLN1\_2\_F01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:49:Stop:647  
AGAGAGTATCCTTGGGGCCAAAGTATCTTCTTCAAAGCACTGCTACTCACTGGAGACTTCTCCGAGGCT  
GGGAAGAAAGACCGCCATGTGTGGGTGAGCAAGGAGGAGCTGGGTGACTATTTGAAACCAAAATACCTGG  
CCCAGTTAGGAGATTTCTCTTGGACCTCTGATGGACTGAGCTGCCTGTGGACAACGCTCGGACAGGTCT  
GCAACTGGGGCTCAAGGACGTTTTGTGGTTCCCCATCTTTGTAGGGAGTATCAAGCAGCAGACTACAT  
TCTGAGAAATAAACGGGTTTGTCTTGTGATTCTCGGCTGATCGGCCCTTCGAGGACCACTGACTTCTC  
TGGTGGGGAGAGAGCCGCTCTCTCAGGGGGTCTTTCCCTTTCTTCCCAAGCTGATAATTGAGTATTGCAT  
TACTTTATAGTGAATCAGCTGATTTCTGGGTCCAGGAAGAAAAACAGAGAAGATCAGTCAAGCTTCT  
AAAAGCCTGGAGTTTTGTGAGAGCTTCTATCCCTGTGGGGAAGAAATAGTTTTGTGTAGTTTCTTAGCCG  
TTTTCTGTTTTCTTTCCCTCCCTTCTTCTATCATATGA

>GBEQ1559 |Acc|BM780959|Ver|BM780959.1 GI:19129191|MLN1\_2\_G09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:592  
AAGAAAGACCTACATATGGAAGGGTGATCAGTTATGAAGAAGGAAAGCATTAGCGGAATCTTGAATG  
CAGCTTTTTTGGAAATCTTCTGCTAAAGAAATCAGACTGCTGTTGATGTTTTTAGAAGGATAATTTTGGGA  
GGCAGAGAAATTGATGGGGCTGCTTCCCAAGGGAAGTCTTCTGCTCAGTGATGTAGCTCTGCAGAGCC  
TGTCCACTGAAGGAGCAGGCTGCCCCGGCTCTTCCCGGTAGACTCGGCTGCATTTCTTCTGTTAAACC  
TGAAAGATTTTCAATTTGGGTGAGAGCGCTTTCCCGCGCTCCCTCCAAACCCCTTCAGATTATGTTAAACTC  
TGACTCTGTCCAAATGAGTTCACTTCCATTTTCAAATTTTAAAGCAATCATATTTTCAATTTATATATTGT  
ATTTCTTAATAATATATGACCAAGAATTTTATTGGCATTATTTTTCAGTGTAGTTTGTGTTTAAAT  
AATGTAATCATCAAAATGATACATATTGTTACTACTATTAACTAGGCTTGGATATATCAGTGTATTAT  
TCATTGTGTTCAATGTATCTCGTGC

>GBEQ1560 |Acc|BM780957|Ver|BM780957.1 GI:19129189|MLN1\_2\_G05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:137:Stop:277  
CAACTTCCGCCAGTTGTGCTTAAAGATGTGCGGACTGAATATGAAGTTAAAGATCAAGCAGCTAAAGGG  
GATGAAGTGACTCGAAAACGATTCCATGCATTTGTACTCTTTCTGGGAGAACTTTATCTTAACCTGGAGA  
T

>GBEQ1561 |Acc|BM780948|Ver|BM780948.1 GI:19129180|MLN1\_2\_H11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:190:Stop:594  
TCTGAAACAGGAGTGGTTCGCTGCTGTGTTGGGCAATGCAACAATGCCATCCCCGTGGACACCGTGCTC  
ACCATGAGGAAGCTCCCATCACTTATAGCAACAGGAAGGAAAAACAAGGGTGGGTACCTCTGCCACTCCT  
GTGTGGAGCAGCGCATCGGGCCCCCTGGTCTTCTTGACCGCCTCCCGGAGCATGTGCGCTCGATGGAACG



CACCGTCTAGGACCTCGTGCTGCCAGACACGAAGACCTGCTTTTCTTGTCTTCTGAGAGCCGAGAGGC  
ACATCCTCCACGGCACAGAATGCCCTTGTGTGGACCACTTACTTGAACAAAGCCAGTGTGCGGTGGTGTTC  
TCACTGACCTGAGACTCTGAATTCACCTCTCAGAGCGTTTTTGGAGGAAGACGAAGC  
>GBEQ1562 |Acc|BM780934|Ver|BM780934.1 GI:19129166|MLN1\_1\_B04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:14:Stop:423  
TTTCATTTTGTATTCTGTCACTCACTGAAGTGGCTAAAGAGCTTTGCGATATACAGGTTACATCCTACC  
CCTTTGCACTTGTGGCAACAGATAAGTTTGCAGTTGGCTAAGAGGAGTTTCTAAGAGATTTTGTACATT  
CTAATGCATGTATTCCGGTTAGGGGAATGGAGAGAATGCTCAGAAAGGAATATATTTATGCTGGACTCT  
GGACCATATACCATCTCCAGCTGTTTACATGCACCTTTCTTTAGCATGCTACAGTTATTAATCTGGACGT  
TTGAGGAATTGGCCGCTGTCACTGCTTGTGTTTGTGCAATTTATTTTTTTTTTAAGCATATTGGTGTCTAG  
AAAAGGCAGCTAGAGGGAGTGAATCTGTATTGNGGTACAGGAATGAACCTTCCACAACAT  
>GBEQ1563 |Acc|BM780926|Ver|BM780926.1 GI:19129158|MLN1\_1\_C03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:18:Stop:506  
TACGTCCCCTCTCACCTTCATCATATGCTCTTTGAAGTGTCAAGAATGCAATGAGGGCAACAGTTGAAC  
ACCAGGAAAATTGGCCTTCCCTGACACCAATTGAGGTGATGTTGTCTTGGGAAACGAAGATCTTACAAT  
TAAGATTTTCAACAGAGGAGGTGGTGTTCCTGAGGATCAATGACCGCCTCTTTAGTTACACATACTCC  
ACGGCACCAACGCCCTGTGATGGATAATTCCCGGAATGCTCCTTTGGCTGGTTTTGGTTATGGCTTGCCAA  
TTTCTCGTCTCTATGCCAAGTACTTTCAAGGAGATCTGAATCTCTACTCTTTGTGCGGATATGGAACAGA  
TGCTATCATCTCTTAGAGGCTTTGTCTTCTGAGTCTGTGGAAAACTCCAGTCTTTAACAATCAGCC  
TTCANACATTATCAGATGAGTAGTGAGGCTGACGACTGGTGTGTCCCAAGCAAGGAACCAAGGAACCTG  
>GBEQ1564 |Acc|BM780925|Ver|BM780925.1 GI:19129157|MLN1\_1\_C10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:398  
TGAACCTGGAGGTACCGAAGTGGAAACCCAGTTTGCAGATGGGGTGTACCTGGTGTGCTCATGGGGCT  
CCTGGAGGGCTATTTCTGCCCCCTGCACAGCTTCTTCTGACCCCGACAGCTTTGAACAGAAGGTCTCTG  
AATGTCTCCTTTGCCTTTGAGCTCATGCAGATGGAGGGTTGGAAAAGCCAAAACACGGCCAGAAGACA  
TCGTCAACTGCGACCTGAAATCCACACTGCGAGTGTCTACAAATCTCTTACCAAGTACCGGAACGTGGA  
GTGAGGGGCGAGGGGACTCTCTCCCAACCGCTCCGCCCCGCTTCTCTGCTGCTGCTGCTGCTGCTGCTG  
CCCCGAAGTCCAGCTACAGCCCGGAGATCGCGGGAAGTGC  
>GBEQ1565 |Acc|BM780923|Ver|BM780923.1 GI:19129155|MLN1\_1\_C07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:75:Stop:485  
TCGGCACAAACTACCCAAAGGATATGTTTGAACCCCATGGCTGGTCCGAGGACTCCTACTATGAGGCATT  
AGCCAAAGCCAGAGATTGAAATGGACAACTGGAAAAGGCCAAAAGGAGCGAACCAAAATTGAGTTT  
GTGACGGGCACCAAGAAAGGCACCAACCAACGCCACAGCCACCACCACCACCGCCAGCACAGCTG  
TTGCAGATGCCCAAAAGAGAAAGAGCAAATGGGACTCGGCCATCCCGGTGACAACGATAGCTCAGCCAC  
CATTTCTTACCACCGGCAACCTTGCCAGCTGTGTCACAGTGACCACAGTGCCAGTGGCTCCAAGACC  
ACTGNTATCTCTGCTGTGGGCACCATTTGTGAAGAAGGCCAAGCAGTGACCTAAGAGACTGG  
>GBEQ1566 |Acc|BM780916|Ver|BM780916.1 GI:19129148|MLN1\_1\_D02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:40:Stop:442  
GCTGGTGGCAAGGTTAAGAAGGCTAACGTCAAGGCAAGAAGGCTAATGTCAAGGCTAAGAAGGCTAACG  
TCAAGGCCAAGACGCCCTAAGAAGGGAAAGCCCCACTGCAGCCGAAACCTGTCTAGTCAGAGGAATTGG  
CAGATATTTCCCGATCCGCCATGTATTCCAGGAAGGCCATGTACAAGAGGAAGTACTCAGCGGCTAAATCC  
AGGATCGAAAGGAAAAAGAGGAAGGTCCTTGCTACTGTACAAAACAGTTGGTGGTGACAAGAACG  
GTGGTACCCCGAGTGGTTAACTTTCGCAAAATGCCTAGATATTATCCTACTGAAGATGTGCCTCGAAAGCT  
TTTGAGTCACGGCAAANAACCCTTCAGTCAGCATGTGAGGAAACTGCGAGCCA  
>GBEQ1567 |Acc|BM780906|Ver|BM780906.1 GI:19129138|MLN1\_1\_E06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:55:Stop:496  
GATTAAAAAAGAAGATGATATCTTAGAACCCGAAAGAAATCAATTAAGATAGGATAAATCAGTACGTCAGTG  
GTGGAGCTTTTGCCTGTAGCTTGAGAGGGGAAAGGTGGGAGGGAAAGGAGAAAACGAAAGCTGAAACACA  
TCTCTTGGGTCTCTCTGTTCCGTTTTCAAGGACAGTCAGCTTCCCATCATAGTTTGGCGTTATATTTA  
AGTTAAGAAATAATGATTAACCTCTGAAGAAATTATCTGGGACAAGAGTGGGGTGCCTCGCTCCGCTCT  
TCCTGCCCCCAGTGTGAGCAGCTCCTCTGTATAGTCTCTTCTTCTTCACTGAATGCTGGAACCTCCAAC  
CCCAGGGACTTCTGGGTGGTAACAGTGACTCCTGATCCCAGAATGCCATCGATGACCAAGAATGGAAC  
AGAAAGGGGGGCTGGAGAGGGA  
>GBEQ1568 |Acc|BM780895|Ver|BM780895.1 GI:19129127|MLN1\_1\_F07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:442  
GCACGAGATTGTGTTAGTCCACTTGATGCCCCAGATAAGGTCCAAGAAGGAAATAAGAGGATGAAGGTT  
CTAAACCCACGAGTGATCCCGAGGAGCCGGAACATTCTGCCAATGGTCCAGCAAGTCCAGCTTTTACTCA

AAAGTGCATAGTAAAAGACGTAAATGGGACAACTCAAACCTCATATTAAACGTTATTTCTATTTTTCTAG  
AAGTAGGAGAGCGAAATAGGAACACAGTGGATTAATGAATTGCATTGGAACAATGTTATGGGAAGCTTTC  
TTTTTTTTACTGTTGTAGAAAAATATTTAAGATGGTTTTGCTAAAACATTTTGTACAGTCTTATGCTTCT  
TCTAAAATTTTACCCATCCCTCGGCAAAATAGAACTTCTTTGTAGTCTTTGCATGTGTGTGTGTGTGT  
GTGTGTGTGTGTGTGTGTGTCTG

>GBEQ1569 |Acc|BM780892|Ver|BM780892.1 GI:19129124|MLN1\_1\_G04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:31:Stop:464  
CAAACCAGCAGCTGTCCAGGGCGGCGGACTATCAGCGCAAATCCAGAAAAACCTGTGCATCATCATTTTC  
TATCCTTGTTCATCGGAGTTGTAATTATCAGTCTCATCGCATGGGAGCAAGCCGCTAAAATTACAAAGGA  
GCACACTATTGCACTACATTATCTAAATTATGTAGGAAGATGCCTGTAATCGTGTGTGGTTTTTTGTTT  
TTTTTAAACGATGGTCCCATATTTTGTATTATTTGGGGGGAATTTTCCTTTGGATTAGATCTGATGTT  
TTCTAATAGAGAAAGTTTTTCTAAGTATCACTGCTGGCATCACTTCCATACTTTTCAATCTAATAACTGT  
TAGGCTGTTGCCCATATTGTGTATGCCTCCCATGTATAATTTATTTATCCACTTGACTTAGTTTCCGGAA  
TTAGTANATTTAAA

>GBEQ1570 |Acc|BM780887|Ver|BM780887.1 GI:19129119|MLN1\_1\_G08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:414  
CACAGCTTATGTTTCTTTGTAATTAATAGCTATTGGGAGAAACCCCTTTTTAGGAAAGTTTATAGTGAAG  
ATTTGATGTTTGTATGGCATAATTTCTTACTTGAATTCGCTCCAGTATACAGGCCCTTCTGGAACCTCA  
AACACTGTAAATGAAATAGAGGTGTGTAGTCCCTATTGTATCTTCTTTTTCTTTTGTGTTTTGAAATAAAA  
GGCAGTGTGTTTCAAGATAGTACTTTTACTGAAATGATTGCGCCCTCTGGATCCCTTATTAAGTCATTGAAG  
ATTCATCTTGTGAGTCCCTTATGAGAAACGACAGTCTGAATCTTGATTTTTCTCCCCAGCCTGATGGCAGA  
GCTCTGTGACTTTGGAGTGTGCTACCAAGATTGGTACTTTTATACTTCGTTTTTTGCT

>GBEQ1571 |Acc|BM780878|Ver|BM780878.1 GI:19129110|MLN1\_1\_H09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:407  
TCACATGAATAAAGTATGTATGTACGAATGTGTATATATATATATATGACATCTATTTTAGGAAAATG  
TTTGATGTTTGTACCTCATTTTTTAGGAGGTGTGCATGGATGCAATATATGAAAATGGGACATTCTGGAA  
CTGCTGGTCAGGGGACTTTGTGCGCCCTGTGCACTGAAGGGCCAGATTTTCAGCAGCCAAGGACATCATAC  
CCAAGTGAATGTGATGGGACTTACAGAAGTGAGCTGAGGCAGTTCCTCTGGCTGTTTGAACAGCAGCGT  
TTCATAGGAAGAGAAAAAGATCAATCTTGTATTTTCTGACCACATAAAGGCTTCTTCTCTTTGTAATAAA  
GTAGAAAAGCTCTCCTCACTACAGTGTGGCTTTGATTGGAAATTGTGA

>GBEQ1572 |Acc|BM780870|Ver|BM780870.1 GI:19129102|APL1\_9\_E09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:555  
GCACGAGGATTTATTTGGAGCGGAGGCATGTTTTTAAAGGAAAAAACATGTCATGTAGGTTGTCTAAAAA  
TAAATGCAATTTAAACTCAAAAAAAGGAAACGCGAGACTAGTTCTCCCTCGTGCCGAATTTCGGCA  
CGAGGCTGGACGCCAAGCAGGACAGCCAGGACGACACTATGGCTCTGAACACGAACATCCGGGCTG  
CCTGCTCCTGCTCCTTCTCCTGGCCAGCCTGACCAAGTGGCTCGGTTCTTCCACACCAGACAAGGCAGCT  
CGAAGACCTCCAGACCCAGGACGACGCTGGAATGGCTGGAGCAGCGGCCGGCTTGATGCCTGGGCTCCAC  
CAGCTAAGGAGGCGAGACACCCACTTCCCATCTGCACCTCTGCTGCGGCTGCTGTAACAAACAGAAGT  
GTGGCTGGTGTGCAAGACCTGAGCCGTCCGCGCTGCGCCGGGCTCCCTCCCTTCTTATTTATTC  
TGCTGCCTTCCAACGCTCGCTCGGTGAATGGTCTTGAATAAAATGCTCGTTCTCTCTTGTTC

>GBEQ1573 |Acc|BM780869|Ver|BM780869.1 GI:19129101|APL1\_9\_F04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:35:Stop:586  
TACCTTACCACAATGTTTCAGAAGAGGAACAGATAGTGGATGAAGGCCAAAAAGTTGGCAGTTTCCTTT  
CAAGGTGATCTGAGTCGGGCAGGAAAGGTGAAGGTAGACAATTTCTAGATTTGGAAGATTGGACACGG  
ATGAAGAGATTAGGCCCCAGATGCCACAGACTTGCTGCTTCCGGGAGAAGTGGAGCCGGATGCGAG  
CGCCAGTGCTCCCTCTCAGTCCCTTCCGTGGCCAGCCTCTTCCCTTGGAGGAAAGCCACGCCCGCC  
AGGAAAGGAGCAGACAGAGGGAAGAGATGCTCGGGGACGAAGTCCAGCCCTTCTCACTTGATGAAG  
AATTCGATTATGATGCTGTGACGCTCACCCCAAGTTTACCCCTGCAGAGATGGATGCCATCAAGGAGCT  
GTCCGCGCGGAAGGGAGAGAATCCAGCAGACGACGAGGGGACCCCGGGACTGACTCACAAGACAGCT  
TCGTGCTTATTTTATTTTGTCTTATTCGAGCAACGTTAAATAAAAGATAAACCTCCTGT

>GBEQ1574 |Acc|BM780865|Ver|BM780865.1 GI:19129097|APL1\_9\_E12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:456  
GCACGAGGGTGGAAACATGATTTTGTCTTCCAGAGCTGGTGACGACAATGTTGAACCTCCATGGTTCTG  
ATACCAGAATTGCCCAAGCGAATGAAGGAACAGAGGAAGAGCTCGTGTATCCTGGACAGCTGTCAAG  
GAAAAGCATAACGACCCCGAGGGTTTATACCCCAAGAGTCTCAGTTATCTGGGCTTGAGGACTAATTG  
GACTAAATTTTGCAGCCATATTGAACGCCACATGGAGAATTGAGTTGGCTTTAGCATTTTCAAATGC  
TGTAGGCACGGTGTAGGAATCTAAATCTTGTGTTTGCCTAAACTTGTCTAAACACATGCATCACAG

AATGAAGACTTAAGTCATAATAGTTTTTCATTTCCTTAATTAAGATGAAGGCACCATTTCTGGGAAGGTGA  
AAGTATGTGACGTTTGTATGTAATTAATAATAGTTT  
>GBEQ1575 |Acc|BM780862|Ver|BM780862.1 GI:19129094|APL1\_9\_F06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:5:Stop:589  
GAAGTTGCTCACTGACGAAATTTCCATTAGCCATTCTGGCAAGTTCATCTGCAAATGCCTGAATATTTCC  
AAGATCATTCGGGTGCAGCAGAAAGTGAACCTCTTGTAAGTTGACGGTTGGTCTTGCTATGAAATTTG  
AACACTTCGGAATGATTAATTTAGCAAAAACAGGTTTAGGAAATCCCAAATTTCTGTTCCCTATTGCTG  
GAAATGCAATTGATTTCAAGGACAAGCTCTCAGTGACTTCCAAACATTCTCTGATTATGTCCCTCGTGCC  
GAATTCGGCAGCAGGGGTCTCTCATCCCCCTTTTCAGGGCACAGAGGTGCAGGTCGACGACATCAAGCGAG  
TCTACTCGCTCTTTCTGGACGAGTCGCGCTCCACGCAGTACATGAAGGAGTACCAGGATGCCTTCCTCTT  
CAACGAGCTCAAAGGCGAAACCATGGACACCTCCTGAGCTGACGCCACCCTCGCCCCACATCCCCCGTTT  
TCTACTAGAGTTCTGACACTGTGACTTTGTATAAAATGGTCTGAAACTGGACCCACTGTGTGTGTAT  
ACACGTGCACACGCACCCTGAGCCC  
>GBEQ1576 |Acc|BM780858|Ver|BM780858.1 GI:19129090|APL1\_9\_F10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:422  
GCACGAGGCGAAAAACCTATTTTGCTCACGATGCTCTTCAGCAGTGCACAGTTGGGATATCGTGCTTCT  
CAAAGCTTTTACCTGTCCACGAACGAAGCATGTGAAACATGAAGTGGCCGAGATCATTTTTCAAAGTTGGA  
CAAGTCATAGATCCAGTGACTGGAAAACCTGTGCAGGAACCGCTACCTGGAGAGTCCAGTCAGTTTGG  
AAACGCCACCTCACCAAAATCTGGAATAACTCGTTATCTCTTCAACACAGTGAAGGAGGGTCCGAAG  
AAGGAGCCAAAGGGAAGATTTATAGCTTTGCTTTGTGGAAAAAGAAATTTTTCTAAGTTTTGTACGGA  
CTGTCTAGTTTCTTCTGTTATTTATGAAATAGCTAAAGTAAATGAATAAAGGGCTGTTATAATTTT  
TC  
>GBEQ1577 |Acc|BM780852|Ver|BM780852.1 GI:19129084|APL1\_9\_G10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:5:Stop:647  
GCAAGATATTTAGCAACATGGATCCTGACAAGAAATGGAAAGCTAATCTTTAGTGTCAGATTAATGGATG  
ATTTTGTGTTTTGTTTTTGTAGAGATGGTATGTTTTCTTAACTATTAATTATTTACAGAGAATATAGAGT  
ATAAAGCATTTGAAAATAACCCCTAGATACACTTTAAAATGATGTATATTTATATAAAATATATAAACAC  
ATTTACATTTATCATAACAGGTTATTTATTTAACCTAGGCTCTACAACATTTTACCAAAAATTCAGAATC  
CAGCATTGTATCCAGTTTCAATAGATTATGTAAAATGGTTACATTAATAAATAGTAAATTTATGTAATTT  
AAAGTGGATATTTATCTTGGAGATTAGTTATCTATTACCATTTGGCCCATGTACTATTTCTCTAGCTGCT  
TCAGTTAGCAGCAGAGACTTCTATGTAATCCTTCTTTTCTACAACCTTTGTCTACATCTGTAGATAAGA  
GCTTTGTTTTTCATGTTTCTATCAATTATGTATGATTATGTATTAATTTCTAAAGCTCTGTATCACGTGTA  
TTTTCTTATAATGATATCCACAAATGATTTATGCACATCAATTTTTGCTAATCAAAANAGTATTAAATTT  
CCCAGTTAAAGGC  
>GBEQ1578 |Acc|BM780848|Ver|BM780848.1 GI:19129080|APL1\_9\_G06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:11:Stop:603  
GTCAGTCACCAGCCAGTGGCCCCAGGAAAAGAGAGGACACTCAAGTGCCTGGCCTATGACTTCTACCCA  
CGAAGAATTGGTCTGCACTGGACCCGGGCCAGCGATGCGCAGGAGACTGAGTCAGGGGGAGACATTCTTC  
CCAGTGGAATGGCACTTACCTGTCTGGGTGGTGGTGGGAGTCCCCCTCAGGACAGAGCCCCCACTC  
CTGCCACGTGGAGCACAGTAGCCTGGCTCAGCCCCCTCTCTGTGCTGTGGGATGAGAGGCAGGAAGCAGAG  
GTTAAAGGTGGCTTGGGGACTCGAGCCAGTAGTTAGCCTTTCTGCAGGACACGAGAGATCTGAACTCTA  
ACAATCACTGTGAGCGTCATCAGCGGGGCCAGGGAACAGTTCCAGACGACAGGTGGTGGATCTGGAGAC  
GGAAGACTTGAATGCCGGGCACGGAGCTGATTACCCGCCAAACCACCCAGCAAAACCCATCATCGAATC  
TGTAAGGATCAGATCAGTAATAATCGTCTGGCCAGCACCCAGGATAGAAATGTATCTGTAACCATGAAA  
TGCTGTAGAAGTGTGAATAGATTTTATCCTTTG  
>GBEQ1579 |Acc|BM780847|Ver|BM780847.1 GI:19129079|APL1\_9\_G05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:10:Stop:650  
CAAAGTCTCAGAACTTTTCTGAAAGTTTCTTCTCGGTTTCTTCTACTATACTTATTAATTTTAAGTCTT  
TTATTAAGGATATTTAGCCTTAAATGGAAATTTAAACTCACTTTGGACTGTTGACGCAATTTACTGAGCT  
CAGAGTATTTTAAATTTGTTTATTTGATGAGATAACATTTTAGCTTATCTCCTAGATATAAAATAAAGT  
TATGGCATATCTTTTATTTTAACTATGTCATTTTATTTTGGTGATTTTAAAGTTATTTCTTAAATATTT  
CAGTATATACTAATAAAATAGGAGTAAATTTCTAGTGTTTCAAATGCCTATTTTTTTCCATATTTATTTCCC  
TCTAAATCATACATATTTAATGCTTCTTTTAAATGGGGAGAATTTATCTTTTAAATATATTTTCTGTT  
TGGTCATAGGCTGGAGACGTTTGAAGACAACCTTCAAATGGTAGACCTTTTAAAGGACTTTATCTGAG  
CAGAGAAATATAATGTTTTTCTATGGGACATGGACTTGCAAAGCCTCACTTTCATTTTAAAGAGTAAAAAG  
AACCCTTATCGAAAACCTCCACTAACAGTTTATGCTGGTAATAATTTATCTACATGCCATTTCAATAAAC  
ATTTGTTTCTT

>GBEQ1580 |Acc|BM780844|Ver|BM780844.1 GI:19129076|APL1\_9\_H08.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:11:Stop:628  
ACCTGTGGACATGTGGAGTGTGGGCTGTATTTTCGCAGAGATGTTTCGTGCAAAGCCTCTCTTCTGTGGA  
AACTCTGAAGCTGACCAGTTAGGCAAAATCTTTGACCTGATCGGGCTACCCCCAGAGGAAGACTGGCCGC  
GAGATGTGTCTCTACCCCGAGGAGCCTTTCCCCCAGAGGGCCCCGCCCGTGCAGTCGGTGGTGGCCGA  
GATGGAGGAGTCTGGAGCACAGCTGCTTCTGGAGATGCTGACTTTTAAACCCACACAAGCGAATCTCTGCC  
TTCCGAGCCCTGCAGCACTCTTATCTACAAAAGCCGGAAGGTAACCCAGAGTGAGCAGTGGAGTGGCTGC  
AGCAGAGCCAAGACAAGAGAAGCTGTCTAGTACCCTTCTTGGAACACTTGAGTGGAGAGCCCTCCGCAGAA  
GGCCCTCCTGCCTTCATCTCTGTGGAGACTCCTCCCGACTTTTACACACAATATTTTGTGCCTTAATG  
ACATTTCCCTCCACCTCCTTTGAGGCTTACCCTCTTCTGCCCCATCTCCTTACTCCGAGGGGTCTG  
TCCTCGTTTCCCCCTTCCCTACCTTGATATTGGGATCCTTTTTTATACAGGAAAAAC  
>GBEQ1581 |Acc|BM780839|Ver|BM780839.1 GI:19129071|APL1\_9\_H03.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:241  
GCACGAGGGTGATGTTTAAACGGACATCCTTGCAGTTTAAAGATGACACTTTTAAATAAAATTTTCTCCTA  
ATGATGACTTGAGCCCTGCCACTCAATGGGAGAATCAGCAGACCCTGTAGGTTTTTATTGGAATTGCCA  
TTCTCTATGGTAATTTGGTTCCGGTTTATTTTAAATTTTCTTTTGGTTTCACTGGAAAGGAAAGATGAT  
GCTCAGTTTTTAAACGTTAAAGTGTACAAGT  
>GBEQ1582 |Acc|BM780834|Ver|BM780834.1 GI:19129066|APL1\_9\_H11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:2:Stop:643  
TGAAGATACAATTGATGTGTTCCAGCAGCAGACAGGAGGTGTCTATTAAAAAGGGAACCTGCTACTTTAC  
TCCAGAATCTCTTCCCTCCAGACCAAGAAGACATTCTCAATTAGAAAACCGCAATTTGGTTCCACCGCGT  
CCTGACTACTACAGTATAGTTTTCTCTATTCTTTCATTTTCCCCCTTCCCCATTCTTTATTGTACATAAA  
GTAACTGGTGTATGTGCACAAGCATATTGCAATTTTTTTTTTAACTAAATGGCCAATGGTATGTTTTAAT  
TGACATCAAATGGAGATGGGATAGGGAAAAATACTGGTTCTGTGAAAATACCCCTTTCTCCATTAGTGG  
CATGCTCATTAGCTCTTATCTTTATATTCCAGTAAGTTATTTTGTCTCTCACTGTTTAAACAAAAA  
GAACAGCATAAAAATCCTTGCATACCTTGTTCGATTGGAGAATTTAATGTTTTTCATTTATCATTTGTAA  
AACCAAGGACGATTTTATACTTTTGTGACGTAGCTGTTACATGTAGGGCAATCTGTCTTTAAGTAGGG  
ATAAATTACTCTAAAGAAATGAATCCTAGATAGTTTTCCCTTCAAGTCAAGCGTCTTGTGTTTAAATA  
AACTTCTTGTTT  
>GBEQ1583 |Acc|BM780830|Ver|BM780830.1 GI:19129062|APL1\_9\_A07.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:29:Stop:645  
GGAGCGAGGTGACCCGCATGACGTGGGCCCGCAGTGGGGTGGGCGTCGCGGTGACCATGGAGCCGTGCCG  
GAAGCAGATCGACCAGCAGAACTGTACCTGTTGAACCGCCTCGGTTCTCGGGCCAAGAGGGGCCGCTGG  
AGAGGATGGTCTTTTTTATACAAAACAGGGACAAGAGAAAAGGCGACAGAGTGGACGCTGTCCCCGGGA  
TGGAGGCTGGGTGATGTCGCAAGCATATTGCAATTTTTTTTTTAACTAAATGGCCAATGGTATGTTTTAAT  
TGCCACAGGGTTCCGGAACGTCCAGGATGGCTGCCTGGCTCCCGGGACAGGCCCCCGCTCCCGCCACC  
CCCAGACTCGGCCAGGGTCCCGCGCCAGCAGCCGCCACCTCCCTCTGGGCTGAAAGCGGGCCCCGAGCTC  
CGGCTGGTTTTGCTCCCGGGCCTTGTGACGGGTCTGGAGGCTGGCCGGGAGCCACCTGAGGCTCCTCT  
GGAGGTGCGGACCCGGGAGGGCCCGTCCGTAGAAACCTCTGGATCTCTCTGCCCTGGACGGTCTGCTGT  
TGATAAGTAACCTGTAACTTTCCAATGAAAATAAAGAACAATACTAGTTCTTCC  
>GBEQ1584 |Acc|BM780827|Ver|BM780827.1 GI:19129059|APL1\_9\_A05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:281  
GCACGAGGGCGAGACTCGCCGCTTCTCAAGAATGCCTGGGCCAAGGAGCCGGTGCTAGTCGCCTCCTT  
CACCATTGCGGGCCTCGCTATAATTCTGCCCATCCTCAGCCCCCTACACCAAGTACTCCATCATGATCAAC  
AAGGCGACACCCTACACCTACCCAGTGCCCTCCGAGATGACGGGAACATGCCCGATGTGCCAGCCACC  
CCCAGGACCCCCAGGGCCCAAGCCTGGAGTGGCTGAAGAACTGTGAGCACCTCCGTTGACAGGGAAGGA  
G  
>GBEQ1585 |Acc|BM780825|Ver|BM780825.1 GI:19129057|APL1\_9\_B01.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:4:Stop:515  
TGCTGGAGAACAGCGTGCTCAAGATGGAGTACGCCGAGGTGCGCGTGCTACACCTGGGGCACAAGGATCT  
GACAGTGCTCTGCTGCTGGAACAGCTGCTCTTGGTCACTACCTTGACCTGTGCGACAATCGTCTCCGA  
GCCCTGCCCCAGCCCTCGCCGCGCTGCGCTGCCCTTGGGTGCTGCAGGCCAACGATAACGCCATAGAGT  
CCCTGGACGGTGTCACTAACTGCCCCGGCTGCAGGAGCTCTCACTGTGCAACAACCGCCTCCAGCAGCC  
TCCAGCGCTCCAGCCTCTTGCTCCTGCCCCAGGCTGGTCTCTCTCAATCTGCAGGGCAATCCCCCTGGGC  
CAAGCAGTGGGCTCTCAGACACCTGCCCCAGCTGCTGCCTTCGGTTAGCAGCATCCTCACCTAAGAGA  
CCCAACCCACCCCTTGCCCTTAACTTATTGGGATGGAATAAAGGATGGGGAAGCCCCCTCAGGCTGCTG  
CTGCGGCTTCCACCACCACTGT

>GBEQ1586 |Acc|BM780824|Ver|BM780824.1 GI:19129056|APL1\_9\_A12.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:294  
GCACGAGGATACTCTAAGGATCGTAAAAAATCTGTGAAGAAGCTGAAGAGTTTACAAAGAAATATGGGG  
AAAAGCGACCTGTGGACTAAAATCTGCCACGATTGATTCCAGCAAGTGTGAGCAGAGACCCCGAGCAGTG  
CATTGACACCCCGCAAAGCAGGACTCTGTGGAAAATTGACACGGGCCACCGCTGGCGTTTCGCTTGTG  
GCAGTTACTAATTTCTACAGTTTCTTAATCAAAAGTGGTCTAGGTAACCTGTAAAGAAAGGATTAAAA  
ATTTAAGATGTTCT

>GBEQ1587 |Acc|BM780817|Ver|BM780817.1 GI:19129049|APL1\_9\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:353  
GCACGAGGGCAAGCTGACGCTTGGCCATAAGATCCCGGCTTAAACGGGAGTATCTGCTTCAGTACAACG  
ACCCGACGCGCCGAGGGCTCGTTGAAGATCCTGCCTTGCTTCGTTGGACCTATGCAAGATCAGCAAATAT  
CTATCCTAATTTTACAGCCACTCCCAAGACCTCACTCTTAGGAGCACTGTTTGAATCGGGCCCTCTTC  
TTCTGGTATTATGTTTTCAAACTGACAGAGATAAGAAAGAAAACTTATCCAGGAAGGAAAATTTGGATC  
GCACATTTAATCTCATATTAAGTCTGGCAATGATGACTATATGTATTGTTTAAATAAATCTTCTATTA  
ATC

>GBEQ1588 |Acc|BM780808|Ver|BM780808.1 GI:19129040|APL1\_9\_C04.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:42:Stop:615  
ATGGACCTTGCACTCAGGTAAGGAGACAGGCTATGCCTTTCAAATGCATGCAGCTCACTGACTTCATCCT  
CAAGTTCCACACAGTGGCCGCGCAGAAGTATGTTGACAAAGCCTGGCAGAAGGCAGATATCAATACAAA  
TGGGCAGCCACAAGATGGGCCAAGAAGATTGAAGCCAGGGAAGGAAAGCCAAGATGACAGATTTTGATC  
GTTATAAAGTCATGAAGGCAAGAAAATGAGGAACAGAATAATCAAGCTTGAAGTTAGGAAGCTTCAGAA  
GGCAGCTCTCCTGAAAGCTTCTCCCAAAAAGGCACCTGCTGCTAAGGGTGCAGCTGCAACAGCTGCCGCA  
AAGGTTCCATCAAAAAGACGACCACTGCGGGCAAGAAGGCTCCAGCCCAGAAGGCTCCAGCCCAGAAAG  
CTGCAGCCAGAAGGCAGCGCTCCGAAAGCTCAGAAGGGTCAAGAAAGCTCCGGGTCAAGAACTCCAGC  
CCAGAAAGCACCTGCTCCAAAGGCGTCTGGCAAGAAAGCATAAGGGGCTGTTATAGAAATAATAAAGATT  
CTTTTGACGTGCT

>GBEQ1589 |Acc|BM780804|Ver|BM780804.1 GI:19129036|APL1\_9\_C11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:352  
GCACGAGGGGAACGCACCCCACTTCTGGGCTCCAGTCCCGCACTTCCCCCTCCTTTGGCTCCCTAGCCC  
CAGCCCCCATGCTTTTCTGGGTCTTCAGCGGATCCTCCAGCCTCTCCTTCTCCTCCTCTCTTCAGT  
TGCCATCCTGGTCTAATGCTCCCTCACCCCTCCACTTCTGCTGACCTGTTTGACAGCTCCTCCTCCTC  
CTCCTCCAGTCTTCTATGTTGAGAGATAGGGGACATTTCCGCCCCAGGTTTCTCCTTACCGAACCCCA  
TCCTTTTGAGGGGGTTGAGAGTGCAAGGGACTGGGTCTTCACTTACTGAGTTAATAAAATTGTTTTGT  
GG

>GBEQ1590 |Acc|BM780799|Ver|BM780799.1 GI:19129031|APL1\_9\_C07.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:18:Stop:620  
GCTTCCCCGGGGAGTACGCCAACAACAGGAGCGGCACTGGACGCTGACCGCACCCCCCGGCTACCGCCT  
GCGCCTTACTTCAACCACTTCCACCTGGAGCTCTCCTACCTCTGCGAGTACGACTTTGTCAAGCTGAGC  
TCAGGAACCAAGGTGCTGGCCACACTGTGCGGCTGGGAGAGCACAGACACGGAGCTGGCGCCCGGCAACG  
ACACCTTCTACTCGCCGGGCTCCAGCCTGGACGTCACCTTCCACTCCGACTACTCCAACGAGAAGCCGTT  
CCAGGGCTTTGAGGCCTTCTACGCAGCAGAGGACATCGACGAGTGCCAGGTGCCCCCAGGAGAGCGCCC  
CAGTCCGACCACTGCTTCCCAACCACTGGGTGGCTTCTACTGCTCCTGCCGAGCGGGCTACGTGCTCC  
ACCAGAACCAAGCGCACCTGCTCAGAACAGAGACTCTAGCCACCCGCTCTGGCTCCGGCCTGCCAAGCGGGT  
CGAGGCCAGAGCAAGGCCCACTGGCTGCAGCTCTGGGTCCGGCCGACATTGCTGCTGCCATCAGCCCCC  
ATTCACCCCACTATGGACCTAACAATAAATCTGGCTCCACTCC

>GBEQ1591 |Acc|BM780797|Ver|BM780797.1 GI:19129029|APL1\_9\_D03.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:27:Stop:527  
TTTGAAAGAAAAATACCATTTCTTAAGCCAATTTTAATTTCTTGAAAGACACAAATTTATTTAGCTGAA  
AAATCTAGATAACTTTTTGTCAAGAACTGTATCAATCTGTATATGTTGAATAAAGCTGCTTGTGCTAG  
GAATTTACTGACAGTGTTCAGGAGTCAATGAAGTCCGCTGTGTGCTGATCAAACCTGTAAGCGTGGG  
CCAGAGAGAGACAGCGTTCTGGAATGCTGTCCAGGACCGCCTGGCTGGCTCGTCGAGCCTGATGAGGGG  
CCGTGAGCTTTCAGAGCCATGGAGACGCGCGTGAATGACCCAGGAGGAGTGTACCTTGTTCCTGCGGCC  
AGGAGGTTGGTGACTGAACTTCACATGGGCTCTTCGATGGGCCCCGACGAGCTCTTCGCTTCTTCAGGG  
GGTCAGCAGCGTTGTGGAATCTAATTTTTTTGGATGTACCAGTTTTGTATAAATAATAAAGAACTCCTT  
ATTTTGATTC

>GBEQ1592 |Acc|BM780793|Ver|BM780793.1 GI:19129025|APL1\_9\_D10.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:3:Stop:540

CAGAGGAGGAAATAAGATGATCATCGAGGAAGCGAAACGATCCCTCCATGATGCTCTGTGTGTCATCCGG  
AACCTCATCCGTGACAATCGTGTGGTGTATGGAGGCGGCGCTGCTGAAATAGCATGTGCTCTGGCCGTCA  
GCCAAGAGGCGAGATAAGTGCCCGACCTTGGAGCAGTACGCCATGAGGGCCTTTGCCGACGCGCTGGAGGT  
CATCCCCATGGCCCTTTTGGAAAACAGCGGCATGAATCCCATCCAGACCATGACCGAAGTGCGAGCCAGA  
CAAGTGAAGGAGTTGAACCCCTGCTCTTGGAAATTGACTGTTTGCACAAAGGCACAAATGATATGAAGCAAC  
AACATGTCATAGAACCCTTGATTGGCAAAAAGCAACAGATATTTCTTGCAACACAAATGGTTAGAATGAT  
TTTGAAGATTGATGACATCCGAAAGCCTGGAGAATCGGAAGAATAAAGAAGAAATTTAGAATAAAATATA  
GTAGTAAGATGCACTACTGTGGTTAAATAAATGGATGTCTTGTGATGC  
>GBEQ1593 |Acc|BM780792|Ver|BM780792.1 GI:19129024|APL1\_9\_D09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:434  
GCACGAGGCCCTCCGCCCCCGCTTTGCTCCTTTGCTTGTACAGCTCTGAGGCTAAGTCCCGTCAGCCAC  
GGAAACACAATCGCTCTCTCTTTAGGTGCTTATTGCCAAATTACACCATGGAGGGAGAGAGGCCGGAAG  
ATGGAGGGGCTGGGGGCTCTGAACCACAACCAAGGCTTGAACAGGCTGATGCTGGCCGTGCGAGACATGAT  
GGCCAATTCCCACTTCCACGACCTGGAGGCGCCGACAGGACAACCCCGAGGGAGACGGGGAGTGGGAC  
TGAGGAGTGGGACTGGCCGCGCGCGCTGCCCCCAACGCTGTACAATTATGTTCTCTGATTTCTGTTCTGGT  
CCGAATTGGCCAGTTCCTGAAGTAGAAATGCTGATGTGTTGTCCACCTGCCTCTTCTTTTCTCTCTATA  
AACATGATGGGTTC  
>GBEQ1594 |Acc|BM780791|Ver|BM780791.1 GI:19129023|APL1\_9\_D08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:44:Stop:633  
CTCTCCGTGTCCCACTCGCTCTCCGTTCCACCCCCGCCCACCGCCAGGATGATGTGCGGCGCGCCCTC  
CGCCACTCAGCCCGCCACTGCCGAGACCCAGGCCATCGCCGACCAGGTGAAGTCACAGCTGGAGGAGAAG  
GAAAATAAGAAGTCCCTATTTTTTAAGGCTGTGGAGTTCCGGAGCCAGGTGGTGC CGGGGACAAACCACT  
TCATCAAGGTTTCCAGTTGGCGATGACGACTTCGTGCACATTTCGAGTGTTTAAAAGCCTCCACACGAAAA  
CAAGCCCCTGGCCTTGTCCAGCTATCAGACCAACAAAGCCAGGCACGACGAGCTGTCTATTTCTAGCTC  
CTGAGCTTGAACAGATCCCGTGTTCATGCGGGTCTCCGTCCTCTGAGGACGTGTGTCTGGGATCATATA  
TGAGTGTGTCTCTACGCTGTGCCACATGGGGTTGAGCGGGTGCTATGTGCCCTCTGTCTGTATTTCTAA  
ATTTCAATTGTGTTGATTTTTGTCTTTCAATCAATAATCTTAACCACATTACTTTCAAAGAGTGCTTATT  
GTTCTCAATTCTATATATTTTAATGTTTAC  
>GBEQ1595 |Acc|BM780787|Ver|BM780787.1 GI:19129019|APL1\_9\_E02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:465  
TGTGACTCCCCCAGAGCTTGTGGATCTGGTGATCACAGAGCTGGGAATGATCCCTTGCACTTCTGTACCT  
GTTGTCTTTCAGTCAAGAGTAGTGACCAGTGAGTGGGGGAACACAGGGTCAATAAAGGACATACTCCCT  
ACACTCAGCAACTCTGCTGCCTTTGTATCTCTTTTAGCATCACCACCACTTAGATTAGGAGTCCAGACTC  
TCAACCCCTCTTAGCACATCTGCCAACCTCGACCTTTGTGGAGACCCTCTCAAGTGACTAGCTCCACTC  
CCAGTGCTTTGGGGCCAAAGTGAAGGTGAGTATGGAAGCCAAAACTATCCAAGTCATCAAGCATTATT  
GAGCATCTATGTGCCAGACACTGAGCTAGATATGAGGAGGACCTTAAGGACAAATGAGTCTATCTTTA  
GTATTTTAGTATTATGATTGTATTAATATTATATTAATTTGAT  
>GBEQ1596 |Acc|BM780786|Ver|BM780786.1 GI:19129018|APL1\_9\_D11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:11:Stop:643  
CAATACTAAACCCCAAACCTAGCTTTATAGCCTACCCCTTCTCATACTATCCCTGTGAGGAATAATCAT  
AACTAGTTCCATCTGCTTGGCACAACCCGATCTAAAATCACTTATTGCATACTCCTCTGTCAGCCACATA  
GCCCTAGTAATCGTAGCCGCTCCTCATCCAAACACCATGAAGTTATATAGGAGCTACAGCCCTAATAATCG  
CTCAGCGCCTTACATCATCAATACTATTCTGCCTGGCAAACTCAAATTACGAACGTACCCATAGCCGAAC  
TATAATCCTAGCCCGCGGGCTTCAAACACTTCTTCCCTTATAGCAGCCTGATGACTATTAGCCAGCCTA  
ACCAACCTGGCCCTCCCTCCAGCATTAACCTAATTGGAGAGCTATTCGTAGTAATATCATCATTCTCAT  
GATCAAATATTACCATTTATCTAATAGGAGCCAAATATCACCATCACCGCCCTCTACTCCCTATACATACT  
AATCACAACACACGAGGGGAAATACACACACCATATCAACAGCATTAACCTTCATTTACACGAGAAAAAC  
GCACTCATGGCCCTCCACATGACTCCCTACTACTCCTATCACTTAACCTAAAATTATCCTAGGCTTTA  
CGT  
>GBEQ1597 |Acc|BM780779|Ver|BM780779.1 GI:19129011|APL1\_8\_A08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:635  
TCAGGAGGTAGACATCGGGCTCATCAAGCTCAAAGAGAAGTGCCCGTTGGTGAGAGAGTCATGCCCATC  
TGCTACCTTCAAAGATTATGCGCAAGTGGGGCGTGTGGGTATGTGTCTGGCTGGGGGCGAAATGCCA  
ACTTTAATTACAGGACTGTAAGTACGTACGCTGCCGTTGGCTGACCAAGACACCTGTGTGAAGCA  
CTACGAAGGCAGCACTGTGCCGAAAAGAGACAACAGGAGCTGTGTGCGCGTGCAGCCCATCGTAAT  
GAACACACCTTCTGTGCTGGCCTGTCCAGGTTTCAGGAGGACACCTGCTTCGGCGATGCTGGCAGTGCCT  
TTGTCAATTCAGATGAGGAGGACGACACCTGGTACGCGGCTGGGATCCTGAGCTTTGATAAGAGCTGTGC



TGTGGCCGAGTATGGAGTGTACGTGAAGGTGCCCTCCATCCTGGATTGGGTTTCAGAAAACTATCGCTGAG  
AACTAATGCAAGGCTGGCGGCCAGCACTGCCTGAGAGCAAGGCTTCCCTCCGGCAGAGGGAAACGGGATG  
GGAGTGGAGGGCCCTAAACGTGGTGTTCACGCCCTGCGTTGCTGAGACAATCAATAAAGAGGTTCTTTTT  
GACTC

>GBEQ1598 |Acc|BM780776|Ver|BM780776.1 GI:19129008|APL1\_8\_A06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:434  
GCACGAGGCGACGGGAAAGCAGAACGCTTCTCACATCGCGCTGCAGACCTTCTAGCCTGATGTCTGAAAG  
CTGCATCAGGACGCGTGGCACACATGCAGTTCAGTTCGTTTTATTCACGCCGTGACACCGAAGCCTTGCAGA  
CCAAACCCCGCCGAGCAGGGGTGCTGGCCGGGCTGGCACCAGGGGCTGCTGGCTGATCTGAGAGCTGC  
CGTGTCCGGCAAGGAGAGCCAGGCAGAGGTCAGGCTGCTTTAGTCCATCTGCGTCCCACTCGTTTGGG  
GACAGGTGGTTTTTCTTATTGTAAATTTGGACTTTTAAACCTGTTGACTAAACAGTAATTAATTTA  
TATTTGTGAAAAATGCCACTGTCTAGTGTATTTCTGATGTAAATAATGTTGTTTATATAGTATGTATTAA  
ATTTTCTACATTG

>GBEQ1599 |Acc|BM780768|Ver|BM780768.1 GI:19129000|APL1\_8\_B05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:41:Stop:619  
CCAGACGTCGTTCAAATACAATATTTCTCCAGAAAAGGAAAAGTTTCCATTTGCTTTGGAGGTGCAGACT  
TTGCCCCAAACTTGCGAAGGATCCAAAGCCACACCAGCTTCCAGATCACACTGAACGTCAGTTACACTG  
GAAGTCGCCCCGCTCCAAACATGGCGATGCTGATGTGAAGATGGTATCCGGCTTCGTTCCCACTAAACCC  
AACAGTGAAAACGCTTGAAAGCTCTAATCATGTGACCAGAACAGAAGTCAGCAACAACCATGTTTTGATT  
TACCTTGATGAGGTGACAAATCAGACACTAAGCTTGTCTTCACAGTTGTACAGGATATCCCAAGTAAGAG  
ATCTGAAACCAGCCATAGTGAAAGTCTATGATTACTATGAGACAGATGAGTTTGCAATTGCTGAGTACAA  
TGCTCCTTGCGGCAAGATCTTGGAATGCTTGAAACCAGGTGAAAGAAAACCTGCTTTGCTGGAGTCCC  
TGTTCCACAGATTACAGTCTCTGTGGAAGAAAAGGGTTTTGTATCTCTGAGGACTTGATGAATAAACTT  
TTTTTCTGGTCAATATCT

>GBEQ1600 |Acc|BM780766|Ver|BM780766.1 GI:19128998|APL1\_8\_B08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:167  
GCACGAGGCTCCCCCAGGAAGAGCGTGGGCACCTTTCTCGCTTGTCTATTCCCCACTCACACCCCCA  
GGCAGGGTTGGAAATGAAGGACTTTTTTAACCTTTTGTTTTTTAAAAATAAACCTGTAAATCTGAAAAA  
AAAAAAAAAAAACTCGAGGGGGGGGCC

>GBEQ1601 |Acc|BM780756|Ver|BM780756.1 GI:19128988|APL1\_8\_C08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:630  
TGCTGGTGGGGTCCCCAACACAGAAGCAAAACAGTTCTTAGAGGAGAATGATGACGGTTGCAGCTCATGA  
GCTGGGAAAAGAGGCAGTGCTCTTTGGGAGAAACAGCAGAGGCCAGGCTTCAAGCTGAAGCCAGCAGAG  
TCCCAGCCAATGGGCATGTGCCAGGATGAAGAATTTTGGAAATACATAACCGATGTCAACAAGAATACCTGA  
GCAAGAATAGTCTAAAGAACTGAACCTGTATATAAGAGGGGTAAAGGAGCTTCATGATAATTTCTTTCT  
CCTGGGAGCTATGATAGTCATTTGTTTCAGCCAGAACGTTGTAACATTTTCTAGGTGCCCATCTCTGTGG  
ATCTGCAATGCAACCATGTTAGCGATTACAGTCCACTCCCTGATGGTAGTAGAATAGACTAGCTGTGG  
GTGAAGTTGGAGGTTGGCCTAAAGTACAGAAATATCCAAACCACAGAACCCTGGTAATAACATCATGAAC  
TCTTCCTTAGTAAAGTGGGGAGGGTTAGGGCCACCTCATCTTGTAAAATACAGAAGGAATTGGGATCAG  
AAATGTGCTGTCAGTGACAAAATGTGAATGCTATTCTGTACCAGGAAAAAATAATAAAGATTAAAAACT  
>GBEQ1602 |Acc|BM780752|Ver|BM780752.1 GI:19128984|APL1\_8\_C12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:170:Stop:434  
TCCCTCGGATCCCAATTCGGGCCCGGGTGCCCCCTCTCCCTTGAAGGGCCCCGGCCCTGCAGACCAA  
AGAGAAGAGGGTGGGCAGCCTGCGAGCTCGGGGGTGGAGCGCCCTGGCGGGAGGCAGGGACAGCTGTCTAT  
GGCCAGTGACAGAATCATTTGGGCTTGGGTGTCCGACCTTGCTGCTGTTTCCACCCCACTCAGTTTTCC  
CTTGTAATGCCCTCCCAATTTGCTGCTTTCATATTGAAGGTTTTTGTAGTTTT

>GBEQ1603 |Acc|BM780749|Ver|BM780749.1 GI:19128981|APL1\_8\_D01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:548  
GGGGAGGCATGAAAGTCTTCTGAAGCAGGGAGAGTGCGCCAGTGTGCACCCCAAGACCCGCCCAGTGGT  
GCTGCCACCTGAGACCCGCGCTCAATGGCGTGGGCCCCCTAGCACCCCACTGGACCACCGAGGCTAT  
CAGGCCCTGTGATAGCTCCCAGGGCCCCGGGTCTTCACCGAATCAGAGAAGAGGCCACTCAGCATCC  
AGGACAGCTTCGTGGAGGTGTCCCAAGTGTGCCCGGGCCCCGCGTCCGCTGGGCTTTGAGATCCGGGA  
CTCTGTGGTGTGAGAGCAGACTTTTAGAGGCCACCTGGCTTCAGGGGCCAGGAGTGTCTCCCATGTAAAC  
ACAACCATGGTGCCAGTCTTGAAGCAACGGGGCCAGCCCGCTGCTCTTCAGCCAAGTAGGGAGGCC  
CCTCCGACCCAGCCAGCCACAGCCCCAGAGGTCCTGGCTGAAGATGGGGGCCCTGCTAGGTGGGCAGAAC  
AGTGCTCCTTATGTAACTGAGCCCTTTGTTTAAAGAAACAAATGAAAATGTG

>GBEQ1604 |Acc|BM780746|Ver|BM780746.1 GI:19128978|APL1\_8\_D09.g1\_A005 Liver (APL1) Equus

caballus cDNA, mRNA sequence.:Start:4:Stop:636

CGTACATCAATGAGGACAGGATATCTACAACGTTTCAGACTGACAACCTGCTCATGTCTGGCTGTTTCATC  
AGAATTAATAAATCGAATGGAATATGCTCTGAACATGCTCTTACAGAGATGTAACATAAAGACTTTTCGA  
ATGGACCTATGGGACTCCTCTTTTCCACTGTGAGATCTACAGGGAAGCCAGTAAATGATCTACAGCAT  
GTTGAAGAAGACAGACAGGTGGTGGTACGAAAACAATTCCTCTGTGGCTGCTGGACTGGGTGGAACCAG  
ACCAGGCTGAAGCACACAGTTCTTGACTTTGGACAATCAGAGCGAACCAGAATGCAGTTTTCTTGACGT  
ACCTGTTTTAAAGGTTTTTCAGACAATTTACAGAAAGGTGCATTGACTCTTTACTTCTCTCTGTGGAG  
AGCATTTCAGACAGAGGACTCGGAAGTGTGAATATACTTCTGAAGGGGAGGAGAAGGGAGGAAGCTCCC  
GTGTTGTTTAAAGGCTGTAACGAGCAGCTTTGGCTGCTTAACGTGAAGTATGGCCATATATAATTT  
TTTTTTTGTAAATTTTGAAGACACTTGTGGCTGGAAGTGCATTCTTGTAAATAAACTTTTTATT  
ATT

>GBEQ1605 |Acc|BM780744|Ver|BM780744.1 GI:19128976|APL1\_8\_D07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:635

AGCCCAAGTCCCGCGCCAGTTTCAGGTAATGGAACAGCAGCCAGCCCAACCCAGCCCATCCAGC  
TGAGCGACCTCCAGAGCATTTCTAGCCACTATGAACGTGCCGCGCGGCCAGGAGGTGGCCAGCAAGTTGA  
CCTGGCCAGTGTGCTGACACCTGAGATCATGGCACCTATCCTCGCCAACGCGGACGTCCAGGAGCGCCTG  
CTGCCCTACCTGCCCTCTGGGGAGTCGCTGCCGCGAGACCGCAGAGGAGATCCAGAACACGCTGACCTCGC  
CCAGTTCCAGCAGGCTCTGGGCATGTTTCAGTGCAGCCTTGGCCTCAGGGCAGCTGGGTCCCCTCATGTG  
CCAGTTTGGCCTCCCTGCCGAGGCTGTGGAGGCAGCCAACAAGGGTGTGTGGAAGCATTGCCCCAAGCT  
ATGCAGAACAGTGCCAGATCCGAGCAGAAGGAGGGCGACGGGGAGGACAAGAAGGACGAAGAGGAAGACA  
TGAGCTTAGACTAAATTTATTTGCTGTCTTTTAAAGGGTTCGGGGCTCTTGGCTGTGCGATTTTCAGTAGTGG  
CGTTTGTGATCTGTACGACCCCTCACACCTCTGTTCCAACCTGCTGAGAAATAAAGGCTTTTCTTCT

>GBEQ1606 |Acc|BM780743|Ver|BM780743.1 GI:19128975|APL1\_8\_E03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:27:Stop:587

CCCCAGGACCCCAAGAGTTGACCCCCACAGAGAAAGGCCGCTGTGCCCTCCCTGGAGGAGATCCTGTCT  
CAGCGGGACGCTGCCCGAGCCTGCACCCTCCACCTGCGGGCCGAGGACCCCCCAACCGCTATCCACCGC  
ACCCGGGGCAGCTGTCCCGGATCCAGGACCTGGTAGCAAGAACTAGAGAAGACTCAGGAGCTGCTGGC  
AGAGGTTTCAGGACTGGGAGATGGGAAGCGAAAGGCCAAGGAGCCCCCTCGGTCTCCTCCTGATTCCGAG  
TCAGAGCAGCTGCTGCTGGAGACGGAGCGGCTGCTGGGAGAGGCATCGTCGAATTGGAGCCAGGCGAAGA  
GGGTGCTGCAGGAAGTCAGGGAGCTGAGGGACCTGTACAGACAGATGGACCTGCAGACCCCCGACTCCCC  
CCTCAGACAGACCCAGCAGCAGTACCGGAAGAGCCTGATGTGAAGGAAAGGGACAGAGACTCTGG  
AACTTGTAGGGGGTGGACAGACTCTTATCTCCNCAGTGTTCAGGACAAAGCTTTTTTATTACCTCAGT  
C

>GBEQ1607 |Acc|BM780742|Ver|BM780742.1 GI:19128974|APL1\_8\_D11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:642

AGTTGCCACAAATAAAGATGTTTGTGATAAAGGAAATACCAAACCCATCGATCAGTACATATTTGAACT  
AAGTGCAGGAGCTCATATTCAGAAAGTATTCCTCAGTAAATACTTGACTCAACCCCTGAAAAACCTTGAT  
GAATGCTGCCACTCTGAAGACTCTACCGCCTGTTTGAATGCTAAGGGCCCTCAACTGAAGAAGGAATAT  
CCTCTTTCATCGGCAAGGGACAAGAATATGTGCAGATTATTCAGAAAACACATTTACTGAGTACAAGAA  
AAACTGGCAGAGCGATTACGAGCAAAATTGCCTGATGCTGCAGCCACGGAACCTCGAAGAGCTAGTTGGC  
AAGCGCTCAGACTTTGCCCTCAAGTGCTGTTCCATAAACTCACCTCCACTCTACTGTGATTCTGAGATTG  
ATGCTGAAATGAAAAATTCCTCGTAGTCTTGATGCATGTGTATTGTCTTAGAACTAGACCTGGAATCACC  
CTGGGAATGACATCTGATGACTTAACCTGAGTAAACTCAGAGCTCCTGGGGAGACAACCTAGGATACTCCT  
GCTTTTTATCACCTACAATATCTTAATACAATGATAAGTATGATGATTTGGTATCGAAATAAACTGAAAT  
ATAATGCAAAACC

>GBEQ1608 |Acc|BM780741|Ver|BM780741.1 GI:19128973|APL1\_8\_E02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:26:Stop:437

CCGGTTACGGGGATACGGACGCGCGGTCACCGCAGCCATTGGTAGTAACATTTGGGCGGCCTATGACCG  
GAACGGGAACCAAGCGTTTAAATGAAGACAATCTCAATTCATCCTCATGGACTGCATGGAGGGCCGGGTA  
GCCATCACCCGAGTGGCCAACCTTTTGTGCTGTATGATGATGCCAAGGAGACTGTTGGCTTTGGAATGCTCA  
AGGCCAAGGCCAGGCTTGGTGCAGTATTTGGAGGAGCCCTCACCCAAGTAGCAGCATTTGTAATGGGC  
ATTGGTGAAGCTGGAGTCAGAAAAGAGAGATGACCATTTGGAGGGGAGGGCCCCCTGGGGAAACCTTT  
CTGGACTGTGGAGGGAGGTAGGACTTTTTTTTTTCCAAGAATAAACTTCAACTCCTGTTTTT

>GBEQ1609 |Acc|BM780730|Ver|BM780730.1 GI:19128962|APL1\_8\_F06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:533

GCACGAGGCTTTTCCCTATGGGTACTCTCTTTACAATCGGCCGCATCCGGGAAGTTGCAGGAGCCGGGG  
TTTCTCAGCGTAGTGTGTTGAGTTGGTGCACGGTCAGGGCTCAGGAGGAAGGCTGGTGGCGTTCAGAA



TGGTCCAGCGTTTACCTACCGCCGTAGGCTCTCCTACAACACAGCGTCCAACAAAACGAGGCTGTCCCG  
AACCCCTGGGAATAGGATCGTTTACCTGTATACCAAGAAAGTTGGGAAAGCACCAGGAGTCCGCGTGTGGC  
GTGTGCCAGGCCGACTGCGAGGCGTTCGTGCTGTGAGGCCATAAGTTCTTATGAGATTGTCTAAAACGA  
AAAAACACGTCAGCAGGGCCTACGGAGGTTCCATGTGTGCTAAATGTGTCCGCGACAGGATCAAGCGTGC  
TTTCCTTATTGAGGAGCAGAAAATCGTTGTGAAAGTGTTGAAGGCCCAAGCACAGAGTCAGAAAGCTAAA  
TAAAAAATGAAGCTTTTTTGTAGTAATAAAAAAGTCAAAAGGC

>GBEQ1610 |Acc|BM780729|Ver|BM780729.1 GI:19128961|APL1\_8\_F02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:60:Stop:642  
CGTCTGACGCTGTTTAAACTGCACACACAGAGAAAGACCCTAGGCATGTCCCTTCATTTCTCTGCACAT  
TGGTTTCTCTACTATGTGGGTATTGAAACGCATGATATGGACAGTGGTGAAGTGGAAAAAGAGTTAATTT  
TCTCCCAAACTTTTGTACTGCCTAGGGCAGTTAGAGAATTTAAGTATGATCAAGTTTGAGGAACAAGGGT  
TGCTACTGGAATACTCTCAAAGGGCTCAAGCTAGGTGAGGAAGGAGAAATCCCACTTTCAGGCTCTGAAA  
CCTTGGTGCAACCTGCAGGGGGGACTCCCTCTGAGCCTCTACAGAGCCCTATGTGCCCCAGTTAAATTC  
AGGAAGTCCTTCCCAATACCACACTCCTGTTTGTCTTCTTGGGCTCATCTGAGGAGATCCACTTCGAG  
CCTCCCCCTTAAAAATCAGCTTCTCCCTCTATCCCAAATTTTGTATCTTCTAGGAAAAGAGATGAGTGG  
AATTCAGGATCCCTCCTCTTGGCCACTGCAAAAAAGTTCACAGTATTTTCTGCTGGCAGAAAACAATACA  
AATAAACTATTTTTTAAACCTTG

>GBEQ1611 |Acc|BM780722|Ver|BM780722.1 GI:19128954|APL1\_8\_F08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:626  
AAGAAGTGGCATATCTTGGAAACGAAGTGTCTGATGAGGAGTGCCTGAAGAAAGCGGGCCTCAGTGGCGT  
TCCTGCCGACGCTGTTCCTACTGCCAGAGGCTGTTGGATATATTGCAAAAGTAATGGTGGCCGTGGT  
GCCCTCCGAGAGTTTGACAGACACATTTTCTTATTAATGGAAGGTTATTAATTCATGCCAAAAATAGA  
AATTAGTATAATGTTGGGAAAGAAAGTATTCAGGCTTCTTCAGCCACTTTACTTTTTATTTCAGTTAAAT  
ACAATTCATGTTGTAATGTTACAGAGAGTGTGATTTGATTTGTGATATACCTTAATATCTTTTAAAGCA  
GTGTCTTCTCAAACCTGCTACTCCAAATCTTCTCTGAAATAATTGTGCTCTACTTTTCTCTTTATGCAAG  
ATAATTATTTAGAGATTGATTACAGTCTTTCTCAGATTTTGTAGTAAATGCAAGTAACAACATCATCAGAA  
TTTGACTTTATATTGTACCCTGTAAAGCTGTGTTTGTGTGCTTTTAAATGATGCTGAGATTTTATTTAT  
TTGGGGACAGTGTGCTGTGTAAGACATGCCCTTCTATAATTAATAAAATTACATTTTCAAACTTG

>GBEQ1612 |Acc|BM780712|Ver|BM780712.1 GI:19128944|APL1\_8\_G07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:314  
GCACGAGGATAGTCCAGGGACCTGCCGAGCCTTCATCCGGCTGTGGGCATTTGATGCCGCCAGGGGAA  
GTGTGTCTCTTACCTATGGAGGCTGCCGTGGCAACGGCAACAATCTACTCGGAGAAGGAGTGCAAG  
GAGTACTGTGGCATTCTTGGCGACGGGACGAGGAGCTGTACGCTTCTCCGGCTGACCGGTCTGCAGGC  
CAGAGAGGGGCCACAGGGTGGCAGGGCCAGTGTCTGCTCCCGTGGCCACGGCAGTCCGGCCCATGTAAC  
CTGGGTTCAAATAAAAAACCAATTTAGACTCCT

>GBEQ1613 |Acc|BM780709|Ver|BM780709.1 GI:19128941|APL1\_8\_H02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:500  
GAAAANCCCAACCTTCTCCCAACCACCACCACCCAGNTGGGGCTTTGGGAAAAGTTTTCCCTTTAGATC  
CAACTGCCCCATCCATGGAGAAGCTGGAGAAAGAACCTCTGGGACCCGATCCCGAGACTTGGGGAGGTT  
GCTGCCAACAGTCTGATCTTCCCATCCCCGACTGATGAGCCACAAGCCCTGGGGGAGGAGAGGACCTT  
CCGAGGAACCATCACCACCACCACCAAGGAGCGAGTGAAAAAACCCACCTCCTCCTCACCCTCCACGACT  
CCTTGAGGACCCATCATCCCAACCATGACCCTCCATGTGGACCAACTCTCCTTTCTAGACCTGAGCTTG  
CTTCCTCCAGCTAGCACTAATTCAGCAACATCTCGCTGTGGACGCTGTAAATATTGAGAAATGTGAAA  
CGTGCAATCTTGAACTGAGGTGTTAGAAAATTTGATCTGTGGTGTGTTTGTGTTTTTCTTAAAC  
GACAAGCAGC

>GBEQ1614 |Acc|BM780708|Ver|BM780708.1 GI:19128940|APL1\_8\_H01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:477  
GCACGAGGCTTCTTGCTACAGCTCCACTCTCCTGTGCATTGAGGGGTTAACCTGAGGTTGAGAAGATGAC  
TAAGCTGGAAGACCACCTGGAGGGAGTCATCAACATCTCCACCAGTACTCAGCTCGGGTGGGGCATTTT  
GATACCTCTCCAAGGGTGAGCTGAAGCAGCTGATCACAAGGGAACCTTGCAAACTCCATCAAGAATACCA  
AAGATAAAGCTACCTTACCAAAATATTCAGATCTGGATGCCGATAAAGATGGCCAGGTCAGCTTTAA  
TGAATTCGTAGTCTGTTGTGCAAGGTGCTGAAGACTGCCACGACGATATCCACAAGGAGTAAGAAGCT  
CTGAGAGGCTTTTTCCAGAAATGTCCCAAGAAGATGTTTCTTCTCCTCATCAAGCCCAGACTCACC  
TGAGGGACGCTGAGCGTTAATAAATGTACTTTTGAATGTAAAAAATTTTTTTTTT

>GBEQ1615 |Acc|BM780704|Ver|BM780704.1 GI:19128936|APL1\_8\_H07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:560  
CTCTTACCGTTCACATGACCATTACCAAGGCAGAGAGTCTGTCAGAAGGAGCGTGCAATAGAAGAGAGA

819

AATGGTTCTTT

>GBEQ1621 |Acc|BM780663|Ver|BM780663.1 GI:19128895|APL1\_6\_C12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:11:Stop:623

CGGCTGCTGTAGAAGCCAAACAAGTGGCCAGCAGGAGGCCAGCGGGCCAGTTCTTAGTGGAAAAAGC  
AAAGCAGGAGCAGCGGCAGAAGATCGTGAGGCTGAGGGTGAGGCTGAGGCCGCCAGGATGCTTGGAGAA  
GCACTAAGCAAGAACCCTGGCTACATCAAACTGCGCAAGATCCGGGCAGCCAGAACATCTCCAAGACGA  
TTGCCACATCACAGAAATCGTATCTATCTACCGCTGACAACCTCGTGCTGAACCTACAGGATGAAAGTTT  
CACCCGAGGAAGTGACAGCCTCCTCAAGGGTAAGAAATGAGCCTGGTGAGGAGCTGCACCCCGAGAAGTG  
GATCTGCNTGGTGTGTTGAGGAGCCGGCTTGGGGTCCACTGCTGCCACCCACCCCGAGCATCATGTGA  
TGGTACCCTCTGCATTTCTCTGCGTCATCCTTAGATGAACGATGCCGACCCGTTTTTCAGGGGAATGACT  
TTCTCTCTCCCTGTATGGCCAGGGGTATCGGGACAGTGTGTGATTTCTCAGTGATTTCTACCGTGTG  
GTTCTCTCAAGGTTGGGAGGCGATAACCACCATCCAGGAATTTCTCAATAAA

>GBEQ1622 |Acc|BM780661|Ver|BM780661.1 GI:19128893|APL1\_6\_D08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:9:Stop:471

GCTTCACCGCCGACCTGCGCTCCAACACGGGCGGCCAGGCCCTCCCGCAGTGCGTGTGTTGACCACTGGCA  
GATCCTGCCCGGGGACCCCTTGGACAGCACCAGCCGCCCCAGCCAGGTGGTGGCCGAGACACGCAGGCGC  
AAGGCGCTGAAGGAGGCAATCCAGCCCTGGACAACCTTCTGGACAAGCTGTAGGCGGCCCTGCCCGCTG  
CCGGGCGGCCCTCAGCCCCCGGCCCTCCCGTCTCCACCGAAGCTGGAGACTGTCCGCGCGGCC  
GCTCCGTGCCACCGTCAGTGCCACGCGACGTCGGCCCTTCGATAATTTATTTCCGGGATTTAGACGCAG  
CAGAGAGGCCCTCCAGCGGGGACTGGTTCGGCTGGTGGGGTGGGGGAGGCGGGTGGGACACCCAACA  
CTTTTTTTTTTTCCCATTTTCAGAGGAAGACTCACATGTCCTT

>GBEQ1623 |Acc|BM780658|Ver|BM780658.1 GI:19128890|APL1\_6\_D09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:5:Stop:625

CCATGGGTGGCGGCGCGGTGCCAGCTTTGACCGCGCCATCGAGATGGAGCGTGGCAACTTTGGAGGAAG  
CTTCGCAAGGCTCCTTTGGTGGAGCGGAGGCCATGCTCCTGGGGTGGCCAGGAAGGCTTGCCAGATATTT  
GTGAGGAATCTCCCGTTTGACTTTACATGGAAGATGCTCAAGGACAAATTCAACGAGTGTTGGCCAGTC  
TGTATGCCGACATCAAGATGGAGAATGGGAAGTCCAAGGGGTGCGGTGTGGTTAAGTTTGAGTCGCCAGA  
GGTGGCTGAGAGAGCCTGCCGGATGATGAATGGGATGAAGCTGAGTGGCCGAGAGATTGATGTTTCAATC  
GATAGAAACGCTTAAGCAGTTGCCCTTTTTAAACATCGATACCAGACCTCTGAATTTGTATTTTTCTTG  
TTAACCATTTTTAATTTGTTGGCTGATGTATAAAGATGTTTAAAAAATTCAGTTGCTTTTTTGGGGTAATT  
TGAATTACTTTTTAATGACTGGGTTCCATTTGACTGTTTGCATTGAGATTGCAATGTGCGCAATTTTT  
TTTGTAGTTGTGGCATCTTGTGATCAAAATATGACTTTGATAATAAATACCAGTTCCCG

>GBEQ1624 |Acc|BM780650|Ver|BM780650.1 GI:19128882|APL1\_6\_E10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:626

TGACTGTGGTGTATGAGTCGAGTTAGACTTGTTCCGTACTTTCCCTGGCGAGGGTAGCCTAGATGGTTTA  
TTTCATAGGCACCTGATGAAGTCTTTCTTTGACTCCTTTAGCAGTAAGACCCAGTCTATGGGTTTAG  
GATCTGACGGCTTACGGACTCTCATCACTTTGGTGTACCTGAGTATCCTTCAAGTGGTAAACTTCAAG  
TCACAGCAAACAATTTGTGACCACTAGCACAACGTTCAACAGAGGAGGCTCTGCAAGTAAGAGCTTTAAA  
ATGGCAGATGAGCGGGAAGCGAAGCAGGTCTGAAGACCCAGAGGAGCACATGCCACCAAGGGAAGCC  
ATGTTAAAGTTCGCTCTGCAAGAGGTATCCACACTTCTCCCTGGGGAAACCTTCCCTGATCCCTTAGAC  
TAAGCTCATTATCTTGAATATGCTCCCAATAGCACCTTGCACTTCTTTCCCTAGCCCTCTATCACGCTT  
TATTGAAATTACACTTTTTTTTGTGTTTTTTGTTAGACTGTAAGTTCCATGGGGGCAGGGACTTTGTCTA  
TCATGTTGATCTCTGTATTCCCAAATGCTTAAGAGTGCAGAGTCATCACTCAATAAAACACATGCTC

>GBEQ1625 |Acc|BM780649|Ver|BM780649.1 GI:19128881|APL1\_6\_E09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:638

TAAGGCAGAAGGAATCAGGAGAGTTTGAAGAGACATTGGACTTTTGTGTGAAGTTAGAGAATCCTGGTGG  
GACCTAACATTGGTAACTCAGGCCAAGCCTGAATCTGAGTCCTCGTTTTTGTGTGCCAGCTCTGATGGG  
ATGCTATGGAACCTAGCCAAATGACCCCTTGAAGGACAATGGACCACAGATAACATCTGGCAGAAAGAAG  
CAAAAATGCCTGAAACCCAACTCCGGGGACAGACCATCCATAGATACTGATGTGGATAGCTGGCCAG  
AACCACAGATCTAAAGACACAGAGCAGCGAAGAAAGATTCACTCGGGCTCTGTACAGCTCTCCATGCTG  
CCTGAGTTGCTGGTGACAGCTTCAAAGGACAGAGATGTTAACTATGGGAAAGACCCAGTATGCAACTGC  
TGGGCCTGTTCGATGTGAAGGGGAGTGAGCTGCCTGGAACCTTGGCTGGGTCTGACTCTATCCTGCA  
GCTCGCAGTGGGAGACATGCAGGGCAATGTGTACTTTCTGTCCTGGGAATGAAGGCACCACTTATGCCAG  
AGATGCAAAGCCTGAAGATACCACTGGCTACTTTCTCAATAAAATTATAAAAAATAAGTGTGAGAAATC  
TC

>GBEQ1626 |Acc|BM780648|Ver|BM780648.1 GI:19128880|APL1\_6\_E08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:3:Stop:579

TGGATCGGGGAAGTGGCGAAAATCAAACAAGGCCTGGGCTTGAAATTCGCGGAGCTGGTATACACGGGTTT  
CTGGCACAGCCCTGAGTGTGAATTCGTCCGCCACTGCATCGCCAAGTCGCAGGAGCGCGTGGAAGGGAAA  
GTGCAGGTGTCCGTCTTCAAGGGCCAGGTGTACATCCTCGGCCGGGAGTCTCCGCTGTCCCTCTACAACG  
AGGAGCTGGTCAGCATGAACGTTTCAGGGCGATTATGAGCCACTCGATGCCACTGGTTTCATCAATATCAA  
CTCCCTCAGGCTGAAGGAGTATCATCGTCTCCAGAGCAAGGTCACCACCAAATAGACCAGCTGACAATGA  
GGAGCTGGGCGCTTTCCTCACTCTGCCCCTATCCCGAGCACGGGCGCTAATTGTTGTGATAATTGGTAG  
TTGTGACTTGTCTCCGGGGCTGGCAGTGGAGTGGGGGTGCCAGGCCACCTTTGTTCCTGGTCCCT  
GTAGCCTGTAAAAGTGGTCAGCGAAGGAAGGGTGGGGGCGAGCTGCAGTGGGGAGCCAGGGAAATGACA  
ATTAAAAANAAGATAC

>GBEQ1627 |Acc|BM780636|Ver|BM780636.1 GI:19128868|APL1\_6\_F12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:642

GAATATAGAGAACTTTCCAGATATGTACCTTGACAGTTTGTATGAAGTGTGATGAACATGCAGTGTGA  
TTTCTTTAAATCTTCTGTTTTCAATAGTAGAACAATTACTGTTTCTTTCTAGTACAATCATGTTTGAA  
TTAAGAAGATCTGTTGCATCGGTGCGGGCTATGTTGGAGGACCCACATGTAGTGTCAATGCTCAGATGT  
CCTGAAATCAGGGTAACGGTCTGTTGGATGTCAATGAATCAAGAATCAATGCATGGAACTCTCCTACGCTT  
CCTATTTATGAGGTAAATCATGGTAAACAACCTCTTTGTTTTCTTACTATTTTTGTTAAATAACTTACTAT  
TAATGTAAAAATCTATGATGGCAGCTGATAAGAAATTAAGTGAAAAACCTAGATATGCAATGTTCTGGAC  
ATTATAATTATCTCAAATGTGCCCTAGGGAAAATGACTGGAAACGCCCATATTAGAATATTAATAATGGT  
TGTATTAGGAAAGTGAGATTATGGGTAAATTTTTTCCCTTCTCTGTTTTCTCATTTTATCTATTATTATG  
GTTACCATATTGTAATAGTAAAATTAAGTGGCATTCTGTAAAAATAAAATAAAATAAACTGTGGATG  
TTTATAACATT

>GBEQ1628 |Acc|BM780634|Ver|BM780634.1 GI:19128866|APL1\_6\_F10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:22:Stop:640

TGCCGCTGGCAGCAGCTGGTGTACCGCATGCGGGGCGACACGCGGCTATTCCAGACTTTCTGGTTTTCTC  
TACCATAAGGGCCACCCACCTCGGAGCCCTGCGGCACCCCTGCGGCTCGCTACTCTGTGCGCCGAGC  
TCTCCGCTGTGCCCAGCATCCAGACTGCCCTGGGGCTGGTGTCTTTCAGTGAAGAGCCATCCACGGGCCCCA  
CAGGTTGTGGCTACAGCCACTGTTCTGCTAGCACTCCAGGGCCCAAGATTGGGAAAGTGTGTGTCTTAG  
GAAAGGAGCAAAACCCCGAGAGGGCTGCTGTGTTGAGAACATCTGATGGAAGAGCCATCCACGGGCCCCA  
GGCAGGCCCCGAAACAGGACCCCTCTCCTTTCCTGGAGCTGGTTAGCAAGATGTGGGAGGGGTTGGCTG  
CTCTGGCTGTGCCCAGCATCCAGACTGCCCTGGGGCTGGTGTCTTTGATGGCCATGGAGCAGAGGTCTC  
AGCTGGCACTGCTCTGGCAAACAGAGGGGAGTGGTCACCCCTTGGCCTGTGCTGGCCAGCCAGGAAACCT  
GTACTGCTGCTGCTGCCTGCCAGGCTATTAATAAATAAGATAAGAGACTTGACTCC

>GBEQ1629 |Acc|BM780631|Ver|BM780631.1 GI:19128863|APL1\_6\_G05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:615

GCTGACACCGCTCGTGTCAATTAATCAAAGGGTGCTTGTCTCAGTGAAGAAAGAGAAAACCTGTGACTGTCA  
CCCTGGATAAAGAGATGTCTTCTGTCTTACTTCATCGCGTTTGAAGAAGCATCCAATCAACGTAGA  
CTTTTTGGGGATCTACATTCCCCCACAAACAAATTTTCGCCTAATGTACATGGACTAATAGGCCAGTTC  
ATGAATGAGCCAAAGGTACACATCTTCAATGAGCGACTTGAAGGACCTCAAGAAGCCAGAGGCAAGCA  
TGGAGGTGAAGGACATAAGCTGATTGTCAACAGAGGCTCCAGAAAGACTACCGAACAGATATAGTGT  
TGGAACAGATGTTCCCTGTTGGTTTGTGCAGCAGAGTGGGAAAGGTTTCATCGATGGACATTACAAGGAT  
TACTTTGTGCCTCAGCTCTATAGCTTTCTCAAACGGGCTTAAGGTTTCTAGTTTTAGAAATTATACGTA  
TAAATGTACATTTTTTCTGCACTTTTGTCAATCTTCAATTTGAATAATTAATAAATAAACCAGAC  
AGCAGGTTGGCTTATAAAACCTGTTGACACATGGGAAGAAAATAAAGGATTTGC

>GBEQ1630 |Acc|BM780628|Ver|BM780628.1 GI:19128860|APL1\_6\_G07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:92:Stop:225

ATACACTGTTTAAATAAGCACTGAATAAATGATGCAAGTTGTCAATGGATGAGTGTCACTAATAGCTC  
TGCTAGTAATTGATTTATTTTTCTTCAATAAAGTTGCATAAACCAAAAAAAAAAAAAAAAAAAAAA

>GBEQ1631 |Acc|BM780611|Ver|BM780611.1 GI:19128843|APL1\_6\_H11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:555

GCACGAGGCCCTCGTGCCGAATTCGGCACGAGGCTACACGCCGCGCTGGGTCCGCCGCTATGTCTCTAG  
TGATCCCTGAGAGTTCCAGACATCTTGCGAGTCTCAACACCAACATCGATGGGCGCGGAAGATAGC  
CTTCGCCATCACTGCCATTAAGGGTGTGGGGCGAAGATATGCTCACGTGGTGTGAGGAAAGCAGACATC  
GACCTCACCAAGAGGGCAGGAGAGCTCACTGAGGATGAGGTGGAACGTGTGATCACCATTATGCAGAATC  
CACGCCAGTACAAGATCCAGACTGGTCTTGAACAGACAGAAGGACGTGAAGGATGGAATAACAGCCA  
GGTCTTGGCAATGGTCTGGACAACAAGCTCCGTGAAGACCTGGAGCGACTGAAGAAGATACGGGGCCAC  
AGAGGGCTGCGCCACTTCTGGGACTACGTGTCGAGGTGAGCACACTAAGACCACAGGCCGAGGGGCC  
GCACCGTGGGTGTCTAAGAAGAAATAAATCTGTAGGCTTTGTCTGTTAATAAATAGTTTATAC

>GBEQ1632 |Acc|BM780602|Ver|BM780602.1 GI:19128834|APL1\_4\_B09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:655  
TAGCTTAGTAATGTATAGTAATTTAATTTTTTTCAGTATTTTACTTATAATTGTGGAAAGACATGAAAGAT  
AAGAAGCACCAAAAATAAATTTGGCTAAAATATTTCTATTTTGGACTCTGTATTTGAAGTGAATTAGTTA  
TTTTATTTTCTTCTTTTAATAGGGTTACACATCATTTTGGAAATGACTGTATATCATCTGGATTACGTGGC  
TGTATGTTAATTGAATTAGCGTTGAGAGGAAGGTTACAACCTAGAGGCTTGTGGAATGAGGCGTAAAAGTC  
TATTGACAAGAAAGGTAAGAGGCGTGCTAAATAACATACCCTTTTTTTTTTTTTTAAAGATTTTGTTTTTT  
CCTTTTTCTCCCCAGGGCCCCCGGTGCATGTTTGTGATTCTTCGTTGTGGGTCCTTGTAGTTGTGGCA  
TGTGGGACGCTGCCTCAGCGTGGTCTGATGAGCGGTGCCGTGTCCGCGCCAGGATTCGAACCGGCGAAG  
CACTTGGCCGCTGCAGTGGAGCGCGGAACCTTAGCCACTCGGCCACGGGGCCAGCCCCTAAATAACATA  
CTCTTTTTTAAAGAGTTTGTGCTGCCTAAAAATGAAGTGTTCCTATTGATAGCTTTCAAAAATTAAAAAG  
AAGTTATTTAAAAA  
>GBEQ1633 |Acc|BM780597|Ver|BM780597.1 GI:19128829|APL1\_4\_B04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:52:Stop:622  
AGAGCCGCGACAAGGCCAAGCGCGCAACCAGGAGATGCAGCAGAAGCTGGTGGAGCTGTCTGCCGAGAA  
CGAGAAGCTGCACCAGCGCGTGGAGCAGCTCACGCGGGACCTGGCCGGCCTCCGGCAGTTCTTCAAGCAG  
CTGCCAGCCCGCCCTTCTGCGCGCCGCGGGGGCCGCGGACTGCCGGTAACGTGCGGCCCGGGCAGGAG  
AGACTACCAACGACCGATACCTCAGACCCGATGGGCCGAGCGGAGCGGCCCTGCCGGATGCCGCGAG  
GGCCGCCCCGCGCTCGGCTACAGTTTCTTTGGGACTTATGAGCGAAAGGAAGCTTCAGCCTGGACTTACCA  
CCCCTGAACCTTCGAGAAAAGCTATACGTGTTTATTTTCCCTTAAATTATTTTATAATGGTAGCTTTTTTC  
TACATCGTACTCTTATTGATGCAGCTAAGGTACATTTGTAAAAAACCACACTTTTCAGACAAACCCCT  
TTGTATTGTAGATAAAAAGACGGAGCATGCTCACTTTTTTGTATTATTTTACAGTATTTGTAAAGAATA  
AAGAAGCATTT  
>GBEQ1634 |Acc|BM780593|Ver|BM780593.1 GI:19128825|APL1\_4\_C05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:531  
GCACGAGGCCATCTGCGGTGCAACCGCCGCAAGATGCAGATTTTCGTGAAAACCTTACGGGGAAGACC  
ATCACTCTCGAGGTGGAACCCCTCAGATACAATAGAAAATGTAAAGGCTAAGATCCAGGATAAGGAAGGAA  
TTCTCTCTGATCAGCAAAGACTGATCTTTGCTGGCAAGCAACTGGAAGATGGACGTACTTTGTCTGACTA  
CAACATTCAAAGGAATCCACTCTTCATCTGTGTTGAGACTTCGTGGTGGTGCCTAAGAAAAGAAAGAAG  
AAGTCTTACACCACTCCCAAGAAGAATAAGCATAAGAGAAAGAGGTTAAGCTGGCTGTCTGAAGTACT  
ATAAGGTGGATGAGAATGGCAAAATCAGTCGCCCTTCGTGCGGAGTGCCCTTCAGATGAATGTGGTGTGG  
AGTTTTTATGGCTAGCCATTTTGACAGACATTATTGTGGCAAAATGTTGTCTGACCTATTGTTTCAACAA  
CCAGAAGACAAGTAATGGTATATGGATTATATAAAGACATG  
>GBEQ1635 |Acc|BM780592|Ver|BM780592.1 GI:19128824|APL1\_4\_C04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:91:Stop:666  
TGCCCTGGAGTCGTACGCGTTCAACATGAAGAGCGCTGTGGAGGATGAGGGGCTCAAGGGCAAGATCAGC  
GAGGCGGACAAGAAGAGGTGCTGGACAAATGCCAGGAGGTGATTTCTGGCTGGACGCCAACACTTTGG  
CCGAAAAGGACGAGTTTGAGCACAAGAGGAAGGAGTTGGAGCAGGTGTGTAACCTATCATCACTGGACT  
GTACCAGGGGGCGGCTGGCCCCGGGGCTGTTGGCTTTGGGGCTCAGGCTCCCAAGGGTGGCTCTGGGTCT  
GGCCCCACCATTGAGGAGGTGGATTAGGAATCCTTCCCCAATTGCTTGTGCTTGTATGGAGACGGTTG  
GGATTCAAGACTTTTTTATGCTTATATATCCGCCTTTTCATCAAGTTGTTTGCAAAGTTGAATTGTTTCT  
TGAAGTTATGAACCTTGCTGTTTTTCCAGAGTCTAAATGTAGAGATGACTTGATACTGTCACTTTTGCC  
CATTTCTTTTTTGTAACTACTACACAACTCGGGCTGTTTTTTTCTTTTTTATTCTAAGTAAATAAA  
CTCAGTAACCTCAGTG  
>GBEQ1636 |Acc|BM780588|Ver|BM780588.1 GI:19128820|APL1\_4\_B12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:8:Stop:655  
ACAGGGCTGCATCCTTGGAGGCTGTGAGCTATGCCATTGATGCTCTGAAAAGCCAGGGTGCCCATATGGAA  
AAAGGAAGTGTATGAAGAATCATCATCTTTGGAAAAGAAATAAAGAATGCTTTTGGGCAACCAATGAT  
TAAATCACAGTTTTTTAGAGCACTAACATTTAAATGTGTTAAACTTTGATCTTTGATCACATTTTGGTTT  
TTCTTCTCCGAAAGTGAAGATAGTTTATTGAAGCAATCTCTTATGTTCCACCTGTGGGACAAAAGGGA  
GAAAAAGCAAAATAAATGGGTGTTTAGAATGAGGACCTACGCAGAACTACAGGTGGAGGAAGAGCTTT  
AGAGAAGAAATGGAAGAATAATTTAAATGTGAGCAAGGATGCCTTTGGTAGACACATTATCCATGACTA  
CGTTCTAATTGTAACCTGCACATACTGAAGTGTGGCCCCCTTCTGCTGACTTTGTCTCAAAGAGAGCCTGC  
CCCCCATCCCCTGCCCCCAGATCCAGCGATGTCATAGTTATCAGGGATGCATTATGGGAATGTTGGTAG  
AACTGGAATGTATAAAAAATCATTAGAAGCCAGTTTGTATTTGATGTATTTTGAATTTATATATTTTT  
AAAAATAAATACTATT  
>GBEQ1637 |Acc|BM780585|Ver|BM780585.1 GI:19128817|APL1\_4\_D03.g1\_A005 Liver (APL1) Equus

caballus cDNA, mRNA sequence.:Start:45:Stop:556

CCGAGCCACCGTCCGGGCGGTGAGCAAGAGGAAGCTGCAGCCCACTAGGGCTGCCCTCACCCTGACACCT  
TCAGCAGTGAACAAGATAAAACAACCTCTTAAAGATAAGCCTGAACATGTAGGTGTGAAAGTTGGTGTAC  
GAACTAGGGGTGTGAATGGCCTCTCATATACTCTAGAATATACGAAGACAAAAGGAGATTCTGATGAAGA  
AGTCGTTCAAGACGGAGTCAGAGTGTTCATCGAAAAGAAAGCACAGCTAACACTTTTAGGAACAGAAATG  
GACTATGTTGAAGACAAATTATCCAGTGAGTTTGTTCATAAACCACAAACATCAAAGGAACGTGTGGCT  
GTGGAGAAAAGCTTTAATATTTGACCCCTCGGGAGTGCCTGACTGTAAGCCCCGGGAAAGCTGTGGAAGT  
CCCCGGACTTACTGAAGAGATCATGTGATTGTACGTGCTTAAGGTGTGTAACTATGGCTGCCTTACGA  
GGACAATAAAGTGTGCATTTTG

>GBEQ1638 |Acc|BM780583|Ver|BM780583.1 GI:19128815|APL1\_4\_D01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:514

GGCGCCTGGTCCAACGTGCTCAGGGGCATGGGGGGCGCCTTCGTGCTGGTCTGTACGACGAGCTGAAGA  
AGGTTCATCTAGGCGCCGGCCCGCCCGCCCGGACACGGGACCAACAGCAGCGCTACAATGCCTAA  
CTCCTAACGGACCATATCTTCCAGAAATCCACTGTCTCGTCCCGGCCGACCCGAGGAGCGAGCG  
CCGGGACCGGGCTCTAGACGGGGCTCCTCGTGGTCGAGACCATCGGCACGCCGGTGCCATGCATCGGTGT  
TTGGGGTGGGGAGAGGGCAATCCTGCCGTTTGCATGGGTCCACGGCCAGGCAGCTCCGACGCACGGCCC  
CGGGTCCAGGTGCTGTGGGACCCGCGTGTGTTTAAAGTATTTATTTAAACAAAGGAATCATGTCTCCCAT  
TTGTACTTAAGCACTATCTTTTTGCACAGCCGACTATCTGCGATTATGTTCTGTGTTGGGCGTTCTGCT  
GCAAAAGAATAAAACCGGGACCC

>GBEQ1639 |Acc|BM780582|Ver|BM780582.1 GI:19128814|APL1\_4\_C12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:644

GGGGGGCTTGAGATACTCCTTTTTAACTCTGAGCAGCCAGTTCAAACCGAAACCACTGGCGGACGAAGAA  
AGCATCCCTCCGGATTGGAAGGGCTAGAACTCTGGGACAGAATTGCAGACTGACTGGCAGACTGGGGCCGG  
GGAGGAGGGTGGGGCCGGGCCAACCAGGCGCGGGAGTGTGAAGCCTGGTGTGTTGGTCTGGGAGCCCC  
CCCACGGGCCCCGACCCGTTAAAGCATGAACAGGAGTGTGTCTGCAAAACACGGGGAGAATCTACCTCAC  
AGGCCGCGGGCCCCGATCCACCGCCACCCGCGGAAGCGTGGGCAGCGCCTCCCCCGCCGACGGCGCGTCT  
CTCGGCACCGGCGCGCTCCGCGCGCGCGCTTGAGAGGGGCGGAGGGGTGATGCTGGGATGGCCTTTA  
TTTCCTTCTTGGCACCTTGGCCTTCGTTTCAAAGCTCCCAGCCAAAGCGACGTGCCAGTGTGAACACTTT  
TTCCGGCTTAAACAGACGTCTTCATTTTAAATAAATCAGTCAATTAAGTCTAGTAAAGTTATTTGTTAGC  
TTTGATTTGATCTTATATGTTGGTATCTTTTCCCCAATCATCAAAATAAAATAAAGAATAATTTAAAAAA  
AAAAAAAAAAAA

>GBEQ1640 |Acc|BM780580|Ver|BM780580.1 GI:19128812|APL1\_4\_C10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:24:Stop:601

AGACCCACCTCAATGCAAAGACCCTAAAGGAAAAATGCGGACCCCTCCACCGATCGACAATGGAGACATT  
ACCACATCTCCCTCCGATTTGAGAGGCTAGAACTCCAGGATCAACAGTTGAGTACCAATGCCAGTCGCTCCACCAAC  
TTCAGGGAAACAGGATTATAACATGTAGGAATGGAGAGTGGACCAAAACCAAAATGCTTAGATGCATG  
TGTAATATCAGAAGAAAAGATGGAAAAACATAACATAGAATACGATGGAGGGGGGAGAAAAAATTTTAT  
TCTGAAACAGGGGATGTTGTTGAATTTGCGTGTAAACCTGGATATCGTGCAAAGAGAGATTCCGCAGAAT  
TTCGAGCAACCTGTGCGGAAGGAAAACTGGAGTATCCCACTGTGAAAGACAGAGATTTAACACGCGTTC  
GTAAAAATCCTCATGTGTGCATTCAATCAGAATTTGTCAATTATTAATCAATTCTTCTCAAGTCATTCTT  
CAAGCATTGTTTAACTCATTTTGACTCATACATCAGAATTTGTGTTAAATATTACGTAGACAATGTTAGA  
CACTAATGAATCACTTCT

>GBEQ1641 |Acc|BM780575|Ver|BM780575.1 GI:19128807|APL1\_4\_D10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:13:Stop:629

TTCTGCTTTTCACTGTTATCTGTTCCGTCCTTTCTGTAAATTACCATGGGCCCCCTTCCCTCAATTCTTT  
TCAACCATGCCCCATTGAACTCTCTCGTTTATCTGAGTCTGTGGGTACCACCAAACTACCTGGAACCCAT  
CTCAAAATCTTTCTTTCTGTCTGCTCAGCACTGGCCAGGTGAGTTTCTTTCTGAGCTCTGCTGCTTTT  
CTGAAAAAGAAGGAAGCCATGGGAAACAGACATGGCATATAACTGATTGTGAGCTGAGGAGAAAATGTAGC  
TGGCTGCCTACTCTGTGCTGTGAGGGGTCTTGTGAGGTTCCAGGTGAGAGGCCAGACCGTGTGAGCCA  
GCCAGGAGGGTGTGGGTCCACGCAGTACGCAGTCCCTGCCCGTGTGGGTGCCCATGCTGCGGACTGG  
CTCAATTTGAGTCACAGTTGCTATTGTAGATTTATTTTATATTAGTTAATGAACATACTTGCCATAATA  
AAATTGTCACCGATTGAAAAGCTCATCACTTCTTTGGTTCTTTATGTATAGTTCAACCAAAATCTGTTTT  
GTGCTCTTTCTTCACTTCTTAGGCTGAATTTGTTGGATCATATTAATAAATAAAT

>GBEQ1642 |Acc|BM780574|Ver|BM780574.1 GI:19128806|APL1\_4\_D09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:39:Stop:585

TCTTGCTGGGTCAAAATGCTGCAGAAAGAAGTAATAGAAAGCGGAGAACTGCTGTGACAGATGTGGAG  
TCAGAAACTGCTACCTTCACAAAACATGTAAATTTAACCACATTAACCTGCTTTGTTCAAAGCCAAA



AAAAAAAAAAAAAACTCGAGACTAGTTCTCGGTGAGCGTTGCTCGTGCCTCTGTCTCCGGACTCCAGCC  
ACCGCTCAGTGCACCATGGACCCCACTGCTCCTGCGTCGCCGTTGAATCCTGCACCTGCGCCGGCTCC  
TGCAAATGCAACAGTGCAGATGCGCCTCCTGCAAGAAGAGCTGCTGCTCCTGCTGCCCCGTGGGCTGTG  
CCAAGTGTGCCCAGGGCTGCGTCTGCAAAGGGGCATCGGACAAGTGCAGCTGCTGCGCCTGATGTTGAGG  
AGAGCCTGCTCCCCATGTAAATAGAGCGACATGTACAAACCTGCATTTTTTTTACACACGCGCTGACCCA  
ATTGCTGCATCCCCTTTTCTATGAAATATGTGAATGACAATAAAAGTTATTGACCTT  
>GBEQ1643 |Acc|BM780573|Ver|BM780573.1 GI:19128805|APL1\_4\_D08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:605  
ACAACATCCGGACCAAGGATAATGAGCTACTAATTTATAAAGACAAAGTCGGACAGTATGCTTTACACAT  
TGGAGGACAAAAGTTATTGCCAAAGCTATCGAGCAGTTCCCCAGCCCTGTGCACATCTGCACTAGCTGG  
GAGTCTTCCCTCGGGCATTTGCTGAATTTTGGGTCAATGGGAAGCCGCTGGTGAAAAAGGGCTGAAGCAGG  
GTTATTCTGTGGGAGTTAACCCCAAGATTGTCTGGGACAGGAGCAGGATTCTATGGAGGAGGGTTCAA  
TCAGAACCAGTCCCTTTGTGGGAGAGATTGGAGATTGTACATGTGGGACTCTGTGCTGTCTCCAGAAGAG  
ATTCTGTCTGTGTATAAGGGTTCCCCCTCAATCCCAATATCCTGGACTGGCGGGCTCTGAGCTATGAGG  
TAGAAGGATATGTTGTCTATCAAGCCCTGGTGTGGCACTGAGGTCTTGAACCAACAAAACCACTTGAAAA  
TGAAATAATCAACATCCGAGAGATCTGCTAAAGGCAACTGGATACTAGATCCTATATCCGTAGCTCTTTT  
TCTTTAATTTCTGTTTACATGTGTGCCTAATAAAAAAATACAT  
>GBEQ1644 |Acc|BM780572|Ver|BM780572.1 GI:19128804|APL1\_4\_D07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:20:Stop:629  
GTGGAGGCCGCGCTGCTCCCAGAGACCCTGAGGAGGTGGCGAGCTTCTCTGCGGATGAGGTGGATAGATG  
AATTATACCTGCCAAAGTTTTCCATCTCCAGCAACTATGAGCTGGAAACCATACTCAGCCAGCTGGGCAT  
TGAGAAAGTCTTACCACCAAGGCTGACCTGTGAGGGGTACAGGAACCCCTAACCTGTACGTTACCCAG  
GTGGTCCATAGCACTGTGCTTGATGTGGCCGAGGAGGCGACGGAAGCAGCTGCTGCCACAGGAATCAACA  
TTGCTTTCTCGTCCGGAGTAATGAACCCCTTTGATAGTGGATTTCACAGGCCCTTTCTGTTATTTATAAT  
CAGCAAAGATACCCAAAGCATCTCTTCCGGGGGCAAGTTGTGGATCCAGTCAAGCCCCCTCAGTAAGGA  
CGGGGCTGCCGGGTCTCTGGGTACAGCCTGGCCTCTGTGCTCCAAGGAGCTAGTGTGCTGGCCCTGCC  
TGCTCATCCTTGGAAGGTTGACGATGACTCTGCCTGGAGTCTCCACGTGCACAGGGAGCCTGTGTCTGT  
TTCAGTTGGAGACCCTGAGACCTCTCGACAGCAATAAACCATCTTCCTTC  
>GBEQ1645 |Acc|BM780570|Ver|BM780570.1 GI:19128802|APL1\_4\_D05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:28:Stop:632  
ACACCTCATAGCCATGAAACTGAGCAAAAAGACTCGGACTTCTTGCTGGATTGCTTTCTTACAGGAG  
TTGGCCTTGGTCTGCCCTGGAGTTGTGCATTGCCATCAACCCAGTATCCTTCCCACTGCCTTTCTGGG  
CACAGCAATGATCTTACCTGCTTTACCCTGAGTGCACCTATGCCAGGCGCCGTAGCTACCTCTTTCTG  
GGAGGTATCTTGATGTGACGATGAGCCTGATGCTTGTCTCCCTGGGGAACCTTTTCTTCCGATCTA  
TTTGGCTTTTCCAGGCAAACTATATGTGGGGCTGGTGGTGCATGTGTGGCTTTGTCTCTTTGATACTCA  
ACTCATTATTGAAAAAGCTGAAAATGGAGATAAGGATTATATCTGGCACTGCGTGGACCTCTTCTTAGAT  
TTTGTACTCTCTCAGAAAACCTCATGATGATCCTGGCTATGAATGAGAAGGATAAGAAGAAAGAGAAGA  
AGTGAAATGACCATCCAGCCTTTCCCATTTGACTTCTCTCCATCACCCCTCATTTTCTCTTTGCACAC  
ATTACAGGTGGCGTGTGATAATGAAAAGCATCAGAAAAGCTTTTT  
>GBEQ1646 |Acc|BM780568|Ver|BM780568.1 GI:19128800|APL1\_4\_E08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:5:Stop:608  
GCCTTTCTATGTGGAAGTATACCTGGCTTTTTAAATATATATTTAAACACCAACAAAAAAGCAA  
CAGTAATCTGTGTGTTTCTGTAACAAATTGGGATCTGTCTTGGCATTAAACCATATCATGGACAAAATG  
TGCCATACTAATGATGAGCATTTAGTACAATTTGAGGTTGAAACCGAGTACGACACTATGTTCTAGATGG  
GTCAGTCTTAACAGTTTGCCTGCTGTGTTGTAGTAGCCATTTCTCTGGACTGTTCAAGCAAAAAAGGTA  
ACTAATCCTTCTCTCTTTTCGCACTTACTTGGAAATTTTAGTTATAGTGTAACTGGCATGGATTAAAT  
AGAGTTGGAGTTTTTATTTTTTAAGAAAAATTCACATGCTAACTTCCATTTAATCCATTACCCTTTATTTTA  
TTGAAATGTATAATTAACCTAACTGAAGAAAAGATTCTTGGGAGTATGTTGTATACATTTAAAAAGAT  
TTCCATTCAATTAACCTAAATTAATGTTTATGTTGATCTGCATATTTCTGTATATTTGTCATGACAGTG  
CTTGATCCTATTTGATGTACTGAGCAATAAACTTTCCATTT  
>GBEQ1647 |Acc|BM780567|Ver|BM780567.1 GI:19128799|APL1\_4\_E07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:27:Stop:654  
GGGAATGCATTCAAGAAAGAAGAACAAGGCCAGTTTACGATGTACACCACCACCTACGAGCTGAAGGAAG  
ACCACAGCTACAACGTCACCTCCATCCTGCTCAGGGACCAGAACTGTGACCACTGGATCAGAACTTTTAT  
CCCAAGTTCCAGCCCGCCAGTTCAACTTGGGTGACATTAACGTTACTTTGGAGTGCAGAGCTATATC  
GTGCGCGTGGCGGACACCGACTACAACAGTTTGCATCGTGTCTTTCAGGAAGGTTTACAAAAACCAGG  
AGTACTTCAAGACCCTCTCTATAGGAGGACCAAGGAGCTGACCCCTGAAGTGGGAGAAATTCATCAG

CTTCGCGAAATCCCTGGGCCTCACCGATGATCATATCATCTTCCCGGTCCCTATTGATCAATGCATCGAT  
GAAGAGTGAGCGCGCAGTGCCTTCTGTCTCTCTGCCCCGTACCCCTCATGTGAGCCCCCTGCCAGGGCA  
CTGCCCTCAGCTGCCCAACACAGCCCGGACACCACTGAGAGAGCCAAGGGACCCCTCCCGAAGCACAGCCC  
ACCAGCTGCTCCCCAGGCCACCTACTGCTGGAGCCCCCTCCTTTCTGCTAAATAAACACAAGCCCC  
>GBEQ1648 |Acc|BM780566|Ver|BM780566.1 GI:19128798|APL1\_4\_E06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:9:Stop:555  
TTTGTAAACAATGTCATTCCACCCACCACTGACGATGGGTGAGCTATACCAGGAACACCATGAAGAAG  
ACTTCTTTCTATACATTGCCCTACAGTGATGAAAGTGTCTACGGTCTGTGAAGCTGCTGCCCCCTGAGCTGG  
GGGGTCCCATTCTACAAAGAGAGAGGTGGCCTCCCTTCCTTGAACACTTTTCTCCTCCAGGCTCAAAC  
ACCACCTCCCTTCTCAGGACCTGCACCTTCTTAATGTTGAGGCTCTCCTCCAGCCCCGTCTTAGCAGGAG  
GGTTGATGGGGGAGATGGCCTCTAGTACCTCTCCTTTCTCCTTTCTTCCCTTTCTCTACCACCTTTTCC  
ACTCTGCTTTAACTTCTTGATTGTCAATCTCTATCACATCCAGTGATTGTTTGGTTTTCTGTTCCCTTT  
CTAACTGCCCCAAGGGGCTCAGAACCCCAACAATCCCTTCCCTTCTACTACCTTCTTTTGTGGGTAGATG  
GAAGGGACTGAATTGTGGGGGGAAGGTAGGAGGCACATCAATAAAGAGGAAACCCCC  
>GBEQ1649 |Acc|BM780565|Ver|BM780565.1 GI:19128797|APL1\_4\_E04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:462  
GCACGAGGGGCGAGATCCTAGGCAAGCTGGAATAGATTCTCTTCTCCGAAAGATTTATGAGATTTATTCAG  
ACTTTGCCCTCAAGAATCCTTTCTACTCCCTGGAAATGCCAATCAGGTGTGAGCTGTTTGACCAGAACCT  
GAAGTTAGCCCTGGAGGTGGCAGAGAAGGCTGGAACCTTTGGACCTGGGTGATAGGCTGAACCTGCAATG  
GACACCCCAATCTGAGAGATCCTGCAGCAAGGGTCTGCTGTTTCCACTCTGATGGAGATTCCAGCAG  
CCTTGTTAGTGCACTTGAAAATGGGAGGATGACGAGCCTGATGACATGTACTGATCCCCGAGCCTTAATA  
CTTTGCTCTCTTCCCTCCTGTATCTATCATGGTCCCTACTTCCCAACTCTGTACAGATTTATTTATGGAGG  
AGGTAGGCCCATAAATGCTGTAATAAACATTCCTTTGATCTC  
>GBEQ1650 |Acc|BM780561|Ver|BM780561.1 GI:19128793|APL1\_4\_F03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:68:Stop:541  
TGTTCCGTGGCATTTCCTTCCCTCTCCGCTCACCCTCTCCCTGCCCTCTAACCTCCTTTTGCTGAA  
TGGGGCGGCACCACTGACATTCCTGGGCAATGTGGGCGTAGCTGCCAAGTTCCTGTCTACTGCCTTTTG  
ATTTTCATTTTGGCTAACCAAGGATCTTATAGGAAGTTTGATCAGAGCGCATGGAACATTGTGAATCAGC  
CGCTAGGGCCTGGTGATTTCCGGGACCTTAAGTGGGTAGAGGAAGTAGTCAAGCCTTCTAGGAGGCTTG  
AGGGGCAATGACTCGGTTTACCTGCCACGTACCACCTGGGAGACTTTCCCTGGCTTCTGCAGAAAGGTCA  
GGGCTCAGGGCAGGAGCGGCTGAATTGAGACAAGAACTGTTGTGTACAAGTCTTCCAGAAGATTTCT  
TAATGAAATATTTGTATTTATTTCCAGACCCAATAAATTTGTAACCTTTGCAGTG  
>GBEQ1651 |Acc|BM780560|Ver|BM780560.1 GI:19128792|APL1\_4\_F02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:62:Stop:647  
TGGTTAGTTACTTAAGTCCCTTACTGGTAACGTATTGATGGCCAGCTAGTTTATGTAGATTGCCTA  
GTTACCTGTGTCTTGATCATGTCTTCAATGGGAAAAGGAAACACTCTTCTTTCTTAGTCTTACTTGAA  
CCTTTGTGTACAGCAGAGTAGTACAAACATCGAAAGCTTCTGATCAAGGGTCTGAAATTTTCTTCATGA  
ATTTCTTTGTATTAACTGAATTTTCTGTAAGGTAACAAAGATCATAGTTTAAAGTTGTTAGCATCAGG  
GGTCTAATTTAACTCTTGCAATGGATGTATATGTGATTGAAACAAACGTGAATCATATTTTAAACATGG  
TGGCAAAGTGACTTAAGTATCATGCATGGTCCCCATTCCCTGAGATTTATAGTTTATATAGATATTTTAC  
TTATTTTGTAGCTGACTTAATGTCTACATATTTCTAGATATTGATTGGGTGTAATTATGAAGGATAT  
TTATTGAATCCAGGTATTACATTTTGAAATCATTGTAGTTATTTTCTTCTGAAGTGCTCAATAGAAAG  
TATATAATAAAAAATAAACATATTTT  
>GBEQ1652 |Acc|BM780552|Ver|BM780552.1 GI:19128784|APL1\_4\_F12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:489  
GCACGAGGGCGGCGACGAATACCACTACCGCTGCTGGGTGCAGCACGCGGGGCTGGCACAGCCCCTCACTG  
TGGAGCTGGAATCACCAGCCAACTCCCGATGCAAGTGGTTGGAATCGTCGTCGCGCTTACTGCTCTT  
GGTGCTAGCTGCAGGAGGAGCGCTGCTGTGGTGGAGGATGAGGAAGGGGCTGCCAGCCCCTGGATCTCT  
CTCCGTGGAGACGATATAGGGGGCCCTCCTGCCTGCTCCTGGCCTGCCAAGGATGCTGACTCTTAGGATC  
TAAATGCAATCCAGCAACTTCTTGACCCCTCCCCAGCCTGGCTGCCACCAGCTAATGTAGTCAGGT  
TCCTTTCATGCTGTGAGACCTCCTGGAATCCTGGTATTTCTGAGCCTCCAGAAGGAGTCTGAGCCCCGAC  
GTCTCCTCTGATTTCTACTCCTGTGGTCTGCCTCAGTTTCTCTCCTGATATGTATGGCTCTCTT  
>GBEQ1653 |Acc|BM780549|Ver|BM780549.1 GI:19128781|APL1\_4\_F09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:3:Stop:622  
GGCTTTGCTAGCAATAACTGACCTTCAGTTTACCTTCTGAGGAGCAGGAACCTGGCACAGAATTCAGT  
TTAAACGGGGCTGAAGGAGTGTTTCTCCTTTATGTGAAAAGAAAATCATTTTACTCTTCAATTTGACTTT  
TTGACTGTTGGGCTCACTTCCAGTTAGTTTGAATGAAAGTACTAATTTTCTACTTGGAGTTGAGGAGGGC



AGGACATCAGTTTTTCATCAGTGTGATGTGCGGTGTGTCTGCCTTCCGGTTAGACGTCATTGCCATGAAGT  
TCCTGCTGGGCTTCGTGGAACACTGTTTTGTTTTCTGATGATACCCAGACTTCAGGAGCCAAGATGACCA  
CGCAGCCAAAACCTCTTAAGTTTTATGCTTAAGGACAAATGATTGATCATAAAAGTTATATTCCTTCATA  
CTAAATTGGGAAAAATGTTTTATTTCTAGTATTACAGAACTGCGAAGTAGGAAAAGGTTGATATGGAAA  
CAATCCCTTTCCCTTCCATGTACATAGTTCAAATCTTTCTTTGTTACATTTAAACTATATCCGTGTA  
TGTCAGTCAATGTTTGGACTCCTCTGCTAGTGTTACAGATGGAATAAAACCATTAATTTG  
>GBEQ1654 |Acc|BM780548|Ver|BM780548.1 GI:19128780|APL1\_4\_F08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:501  
GCACGAGGGGAAAGTGCAGCTAGGAGTCTACAGTCAATGAATGCCTTTTTTCAGGGATTAATGCTTTTTG  
GAAGAGGAACATCGGGATGCTGAGGCTTTGGCTGAAATTCCTTGAAACTTGTAATCAATCACATATT  
CTTTAGAAAATAAGACCTACTCATCCGTGAGAACAGAAGCTTTATCTGTGATAGAATTACTGCTTAAAAA  
ACTTGAAGAATCTAAACAGTGGGAAAGTTTGACATCTGAATGCAGAGTGCTCCTGATTGAGTCTTTAGCA  
ACTATGGAGACAGACAGACCTGAGCTGCAGGAGAAAGCGTCATTACTGAAGAAAACACTTGAAAATC  
TGAATAAATTAGAGGGGAAAGAAACAACAAGATGCTCATGTTTATTGGGGGTTGAAATGGTAGTATTCTT  
TGAAAAACCAAGTGGGAAAAGTAAAGATAAATCTGTAGCATGCATCATTCCTTGGCTGAAATAAAAAA  
AAAAATGCCTT  
>GBEQ1655 |Acc|BM780547|Ver|BM780547.1 GI:19128779|APL1\_4\_F07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:15:Stop:548  
ACCTATGAGATGATCAAGGAGGAGCATGAGGTGTCCGTGCTGGGGGCACCCCGGAGCTCAGGTCCCGTGA  
CGACCACCGTGATCAACATCCGAGTGACACCTCCGTGCCCGACCATCATCGTTTGGTCCCTGTTCAATAG  
CATCTTCATGAACCTGGTGCTGCCTGGGCTTCGTGGCTTTCGCCTACTCTGTGAAGTTTAGGGACCGGAAG  
ATGGTGGGCGACGTGACTGGGGCCAGAGCTATGCGTCCACCGCAAGTGCTGAACATTTGGGCCCTGG  
TTTTGGGCTCTTTTTGAGCATCGGATTCATCGTGGGGGTTGTCTGCCTGATAATTTTCATGGGACAATA  
AAGGGCCTGCAGGAGGCGAGAGGCTACTTTTACCTGCCCATTTGCCCGGCCCGTCCCCACCATAGCCTG  
CTGGCCAGCATCCTGGGGCTTTGGCCCTGCCTCCCTGCCCATACCTTTTATACAGCAGTTTGTGCAGA  
CACACCTGTTTACACCTGGATTCAATAAAGTGCAGTTGCCCGT  
>GBEQ1656 |Acc|BM780546|Ver|BM780546.1 GI:19128778|APL1\_4\_G03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:468  
GGGGCCCCATTTTTAAAGAGGGTGCCCTCAGAAGAGGAGATCAATCTCAGCAAGATAACGATGGGCTTCG  
CGGCACTTTTGCTCGACTGGGGACCCAGTGGTGAGGGGCTGCCCACTGGCCAGCATTCGACACAGAA  
TGAAGGGTACCTGAAGATTGGCATCCCCACCCAGGCAGCCAGAGCTGAAAGACAAGGAAGTGGCTTTC  
TGGACCGAGCTCCTGGCCAGAAAGGCAGTGAAGAGCCACCCAGACAGAACTGAGCTGTGAACAGGA  
AGCCCCGGCTGGATTTGGAGTCCGGGGAGAACCCACAGAGGTATTCTACAGAGGGTGTATATGGGCCAA  
AGAGCATATATTGTGGATGCTTGGAAATTTGCTGGTGGGAGTAGAGAGAGGGTGAGGAGGGAGAATTTCT  
TGTATCTGTGGCTCAATTTGGGGAATAAATGTGTTTTTTTTGGAG  
>GBEQ1657 |Acc|BM780538|Ver|BM780538.1 GI:19128770|APL1\_4\_H07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:413  
GCACGAGGGCCAAACAGGTGGCTCAGCAGGAAGCGGAGAGGGCCAGATTTGTGGTGGAGAAGGCTGAGCA  
GCAGAAGAAGCGGCCATCATCTCTGCTGAGGGTGACTCCAAGGCAGCCGAGCTGATCGCCAACTCGCTC  
GCCACTGCGGGCGACGGCCTGATCGAGCTGCGCAAGCTGGAAGCCGCGAGGACATCGCGTACCAGCTGT  
CGCGCTCTCGGAACATCACCTACCTGCCTTCCGGGCAGTCAGTGCTCCTCCAGCTGCCCCAGTGAGGCTT  
GCCCTGCCCTGCACCTCCTTGGGCCACAGCCCCGATGATTCTTAGCACCACTTCCTTCTGCCCCCACC  
CAGAAATCACTGTGAAGTTTCATGATTGGCTTAAAGTGAAGGAAATAAAGCAAAGTCACTTC  
>GBEQ1658 |Acc|BM780533|Ver|BM780533.1 GI:19128765|APL1\_4\_H02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:74:Stop:589  
CACTGTACTTGAATTGCATTAACCTAAAAAACACGTTTTGTTATTTTGTATCTCTTAAAGAAATTCGCTG  
GAATTTCACTATTTTTTCCAATGACAGAAAAGCAGGCTTATAAAAAATATTCAGAATGTTCCAAAATTTAC  
ATTGAGAAAATACTATAGGATTTGGATGCTATCAGATAACTTGCCAGTGACTTTGAATACTTAATGGTAT  
TGTATTAGAGGAGTTCATTTTACTACAATTTGGAAAGCGTTTGTTTTTAGTTTTGTACAGTAATAGTAAA  
AAGTTTTGATTTTCTTCTTATTATACAGTGACCAAGTAACTTGAAAAGTTACTTGTTTAATTTT  
GAGCCTGCATTTTCACTTGCCTTATTTAATATAAATCAATAAAATTTGCCTTAAATTACTTTTATTACTCT  
ATTGGCTCTGGGTAGCCTTTGGTCTGTTGAACACAATATCATTCATGTACCTGCGTTTTACAAAGAAAC  
TTAAATAAAATCATCTGTTCACTGCT  
>GBEQ1659 |Acc|BM780519|Ver|BM780519.1 GI:19128751|APL1\_3\_A07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:8:Stop:623  
GGCCATCCTGAAGAAGCTGGAGATGACCAAGATCCAGCCTACTCTCCTGATGATTCCCCGAATCAAAGTA  
AAGAGTAGCCAGGACATGCTGACAATCATGGAGAAGCTAGAATTCTTTGACTTTAGTTACGACCTCAACC

TGTGCAGGATGACTGAGGACCCGGATCTTCAGGTTTCTGCGATGCAGCACCAGATCACGCTGGAGCTGAT  
GGAGTCCGGGGTGGAGGCGGCTGCAGCCACGGCTGTGTCTGTGGCCCGCAATTTGCTGATCTTCCATGTG  
GATCAGCCCTTCTCTTCGTGCTCTGGGACCAGCAGCACAAAGTCCCTGTCTTCATGGGCGAGTGTATG  
ACCCCATGGCCTAAGACCTGCAGAGGACCGGGCAAGGGCAAGCCCTACCCCTCAAACCTCAGCTCTCCAC  
TTGCAGCCCTGCTGCTGCCTGCCTGGGCTTGCCCCAGCCACCTTGCACCTTGGGTCTTTGCCCTCCAC  
CTGAAGGGTCCCTCAGGGTCTTGTGAAAGGACCTGCTTTTGTTCATCCCTGTGACTCTTTAAATCACTCT  
CTGCAACTTTGTCTGGTACAAGTACACCAGACTCTACAAATAAAACCTGGCAGACC  
>GBEQ1660 |Acc|BM780518|Ver|BM780518.1 GI:19128750|APL1\_3\_A06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:46:Stop:621  
TTTATTACAAAACGAAATGTCTCATGCCCTTTTTATGTGTACCATATTTAAATTTGATCTCATACACTA  
GAATTCAGATCATGAATGGCTGATAGAATATTTCTGTTGAACAGTCTCTGATTTAAATAAGATTGGCTTGT  
GGCTAAATGGATACAATAAGCTTTTTGAATTTTGGTAGTAATCTGGTTTCAGCAAGTTATCCGTTTTCCC  
CTTCTAAAGATGTGATGGAATTTGATTGGTGTGTTTCACTTTTTCACAGAGATGTTGAATGCCATCTCAG  
AACCTGTAGGATTTGGTTCTATATTTAGATTTATATACTGGTTATAGTAATATATTTAAATACTGAGG  
CAATCACTGTCTCAGAACAGAGCAAGACTCACCTGTTTCAAGTTTGTTCATTAGCCTGTAAAGGCAAG  
GGCTGAAGATAAGCTGGCAGTGTCACTTTATCTTTTTGGTCTTAAGTATGCCAATTCAATTAAGTCC  
CTGTGTCCAAAATGTTGCCCTTTTACTTAATGAAAGGCATTTTAGTGTGTTTTATGTGAAATATCAAATAA  
AGAGTATTTAACACTT  
>GBEQ1661 |Acc|BM780513|Ver|BM780513.1 GI:19128745|APL1\_3\_B04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:522  
CTTCCCTAGTTTTCCTCAACTTGGGACCTAATAGAAGCAGTCTCTTTTCAGCTCTCTGGGCCCAAGGCAGAG  
AAGATGAACAGAGGAGGCTACTGCCCTCTGCCTCCGTGTTCACTGTCCCTTGTGCTGATGTGTCTCCCAGC  
CTATCACCTTGGGAGCCTAACATGCCAGAATAGCTCAACTGAGTAATTGTGCTCGGAATGGCATCTGTTG  
AGAACCTCTATGCCTCCACCTTACATGTGTTAGCTCTTTTATTCCTCCCTGTGTCTATCCCCATTTGACA  
GAGAAGAAAATAAGGGCGGAGAAAGTTAAATAGGCTGCCCAAGGTCGTGCAGTTAGTAAGTAGCAGGAC  
AGGACTTGAGCCAGGCTCTCTGCTCTGAAGACCGTGCCTGAGTTTCTACACTAAAGAGTGTCTATTAGG  
GTCCCAGGTGTGCTTGGTTGTTAATCTCCGCCCTCGGGGTGTACTGTGTTCTGGAAGGGTTGGGAGCAC  
TGCTTTATGATAAAAATGAAATGCATTTT  
>GBEQ1662 |Acc|BM780511|Ver|BM780511.1 GI:19128743|APL1\_3\_B02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:441  
GCACGAGGAGCGCGGCTGTCGCGCGGCTGTGTAAGCCATGGCCAAGATTAAGGCTCGAGACCTTCGCGGC  
AAGAAGAAGGAAGAGCTGCTGAAACAGCTGGACGACCTGAAGGTGGAGCTGTCCCAGCTGCGCGTCGCCA  
AAGTGAAGTGGCGGCGCGGCTCCAGCTCTCCAAGATCCGAGTTGTTTCGCAATCCATCGCCCGTGTCTCT  
CACCGTCAATTAACAGACTCAGAAAGAGAACCTTAGGAAATCTACAAGGGCAAGAAGTACAAGCCCCCTG  
GATCTGCGGCCCCAAGAAAACAGTGCCTGCGCCCGGCTCAACAAGCAGCAAGAGAACCTGAAGACCA  
AGAAGCAGCAGCGGAAGGAGCGGCTGTACCCGCTGCGGAAGTACGCGGTCAAGGCCTGAGAGTCGCCGCC  
TCAATAAAACACACAACTGG  
>GBEQ1663 |Acc|BM780495|Ver|BM780495.1 GI:19128727|APL1\_3\_C05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:548  
CGGACTGGTATTTGCATCTGAGGCTGGCCCCGCGGCGCTGGTGAATCCAAGTGTCTCTGATGGTCAAA  
GTCCTTGATGCTGTCCGAGGCAGTCTGCTGCCAACGTGGATGTGAAAGTGTTCAAAAGGCTGCTGATG  
AGACCTGGGAAGTGTTCGCTCTGGGAAAACAGTGAATTTGGGGAGCTTCATGGGCTCACAAGTACGCA  
GAAATTCGTAGAAGGGATATACAAAGTGAATTAGACACCAAGTCTACTGGCAGTCACTCGGCATTTCC  
CCTTTCCACGAATATGCGGAGGTGGTGTTCACAGCAACGACTCTGGCCCCCGCGCTACACCATCGCTG  
CTCTGCTCAGTCCCTACTCTACTCCACCACAGCCCTCGTCAGCAACCCCAAGGAATGAGGGCCCCCTCT  
TCAGTCTACTTGAAGAAGGAGGACCGGATTTTCATGTAACCAATAGGATTCATTTTTATTAAAGCAGTG  
TTTTTCAGTTCAAGGATATGTCCAAAACGTGGGCGGAGACAATAAAACATTCTATT  
>GBEQ1664 |Acc|BM780475|Ver|BM780475.1 GI:19128722|APL1\_3\_D03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:101:Stop:620  
AATCTTACATTAATAAAGTCAAGATATCCAAATAGAAGACATCTCTATATCATGTGGTTTCCAGCCATT  
TCTCCAGTGGCAGTGCATTTCTCAGGAGGCCCCGCGCTGACGAGAGCTCCCTTGCTTACCTGGACAAA  
GAGTGTGCCTTCAGGACACAGTTGTGCTGCTAGAAAACATCACAGCTGTTTCTCAGCCACACCCCCG  
GCTTCTGTCATATGGCCGTTTTTCCAGACCTGTGGAGACTGTTACTGTTCTTTCTGCAAGGACTGACCTCT  
TTTTCAGCTCAATTTCTGTGTAGGATTAATGAGACAATATGGGTAGGGGCTCTTTATGAGCAGTGCAGT  
GCTATGCAAGTGTGACAGTGGTATATAGACTGTGTGATCCCTTGTCTTCTGAATGGAGTGTGCTT  
GGAGACAAATACTGCTCCCTCTCTGTTTCTGTTATGGGTATGTGGGGGATGAGTGTGTGTGGAGGGCA  
GAGCTCCAATTAAGTTATTGGATATTTCC

>GBEQ1665 |Acc|BM780469|Ver|BM780469.1 GI:19128716|APL1\_3\_E01.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:60:Stop:540  
CTGTGGATCCCTTTGTGTCAGGAAGGTAGGTAGGTTATTCCTAAGTTGGCTGGGGCACCTCCACATTTGT  
TTACCAGAGAGGGAGGGACAGGAGGGATGGGATGCCCGGCTGGGGAGAGGAGAGAGACAGGTCCTGAGGGT  
GGCCCTGGGGGCGAGCAGTGTCTGGTTGGACACTGTGGGTGAGCCTTGCTCTGCTTGGTGGATGGGG  
GCTGGGCATCCTATGTAACTGCCTCTGCCATGACCTGCCAAGGCCACCGGCTCCAGCCCCACCTGAT  
GCCCTGTCACCTCAGTCTCCCACCTGGTCTTGGAGGTACGAACACTGCCAGGACTCCCCCTCCTTCTCT  
TTCCTCTTCTCTCTGCGCTTGTCTCAGGGTGTAGGTGGGGTGGGGGAAGGGAGCCATTAGCTTCCTA  
AGGCTCTTTTGTAAAGTTTTTGTAGTGAATTTTATGCCACCTGAATAAAGAAATGAATGGGC  
>GBEQ1666 |Acc|BM780466|Ver|BM780466.1 GI:19128713|APL1\_3\_D10.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:71:Stop:662  
ATTACCGGAAGAAAAAGCAGCTCACGAGGCTACGGAAACAGGCTGAAAAGAACGTGGAGAAGAAAATTGA  
CAGATACACAGAGGTCCTCAAGACCCACGGACTCCTGGTCTGAGCCCAATAAACTGACTGTTAACTCCT  
CATGCTTGGCCTGGCCTGCCCTTCTCCATCGCCGCCGCCCTAGGATGTGGGGGACACCCCGGGGCCG  
TGTCAGGACACCACAGGCGAGCCTGGGCCCTGGCAGGCTGGGAACACAGAAAGGGCTGTAGAAGCACTAAC  
AGCTGTAAGCTGTGCGGGCGTCATGACGTACTTGTCTTGAGAGCTCTAGGAAGGCGAGCAGCTTGAACCA  
TCAGTTTCAGTTTCAGTATTTGAGTCAAACTTTTACGTTGTGAGTGGGGCGTCCGTTTAAACGGCCCC  
GGGGTCACGGGCTATACCTCTGCAGCTGTGAGAAGCTGAGGGGTGCTGGGGGCACTGAGCCTGGCGCTGGG  
CGGAGGCGGTTGTAGATCCGAGCTGGGAGGTACAACCAGGGAGCCGCACTGCCCTTGCACCTTCCCTGG  
ACTTTGTGATCAGGAGCAATAATCTTTT  
>GBEQ1667 |Acc|BM780493|Ver|BM780493.1 GI:19128710|APL1\_3\_E11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:2:Stop:616  
CAGCCACCGCGGGGAGCCGAGACCTCGGTGATGCCCACTCCTGACCCCGCTAGAGCTATGTCCACCCC  
GGCTCGGCGGGCGCCTTATCGGGGACTTCAAGAGGTTGCAGGAGGATCCTCCGCGCGGAGTCAGCGGGGCC  
CCGTCCGAGAACACATAATGGTTTGGAAACGCGGTCAATTTTCGGGCCTGAAGGGACCCCGTTTGAGGATG  
GAACATTTAAGCTGACAATAGAATTCACCTGAAGAATATCCAATAAACCACCTACGGTTAGATTTGTCTC  
CAAGATGTTTCATCCAATGTCTATGCAGATGGTAGTATATGTCTGGACATACTTCAGAACCCGTTGGAGT  
CCAACCTATGATGTGCTTCCATTTTAACTATCCATCAGTCTCTATTGGATGAACCCATCCAATGATC  
CAGCAACACAGCCAGGCTGCTCAGCTGTACCAGGAGAACAGCGGGAATATGAAAACGTTGTTCTGCGAT  
AGTAGAACAGAGCTGGCGTGATTGTTGACCGGGTGCAGCAAAAGAGGCTGGTCACAAGAAAAATAT  
ATATTGATGTGTTTGTACCTTCCTATTCTCAGTGTCATTACATTTACTTTAT  
>GBEQ1668 |Acc|BM780492|Ver|BM780492.1 GI:19128709|APL1\_3\_E09.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:73:Stop:642  
GGGCCTTGCTGTGAACACATGAAGCTGGAGGGAGCCAAGGCGAATGGTCGCTGGAGCTGCTGGAGCTCC  
TGGTCTGCTTGCAGAGGAGGACCCAGGAAGGAGGAGAGTGAATAACCTGCACCCAGAAATGGAG  
CGCCCTCATGTCCAGGGCGGGAAGTGCAGACCGGGCTTGTGAGGGCCTCTGGGCACCCAGCTGGGACAG  
AAGACGGCAATGTCAACACCGGACCCACCGCTGGATAAAGATTTCTTTTCACTGATGGAAAACGCTAAC  
CGACATGGACTTTTTCTCTGTTCTGCCAGTCTCAGGCCTAAGACCAGGCTGTGCCATCTACAACCAACT  
GTTCTGTTACCCACAAAACCTCAGTCAATTGACTCCTGTGTGTGAGTGTAACTAGAGGCTCAGGCCTGC  
TCACAACACCTTGGATCATTTCAAAAATCAATGAATAAATAAGGAGAACTCTCGATCCATGCTTAGGA  
GAACCTTAGAGGATGTTAGAGGTACCAGGCAGGCGAGTGTCTTAAACCACCAATGGCCAATAAAGCAT  
GATGAGAATT  
>GBEQ1669 |Acc|BM780491|Ver|BM780491.1 GI:19128708|APL1\_3\_E08.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:9:Stop:597  
GCACATAACGTAGGGTACAAAATAGAGTGTGTGCTGTTGATAATATCTCTCACCTCTGGACCCCTCCTCA  
CCTGCCCTGCCACTCTGCATGATTTGATTTCAACTTGGTCGTACGTTCCCCACATGTGAAGTTTGTAGTGGT  
GTCCATTTCTAATTTATGCATTTCGTGCAACAGTTATTTATGGCCCAAGATGAAAAGTCACACCATCTGA  
CAGGCCTTAGGGGCTCCGAGCGTGGTGTGGGACGCAACCCCTGTGAAATGTATTCTCATCAGCAGA  
CACTGCCGGGGACCCCTCCAGAGCGCGCTTAGCCGCTTCTCCGTCCCAGCACCCACTGCTGTCCGGCGT  
CCCAAGCCTCCTTTTGGGATGTATCAATGCCACTGAATCGTGTGTCCGTGGAACCTGGTCATAGCCACATT  
GTGACAGCTTTGCATTCTGTCTGCTTGTGGGGGAGGTGGGCAGTCCACGGGAAGATGTTTTGTCTCAT  
TTGGGTAAAAGGAACCAACCAAGTGCCTCGTTGGAATTTCCCATCGCTTTTGTGAGCCATGTT  
GTATGACCTAGTAACTTTGTACCAATTC  
>GBEQ1670 |Acc|BM780487|Ver|BM780487.1 GI:19128704|APL1\_3\_E12.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:79:Stop:676  
TGGTGGGAACGACAAGGTTTCCCATGAAGCAGGCTGCTTACCCACGCGCGTGTCCGCTCCTG  
TTGAGTAAGGGGCATTCTCTGTTACAGACCGAGGAGGACCGGAGAGAGAAAGCGCAAGTCTGTGCGCGGTT



TTAACCAATATATTTAGTGATTTTTTAATATATTTAAACTGTTCTGCTCTAGGACCACACTTAATGACA  
AATGATCATCTCTATGTACAACGCGATGCTTGTTCTTATTTTAATAAATTTCTCAAACC  
>GBEQ1676 |Acc|BM780461|Ver|BM780461.1 GI:19128693|APL1\_3\_G01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:29:Stop:617  
GATTGAGAATAAAGTGTGCAACCGCTATGAGTATCTGAATGGACGAGTCAAATCGACTGAACTCTGTGCT  
GGACATCTGGTTGGAGGTGTTGACAGTTGCCAGGGCGACAGTGGAGGGCCTCTGGTCTGCTTTGAGAAGG  
ACAAATACATTTTACAAGGAGTCACTTCTTGGGGTCTCGGCTGTGCACGACCCAATAAGCCTGGTGTCTA  
TGTTCTGTGTTTCAAGTTTATTAATTGGATTGAAAGAATAATGCAAAGTAATTAATTGGATGGGAGACAG  
AGTGAGGCATCAACATATCTAGAAGCTGGCACATGGGTAGGGAATTTAGCATGCTCAGAAATAATTGACA  
GTAATCAAACAGACACTGTACTTAGCTACCATGTACTGCCAACCCCTCAACGTTTTTTAGTATTACTGT  
GGATAAATTTTTCTGTCCATGGACCGCTGGATTCTGTAATAATAAGGCATCACAGCTATGACGTTTGTT  
GAAATAAACTCTGTACTTACTTTGATTGAATTTTTTCCATCTTCTTTGTTTTCTGTTCTTTATTTATC  
TGGCCAATTTTCAATAAATAACTCTACC  
>GBEQ1677 |Acc|BM780459|Ver|BM780459.1 GI:19128691|APL1\_3\_F11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:81:Stop:673  
TGTCACCATCAAGACACTTGAAGAGGCTGTGGGCAATATTGTGAAATTCCTGGGAATGCACCCTTGTGA  
GAGTCTGGACAAAGTGCCGGATAACAAGACACCCACACGCTGCTCCTGGCTGGTGTGTTCCGGGGTGGT  
CATGACATCCTGGTGGCTCCCGGCTGCTGCTTTTGGATACAGTAACAATGCAGGTGACAGCCAGAAGT  
CGGAGGAGCTGCCAGTAGACATCATTTTGGCGTCTGTTGGCTGAGGCCAGCCTGCATAGGCCCTGCTCC  
ACCCTTCTCCCCCAGCACTACGCAGAAGTCACAGCGTCTCCTGAACCCAGTAGAAACTCCTCAAGCCT  
GTGATTTCAGAAATAATTAGGAATCATTTAGGGGTGTTTTCTTTTAATTTAATCTCTGCCTCGGGACTAC  
TAGGGGTAACTTTTTTTTTAAGTAGAGGATGGTTTTAGCTTGCTCTAGAACTGGCTGCCCTTGCTGCCA  
GGGAAGGGACATTCAGATGAATAAATGCTTGGCTCTCCTCTCGAATTTATCCCCCTAAAACCATCTT  
GTCCCTATAAATAAATCAGCCACGTATTTTCTG  
>GBEQ1678 |Acc|BM780455|Ver|BM780455.1 GI:19128687|APL1\_3\_G11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:653  
CACTTGCTGTATTAGCACCGCTGCCAAGACCATCCAACCTCAGCCCCACTTTAGGGACAAAAGGATGCGG  
TGGGTGAGAGAGACTAGAGCGAGGATGGAGTGGTTTTCAAATTTTCCAATATATTTAGGAGCAGGAGTGC  
AAGGGGCTGCGCGACCTAGCAGGACAGAACTTTCCCAATTACAGGGGTGACTCACACCCGCATTGGTGAC  
TCACTTCAATGTGTCATTTCCGGCTGCTGTGTGTGAGCAGTGGACACGTGAGAGAGAGAGAGGGGGAGAG  
AAAATGAAAGAGAAATGAGAGAGAATGAGAGGCAGCGAACTCGGGCTCAACTACCCCTAGTTAGATCATCTT  
TCTGAAAACCAAGAAGCTGGGGGGTATGGCATGCAGGCCAAATTTATTGAGGAATCGCACAGAGGTGTCTG  
AATGAATGTAATCCAATCCCCCACCATGCTCTGCAGTGAAGAACCTTCGTTCTTTGTTGTTTTTAAATA  
TTTTTTCATTATGCACTGGACAGTGACAGCCACACGCAGTACCCACAAGGAGACCCATATGGGGAGTCCA  
CCATTTTTGTGTTGATTATATGCCTTTTCACTTCTGATACATTAACAAGTAAAAATGTTAAGAAATAAT  
AATAAATAAATAAGAATATTC  
>GBEQ1679 |Acc|BM780449|Ver|BM780449.1 GI:19128681|APL1\_3\_G05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:142:Stop:658  
ACCATTTTCTACACACCTGCTTGGCACCACAGGGAGCTCTTACCCCTGCACAATGACATTCCAGCCACC  
ACCAGCCAGAAGTTACAGCCAACCTTGCTGACTGTACAAGCAGGACCTTGGGTCCATTGGCACTGTCTAG  
TGATAGTAAGCCATTTCCCGGGAAGAGGAGGAACTCCTCCCCACAGTCTGCTTGGGCCTGTGCAAATG  
GCACTTCAGAGGAGTCCCCATGCACTGGGAGTCCATGAGCCAATGGGATATGCAAAGACATTTAGGGCT  
GGTTTCTCTGTTTCATATCCAATTCCGGTGTCTTAGGAACAGGGACCCATGCTGATGCCCATGGGCAAAAG  
CCCCACTTCTTTAAGGAAGGGGGCAGGCCTGACCCTGATGCCAGTAAGGGGCAACCCTAGGCTTTTTG  
TTTTTCTTGCTTTTATTCCCGTTTTTGTGGCCTTGCTGCTGGGTTTGTGTTACAAAAGATGTATTTGTTT  
AACCAATATTAATAAATGAAAACTGT  
>GBEQ1680 |Acc|BM780448|Ver|BM780448.1 GI:19128680|APL1\_3\_H07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:10:Stop:643  
GTTTCAGAGTCACGTGAATGGGGGGTGTCTGGGGAGGGGAGTCATAGGAAAAATGATTTTTTTTTAAATG  
TTTCTACATGTTCAAAGTGTAGTTCTTTACCACAACCAAGTGTGTTCTTGCCGCTCAAAGCCATCGCG  
GAGTCATTGAAAGCAAAATCAATTGGTCATCTAGTCTGTGAAGTACCTTCTTTAAGGATCCTAAAGC  
AGTTCCCAGGCTGGAAGTGCTGGCGTGTCTGCTCCCAACTGTGGGCATCCGACAGCCAAGAAGCGAGAC  
AGCATAATCGAGCTTCATTCTATGATGCTGCATCAGCCGTACTGTTTAGTTTAAATGCCAGGACATTAGCT  
TATTGAGAAATGTTCCATTTGACATTCTCTCTTTTTTGGGTAGGAGTGTGCTGAGGGGTTGTAATAAT  
GACAAGGCTGAGATTTTTATCGTGTGTTAAATTGGGCACAGTGATTTTGACCTGATTCTCCAACCTCCCT  
TCCTTTCTTCCGTGTGACAGCCACAGGCTATTTATACATGTACCCCGCTTCCGTCCGAACCTGTGACTC  
AGGTTTATGAATGGTGTGTTGTGTAACAGTCGTGTGCTATGTTTAAACGCCACAACATCTGCAGTGTTC

```
CCTT
>GBEQ1681 |Acc|BM780447|Ver|BM780447.1 GI:19128679|APL1_3_H06.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:3:Stop:653
GGCTGCCCCGGATGCCGTGAAGAGTGGGCGAGATGGTTCCGGCACGGCGGCTGGCCTGGCTACGTGCGTT
CGCTGCCCCGGGTGGCGATCGAGGGCCCCGCCGCGGTGGCCGTGCCCGGGCCCCGCCTACAGCCGCGCGCT
CAGCCGGGCAGCTGAGCAGCGGCGTCTCGGAGATCCGGCAGACGGCCGACCGCTGGCGCGTGTCCCTGGAC
GTCAACCACTTCGCCCCCGAGGAGCTGACCGTCAAGACCAAGGACGGCGTGGTGAGAGATCACTGGGAAGC
ACGAAGAGAGGCGAGGACGAGTACGTTACTCTCTCGGTGCTTACCCGAAAATACTCGCTGCCCCCAGG
TGTGGACCCCAACCCTGGTCTCCTCCTCCTGTCCCCGAGGGCACTCTGACCATCGAGGCCCGCATGCCC
AAGTCAGCCACCCAGTCGGCGGAGATACCATCCCTGTCACTTCGAGGCGCGTGTCTAGCTGGGGGGCC
CAGAAGCTGGGAAGTCGGAACAGCCTGGAGCCAAGTAAAGGCCCTTAGCCCTGCTGCCACCCCTCAGTAGC
GACCACTGACCATCCCCACCTGCCAGCCTGTATACTCTTTTGATACGTTTACCTTCTGTTTTTCTCAAAT
AAAGCTTGAAGCACCTGCCTG
>GBEQ1682 |Acc|BM780444|Ver|BM780444.1 GI:19128676|APL1_3_H03.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:29:Stop:530
TTTGGTTGGTCTCCAAAGTATCACTTGCTCAGAGAACAGCACCTGGTACCCCCGAGGTGCCCATGTGTGAG
TGGGAGATCGCTGAAGGCTGTGAGCAAGTGCTCGCAGGCAGAAAAATCATGCAGTGTCTCCCAAAGCCGG
AGGATGTGAGAACGGCCCTGGAGCTGTATAAGCTGTCTCTGGAGATCAAACAACTAGAAAAAAAATTAGA
GAAGGAAGAGAAATGTACTCCGGAGGTGCGCAAGAGTAATTTTCCCAGAAGAGGGAGAAAAATGTACCTTG
CTGCCCTTCAACACAATATAGATCACTTCAGTTTCCACTTTACCATCTCTTTTGTGCCATCACTCCTGG
TAATAAATATCTAGAAAGGATAAATTGGTTAATGTTTAATGCTTTGAGATTAGAATTATGGATTAGTGCTT
CGTAGAATTATTGATCATCTCGTGACATGTTTTTGCTTTCTCGTGACACAAAGTGCTCATTTTTTTTCTATT
AAAAATTTACAT
>GBEQ1683 |Acc|BM780440|Ver|BM780440.1 GI:19128672|APL1_3_H11.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:16:Stop:670
TACAGATCCAGAAAGCAGTGTTCTAAAGAGGATGGTGGTGGATGGTGGTATAATAGATGCCATGCAGCC
AATCCAAACCGGCAGATACTACTGGGGTGCGGCAGTACAGCTGGGACATGGCAAACATGGCACGGGATGATG
GAGTGGTATGGATGAACCTGGAAGGGGTCTGGTACTCCATGAAGAAAATTTCTATGAAGATCAGGCCCTA
TTTCCACAGCAATAGTCCCCAAAACACAGATTTTTATTTCTTCTATATGTAACACATTTTTATATATTA
TGTCAATTGGAAATTTCTTTCTCACATTTCTATCCGTCTAAAACATCAAAAGGTTGCGAGTGTGACTTTTT
GGAAAAAGTATTTAGGATAAATGACATTAATAAATAGCATGTGATTTTCTTTTGTATTTATTCATTTATGTT
GCCCAACAGAGAGTAATAATAATGTAATTTGTGGACAGTCAGTGTTCATAATTTCAATTGCAGTTGATTG
TGGAAGTTTTAAATTAGGAAGAGGAATTTTCCCTCCTTGTAGGAAAACGTGTGAGGCAAACATAAACTTA
TAAACTTATGTTTAAAGTCCACTTTTAAACTCTATTTATGTACAATGTGTAACAGAGAACTTTCAA
AAGATTTATTAATTAAGCAGTCTC
>GBEQ1684 |Acc|BM780439|Ver|BM780439.1 GI:19128671|APL1_3_H10.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:2:Stop:515
TTTGATTTTTTTTTTTTGATTTTTTTTTTTTTTTTTTTTTTTGGCGCTTGACTCAGGATTTAAAAACTGGAAC
GGTGAAGGTGACAGCAGTCGGTTGGAGCGAGCATCCCCAAAGTTTACAATGTGGCCAAGGACTTTGATT
GTACATTGTTCTTTTTTAATAGTCTTCCAAATATCGTGAGATGCATTGTTACAGGAAGTCCCTTGCCCT
TCCCAAAAGCCGCGCCCGGGTTTCCCGAAGGAGAAGGGCCAGTCCCTCGCCCGAGTCCACACAGGGCAGGGT
GACAGCATTGCTTTTGTGTAATATGTAATCCAAATTTTTTTTTTAATCTTTGCCTTAATACTTGTTTTTT
TGTTTTGTTTTATTTGAATGGTCAGCCATTACGGCCCCCTTTTATCCCCCAACTTGAAATGTATGAA
GGCTTTTGATCTCCCTGGGAGAGCTGAGGTGCGGAGGCAGCCAGGCTTACCTGTACACTGACTTGAGAC
CAGTTCAAATAAAGTGCACCCCTT
>GBEQ1685 |Acc|BM780438|Ver|BM780438.1 GI:19128670|APL1_3_H09.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:1:Stop:450
GCACGAGGAATCCAGTGCATCGTCGTTGCTGACTTGCTACCTCCGGCCTCACGTCAGCTTGAAATGGAC
CCCAACTGCTCCTGCCCCACAGGTGGCTCCTGCACCTGTGCCGGCTCCTGCAAATGCAAAGAGTGCAGAT
GCACCTCCTGCAAGAAGAGCTGCTGCTCCTGCTGCCCCGGGGGCTGTGCCAGGTGTGCCAGGGCTGCGT
CTGCAAAGGGGCATTGGACAAGTGCAGCTGCTGCGCCTGATGTGCGGGAGAGCCTGTTCCCGAAGGAAAC
AGAGCAACACATACACACATACCTACTAACAACATACAACCCCTACTACTTTAAACATTTCTTGATAC
AACCCCTAACCTTTTACAACTTCTGTTTCTATGAAATCTGTGAATTTGAATAAAAGTTGTGACTCTAAA
AAAAAAAAAAAAAACTCGAGGGGGGGGGCC
>GBEQ1686 |Acc|BM780435|Ver|BM780435.1 GI:19128667|APL1_2_A04.g1_A005 Liver (APL1) Equus
caballus cDNA, mRNA sequence.:Start:1:Stop:447
GCACGAGGCAGCGTCGACTGCGGCCCCGGCTTGCCCTCGAGCGACGAGGTTCTGGCGTCCGCTGCTTCC
```



AGGCGATTGGAGCTCCAGACAGGATGATCGAGGTTGTTTGCAACGACCGTCTGGGCAAGAAGGTCCGCGT  
 TAAGTGCAACACGGATGACACCATCGGGGACCTTAAGAAGCTGATCGCAGCCCAAACGGGCACCCGTTGG  
 AACAAGATCGTCTTAAGAAGTGGTACACGATTTTTAAGGACCACGTGTCCCTGGGGGACTATGAAATCC  
 ACGATGGCATGAACCTGGAGCTTTATTACCAGTAGAGCAGAATTTCTTCCCCCTGCTCTGCCCCGCTTCTC  
 TTCTGTTCTCTTCTTCTTCTCCCCCTCCCACCCCTCACCCCCACACTGGTATAGATGCTTGTGTTTTAAAGAC  
 TGATGTTAATAAAAACCGAGAAGCTGC  
 >GBEQ1687 |Acc|BM780434|Ver|BM780434.1 GI:19128666|APL1\_2\_A03.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:27:Stop:641  
 AGAAATGCGTTATGCCTTGTTGATATTTAGTGTAGTAAATTAGGAACATTGACATAGCTACAGGGCCAC  
 ATAATAGGTTACACATGGTAGCAGTTCTGATTTGATTAAAGTTGCTGCCATGCACATTGACACATAACCA  
 GTGTGCTGGGTAGTGTATGTGCACTTTCTGTCTTGGAAATGAGATTTATAAACTTTCTCTTGGCTTTGCA  
 TCACATCTAAAGAGGTACTATTGGCTTGACTTAGACTTGCCATAGAGAGGAATAAGCCATTTGGTTTTGGT  
 GGATGCTTCAGAACGAGAAAAGAATGGGAGAAGGTTGGCAGATAACCTGCTGAGAGGGGTGAGAAAATAC  
 CCATGCTGAAATGCTGTTCTTGTGTTTATCCCAAACAGTCTGGGGCTTCTCCATTATTGGCTTTGTTT  
 GACCCTTTTCTTATTTCCCTTGAAGTTTAAAGTTACCCATATTCTGTCAACTGTTCAAGTTTCCGTGGA  
 ATCTTGATTTCTGTTTCTATTATAACAAGAAATTGTTCTCTCAAATCCAGCCAGGATTTTCTCTTTATTT  
 GTTGGGTTCTTTGAAATGCTATGGCCATGATGATAATATCTTGATAACACCCCTT  
 >GBEQ1688 |Acc|BM780432|Ver|BM780432.1 GI:19128664|APL1\_2\_A01.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:79:Stop:544  
 GTGACAGACTGCATGGAACATGCCCTGACCGCTGCCACCCCGCACCCGATACTCAGCTGGCTGGGATG  
 CCAAGCTCTTCTACCTCCCCGTGAGCTACATGCCCTCCTTCTTAGCGGATGCCATAAACAACTGGAACCT  
 CCCAAGACCTGCCAAGAGCCTGTAGCCCCAGCCTGGGGTGCATGTTGTGCCTTGGCCCTGGCATGTCTTC  
 CGCTCCCACAGGATGGAAGGCCTGAAGAAGGTGAAGTCTTCTTCCACTGAAGACATCTGTGGACAGAG  
 GTGGAGGTGTGGAGGGTGACCAACAGCCTGACCCCTCAGCCTCAGGTCCAAGTCAGCAGACCTTGCTGGA  
 AGGTGGTGTGCTCAATAGGGTTCCTGACAGAGGACACAGAAATCAACTTTTGATTGTCTGGAAGCATG  
 GATTTCCATTCTTATCTTTGCTTTAAATAAAAGTTGAAAAGTTT  
 >GBEQ1689 |Acc|BM780426|Ver|BM780426.1 GI:19128658|APL1\_2\_A10.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:6:Stop:614  
 AGCATTTCTCACTGCAGATACTATATTGAATACGTTGCAGAACATTTCTGAAGGATTGGTGGTATACCCC  
 AAGTAATTGAGCGGCGCATCTCAGCAAGAGCTGCCTTTTCATGGCCACAGAGAACATCATCATGGCCATGG  
 TGAAGCTGGGGGTACCGCCAGGATTGCCATGAGAAAATTAGAGTGCTTTCTCAGCAGGCGGCTGCTGT  
 GGTCAAGCAGGAAGGGGTGACAATGACCTCATAGAGCGTATCAAGGCTGATGCCTACTTCAGTCCCATT  
 CACTCCCAGCTGGACCAAGTACTGGATCCTTCTTCTTTACCGGTGCTGCAACCCAGCAGGTACGGAGAT  
 TCTTAGAAGAGGAGGTGTATCCCTGTTAAACCAATGAAAGTGAATGAAGGTGAAAGCAGAAATACA  
 TCTGTAGAGTTGGGAGAGAACTAAACAAAAATCATTGTTGGCTTTAACTTTTATTGCCAAGTCATGAAA  
 ACTGTTATTCTACTGCCTTGTTTTACCTCAAATTAATATAGCACTGTGTTCTCTCCATGGTGTCTTTCACA  
 TTTCTCAAGGTTTACAAGGTAGAAATAAATTGCGTTATAGTTGGATTCC  
 >GBEQ1690 |Acc|BM780424|Ver|BM780424.1 GI:19128656|APL1\_2\_A08.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:44:Stop:704  
 AGTCCAAATCATCAGATTGCGATAGTGATTCTGATGGGGAACAGAAAGCAGAAAAAGCAGAGGTCTCTAC  
 AGAAACACAAAAGCCAAAGATAAAGTTTAAAGGAAAAAATAAAACAAATGATAAAGGAACCTGAACAGAA  
 ACACAGAAAGAAAAAATACCCAGGAGCAGAAATTCATCAGGTCCAAATGCAGAAAAAACCACAACTCATA  
 AAAAATCAAACCCATATGGAGAATGGCAAGAAATTAACAAGAAGTTGAGTCTCATGAGGAGGTAGATTT  
 GGAACCTCCAAGCACTGAAAATGAATATGTATCAACTTCAGAAGCTGATGTTGGTGGGGAACCCAAAGTG  
 GTATTTAAAGAAAAAACAGTCACTTCTTGGAGTCATGGCAGATGGAGTGGCCCCAGTCTTCAAAAAGA  
 GAAGAATTGAAAATGGAATCTAGAAATTTAAGGCAACGAGGTGATGATCAATAATTGTGAAGAGCTT  
 TTTGTACGTGCTTTTTTGAACAGAAATGGAGCTATATATCTTAAAGCTCCTCTGTGTTTGTGTTTATAAGTACT  
 TTGATGCTAAAAATTTAGATTTATTCTAAATGTATTTATGTGAATTTAAATAAATCTTTTTTCATGTG  
 AAAAAAAGAGAACTAGTCTCGAGGGGGGGCC  
 >GBEQ1691 |Acc|BM780421|Ver|BM780421.1 GI:19128653|APL1\_2\_B09.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:87:Stop:662  
 TGGCCTTCCAGATGAAGAAGAGCGCCGAGGAGCTGAAGGCCAAGATCTCGGCCAACGCCGACGAGCTGCG  
 GCAGAAAGCTGGTGGCCCTGGCCGAGGACGTGCACGCCAAGCTGAGGGGCAACCCCGACGGACTGCAGAAG  
 TCACTGGCCGAGCTGAGCGGCCACCTGGACGCCAAGTGGAGGAATTCGCCGCCGTGTGGAGCCCTACG  
 GAGAGACCTTCAGCAAGACTTGGTGCAAGCTGGAGGAGGAACTCAGGCAGAAGCTGGGCCCCGTATGCGGG  
 GGACGTGGAAGGCCACTTGAGTTTCTGAGAGAAGGATCTGAGGGACAAGGTCAGCTCCTTCTTCAGCACT  
 CTAAGGAGGAGAGCCAAGACAAGCCCTGGCCCTCCCCGATCAGGAGCCGCCCTGGGCCCCCTGGAGA

ACTGAGCTGCCCTGGTGTGGCGCCCCACCCTGACACTTGCCCGGCCCTGCCACCAGTGTGTCCATCT  
GTTCCAAAGAAGTCTTGTATGAGCTTGAGGACACGTGTCCAGCAGAAAGTGACACTTCCTCTCGCTACT  
CAATAAACTGCTGAG

>GBEQ1692 |Acc|BM780416|Ver|BM780416.1 GI:19128648|APL1\_2\_C05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:161:Stop:491  
CCCTGTGGAATTGCCACAGCAGCCAGCTATCCCCTGTGTGAGCTGACGGACAGTGATGGAGAGGACTTG  
AGGACAGCATATCCAGAGGAATTTATCTTAACTGAACAAACCTTATGCGTAAGATAAGACACTGA  
ATCTTTGAGGATCCAAGTTGTGATTTGAATCTGTGACATTTTATAAGGGTAAATGTTACCACTACTT  
TAATTACTGTTATAAATAGCTTTATAATGTTGAAGACTCATTGCTTAATCTAAGAATTTTGAATTTCCA  
TTTTTTAAAGGATATATAAAGTTCCCTTTTAAATAAATTTAATTCCT

>GBEQ1693 |Acc|BM780412|Ver|BM780412.1 GI:19128644|APL1\_2\_C01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:205  
GCACGAGGAGAAAACAGACGGTAGCCACCTCAGCTCAGGGTCTCTGGCCGGTCTGACTCTGAAACCT  
TGGTGTCTCTCCTTGGCCTCAATGCTCAGTCCCATGTAACCCACTGGCTCCTGCATTAACCCAGGAATA  
CCTCGCTTGTATCTGTGTATTTAGCTGGGAACCTGCCCCATAATGAACCTAATAAGTGTTTTAT

>GBEQ1694 |Acc|BM780407|Ver|BM780407.1 GI:19128639|APL1\_2\_C11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:29:Stop:627  
TTTTGTTAAGATTTTAAATACTGTATGGCATGGCAATAACTACATAAGGGGATAAGATTCTTTGTGCTTC  
TCAGTGTGAACTGTGATTCTTTAGGCACTAAAGCAGAGCTAGTTTTCTTTCTAGTTTGATGTTGGCT  
TATTTTAAACAGATAAGGTAACGTTTGTGTAAGATGTGTGTAACCTGATGTTAAGTTGGTGGTCTGAAAT  
GTTGAGCTTAATCAGGCAGATTCCTTATTAGTACACCAATCTTTGTGCTTTAGGTGTTCTGAGATAGA  
CTGATGTTTTAAAGAAAAATATTGTTAAACAATTCGCTCTCTAGAATCTACTTTTTAACTTTCCAT  
CCCCGGTAGTTACCAATTGCATGTGCAAGGCCTCTAGAAATAGTATGTTAAGCTGAACCAACTTGATGT  
GAGTTAACTACCCATAGGGCTTGTTCCTCAAAGAAGAGTACTGTGTAGAGTAGTAGCACAAGTGTGAGCT  
GCCCTGGGCTTGTGGTGAAGCTGTCGGAAGTGACTCGCAAGTTTTGTGAATGGCAGTGTGGTGCCCAA  
GTCACATCCTGCTTTAAAGATTGTAACAAATACAGACG

>GBEQ1695 |Acc|BM780404|Ver|BM780404.1 GI:19128636|APL1\_2\_D03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:86:Stop:583  
TGCCCTTCAGCTCTGCCATCCTCGCTGGGTGAGGGTTAAAAAGATCAAGTGGCATGAGCAGCCTTT  
TGGGAAAAATTGGAGCCAAGAAGCAGAAGATGAGCACCCTAGAGAAGTCCAAATTGGACTGGGAGAGCTT  
CAAGGAGGAAGAGGCATTGGTGAAGAACTAGCCATCCATAATCGAGGGAAGGAAGGTTACATTGAACGG  
AAAGCTTTTCTAGACCGAGTGGATCACAGGCAGTTGAAATTGAGCGGGATCTCAGGCTGAGCAAAATGA  
AACCTAATGTTATGGGGGAAATCAGTAGCAGCTTAATCCGTTTACAATGTGAGCTTTTGTGTCATCT  
GTGAAATGTTTCCGTTATTTCTCACTGACTGTTTCCCAGCAAGGTCTTTTTTGTACTTTGAATCTGTGT  
CTTTGTATCTTGATCTCAGTGGTTTTCATTCTTTTACTTTTAAAGTTTGTCTTTTAAATAAATAAAT  
AAGTAAGT

>GBEQ1696 |Acc|BM780398|Ver|BM780398.1 GI:19128630|APL1\_2\_D04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:78:Stop:420  
CTGTGGGATGTGGAATTTGCTAAGCAGTTAGCCGCAGTAAATGAACAGCCCTTTTCAAGTGGTTTTGAAG  
AGATGATCCAGTGGACGAAAGAGGGGAACTGTGGGAGTTCCCAATTAACAATGAAGCAGGTTTTGATGA  
TGATGGTTTCAAGTTTATGAACATGATTTCTGGATAAATACCTGGAGGATTTTCCAAAACAAGGACCA  
ATTCCGCCATTTTCATGGAGCTGGTGACCTGCGGCTTTCCAAAACCCATATCTGAGTGTTAAACAGAAGG  
TCGAACACATAGAGTGGTTTAAATAATTTTAAATGAAAAACGGGACATTCTAAAAGACAGTA

>GBEQ1697 |Acc|BM780397|Ver|BM780397.1 GI:19128629|APL1\_2\_D11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:8:Stop:620  
AATATTTAATCACAGAGTCACCATGTACCAATCTCAGACTGAGTCTGCTGCCAGCAAATGCCCACTGCA  
GCTCCCTGATGCTGAGCTTGTGGTATTTGTAAAGCTCTGTGATTGGAAGTCCACTGGAAAAGATTGTC  
TCAGTGTCTCTGCAATTTCTTTGAAACACAGGTGGAAGAGCCCCAGAAGACAAACACAGCTCCCACCAACC  
CACCTCCAAAGCTGTGCCGAAAGGATCTGTCCAACACCTCCCTGAATTAGATGATGGGAAGGCCAAGA  
TTCCAGGAAGAGGGCCCGTTGAGGCCCTTCCCTCTGCATCTGGATCTAACCACGAATCCTCACGGAGAA  
ACCCTGGACGTCTCCTTCTCTCGCGGCACCTGGGGAGAAGAAGGTGTTGTCTTCCCCTTCCCCAAAC  
AAAGCGACGCTCTGCTGAGTGCCCTGGACCGCCAGGAGGACAACCTTGGGTTCTCCCACCATGAAG  
ACCACATAGAAGATTGCATGGGGATGCAGTGCCCTGCAGGAAATGAGAGGTGGTGGGAAGGGGAGAGA  
CAGACATAGAGTTCAAATGTAAAGATAGCTAATAAAGTGTATCTTCTTGGCT

>GBEQ1698 |Acc|BM780389|Ver|BM780389.1 GI:19128621|APL1\_2\_F02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:57:Stop:346  
ACAGCCAGCAGACAGACAAGATCCTGGGAGCAGTAATTTACAGAAAAAGCCAAGGAGCCAGTAATTGA



CTACTTTGATGTCCAGGACTAAGAGGATCAGGATCCCCTCAGATGAAAGAGTAATGAGGTGCGGGGCAGA  
CTCGCCTGCTGGCAGATAAGGCATGCTCGTTCCAGCTGCCTGGGAGACTGACAGCCTTGCCTCCTGTCTC  
AGACAGATACGTCCAGAGCCTGAGTGTGTCGGAGTCCCCTGCTCCTCTGTTCCCTCTGTATAAAGTATTT  
CTGTGTGGCC

>GBEQ1699 |Acc|BM780387|Ver|BM780387.1 GI:19128619|APL1\_2\_E12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:674  
GAAGCTATGATGAGCAGTTCTGCTGTGGGACACTCGGAACATGAAGCAGCCATTTGCAGACATGCCTGT  
GCAGGGCGGGGTGTGGAGGCTCAAGTGGCACCCTTTCCACTACCACCTGCTCTTGGCAGCGTGTATGCAC  
AACGGCTTTAAGATCTTCAACTGCCGAAAGGCAATAGAGGAGAAGCAGGAATCATACACAGTCTCTGTGT  
CTCAAACATTTGCCCAACTCACTGGTGTATGGAGCTGACTGGTCCCTGGCTCTACTTCCGCGCTCTGCCACA  
GACCCAGCAGTCATTCTGCTTAGGGTCCCTTCCCTGCAGCGACCCAGAAGCCGGAACAACAGAAGTCTGT  
AACCAGAAGGTTGTAGGCCAGTCACCTGCACCCTCTTCTGATCATTTAGCAGATGATGATGGAGAGGGTCT  
GTACTAGACTCCAGCGGGGAGGCAAACCGAGGTCTTCTTCCAGCTACTCACAGAGAACTCAAAGAGCAG  
CGGCCAGCTGCACACTGTGGGGTCGAAAATCTCTGACGACGACCCCTCGTCTGGAAGGAGCAAACCTCTGAC  
AGCACTCTTCTAGCCACATGCTCCTTTATGACCACGTTCTTACCTCTGGAAGTGGCAGAACAGCTGAG  
CTAGGGGAGAGGCTGCTTGGTTTGAATAAAGACCATTTC

>GBEQ1700 |Acc|BM780384|Ver|BM780384.1 GI:19128616|APL1\_2\_E09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:334  
GCACGAGGCCGATTTGGCAAAGACCTGGGAGAGGCCCTGAATGAGTACCTGCGGGTCAAGACAGTT  
ACTTTTCGAGTACTGAGGGAAAGGTCCAGTGAGAGCAGCAGCCCCATCTCTGCGGTGTGTCTTGGCCCTC  
CACAACCTGCCTGCCTTGCCTGGTGGCCAGATGGCCCTCTCACCCCATCCCGAGTGACAGCAGCCTCCAC  
CTGCAGCCCCAGTGAAGCTCCCCGTCTGCCCCCTGTTCCTATCCAGGACACCCGCCACCCATCCAATCC  
AAGTGGCCTTTGGCTGGTTAAGAAAGTGGTCCCAGGTGAATAAAGGTTCTGACT

>GBEQ1701 |Acc|BM780383|Ver|BM780383.1 GI:19128615|APL1\_2\_E08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:132:Stop:645  
GTCAACAAGGGTTCCAAGGCCTACTGGGAGTGACAGCAGCCGCTCAGAGTCAGAGCGTGATGAGCAACCA  
AACAGGAACCTCCGGTGCAGGAGCGTGATGGTCTCCTACCCAACCATGTCTTCTTATCAGGTGCCAATGACC  
CAGGGTTCTCAAGGACTGCCCCAGCAGTCTTACCAACAGCCAATCATACTACCTAACCAGGCAAGTCAAG  
GGTCACTCCCAGCCACTGGAATGCCTGTTTACTGTAATGTCACACCGCCGACCCCTCAGAACAACCTTAG  
GCTGATTGGCCCACTGCCCCCTCCAGCACTGTCCCCGTGATGTCAGCTAGCTGCAGGACAACTGTGCG  
AGTATGAGCAACGCGGGTGCAGGTCAAATCTGAGTGATCTGGCTGGAGTACATTTCTTCAGATATTA  
CTCATGGCCTTTAAGGGAAGACGAGCAAGGTGGAATACTGGCTGAGGACTTAAGTATTCACCTCAACACTC  
AAATGATTGCTGCTGGTATTCTGT

>GBEQ1702 |Acc|BM780372|Ver|BM780372.1 GI:19128604|APL1\_2\_G02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:5:Stop:581  
GATATAATTCATGATTTAGCTGTGCGCTTGGGCTACAGAAGTGTTCACAGGTTATTGAGTCACATTT  
ATTGAAGCTGCTTCAAACATCAAGGAGTAGACGTCATCGTCAGGAAGCGTTTACCTGCCCTGCGTTTAC  
TTTGGGGCCCTTATAAATGATAGTTTTGTTTACTTATAAATTTTACCTCAGTTGCAATATTTACTGATT  
TTAGTAAGTTTTAATAAATATTCTTCTGAGTAATTCAGTGGTTTATAATAAAGTTAATGTTGATGCTTT  
TTATATAAATGTGTTTACTGCATATTTAAATCATAAATTAATGTTTGTGGCGTGTAAATGTTTACGG  
TACAGACACTCATCTGTCTTTGTATCAAGTGTGTAATTTAACACGTTTACAGAAATTATTCTGCCCTATT  
ATCTTGACTCTTGTATCAACTCCTTGACTTTATATGGGGTTTGTCTATAAATCCATAGGAGAAAAGATTGT  
TATTGTTGAATTAATAAATGCACAGTGTGATTGTTTACAAAATGATATAATAAATAAAGTACTTTTAAAA  
AAAAAAAAAAAAAAGTCTG

>GBEQ1703 |Acc|BM780371|Ver|BM780371.1 GI:19128603|APL1\_2\_G01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:48:Stop:424  
CACCTGCACCCTTATGGGGCTAGAGCCCTTTAGTCCCTCCAACCTCACAAGGACCATACTACCTACATC  
TCCCTTCAGTACAGTGGACAGAGAAGAGCCCTTAACCTGACCATAACCACCACCTGGGCAGAGCCTAGG  
TTGTCTTGGGGCTGGCTTCCCTAGGGAACCTATTAGGTGGTGGTTGGAGGGGGGTTAGGGATGGGGCCTA  
GGCCACAGGGATGATGACAAATCTCCCCACAGGTTTGAACCTCTGACATGGGTGGCTATGCTACCTGCC  
AAGACTTCACTGAGGCTGTCATTGATGCCCTGTCCCGCCCATAGGTCCACCCACACCTGTTTAAAGGTGC  
CTCAATAAAACATGTATATCGACTCTT

>GBEQ1704 |Acc|BM780368|Ver|BM780368.1 GI:19128600|APL1\_2\_H02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:460  
GCACGAGGTACAGCCGCGGCTGACCATGGTGACGGCGGCGAGCGGCTGGAGCGGACATGGCGG  
CTTGGTTGCCGTTTACCTCCGCGGCTGTGACTGCGTCTCCTCTGTTGGTCTTTCTCGCGTCTCACAGGC  
CCAGACCTTCTCCTTACCTTTCCAGGAGCCGGAGAGCTGCGGCCACAACCACTACTTCGATATCTCCGCG

CTGTCTGTGTCTCGTGTGGAGCCAACCAGCGGCAGGACAACCGAGGAACCTTCATGTGTGTGTCTACCAG  
GATTTCAAGGTGATCTCTAATAATGGAGGACCTGATATTATTTGTAAAAAGTGCCAGAAAACATGAAAGG  
TGTTACTCGAGATGGCTGGAAGTGCATTTCTTGCCCTAGTGGTTTAACTGCAGAAGGCAAATGCCACTGT  
CCCCTGGCCATATTTTAGGTAATAAATAGATTATGAAAT  
>GBEQ1705 |Acc|BM780367|Ver|BM780367.1 GI:19128599|APL1\_2\_H01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:470  
GGAATAACGCATCCCCCTCCAACAGTGCAGGATACTGGAATGCCCTACGCGGAGTTTCCAAACCGGAGAGC  
TCACGGCGGCTTCACAAACGAGAGCTCCTTCAACAGAAGGGGTGGCTGTCAACCATGGATATTAGAGGCCCT  
GACAGGCATTCAAGATCTTCTAAATTTGGTTTCTACTTCAATTTTGGTATTTATTCTTTGTTCAGTTTTT  
ACTGAGAGCTCTAATCCAGTGTAAATAGTTGAACCCGAAAGTTTTTGAGCAGAAGTCTTCATATTACCC  
TTCACAAAGCATTCTGTTCAAGTATCCTGTGTGTGTGTGGTCTGATGCTGGGAATTCTGCAGGTTTGATT  
AAACAAAGTCACTTTCTCTAGGGAAAGAGTTAATTTGAACTGAACTTGAGAACATACCCAAGAACATA  
ATCACTCACATAGGTTTATACATGAAATAAAGTGTATTATAATGT  
>GBEQ1706 |Acc|BM780358|Ver|BM780358.1 GI:19128590|APL1\_2\_H08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:511  
GGCAGGAGGTGCGATTGTGTCAGCTTCAGCGGCTACAAGATCTACCCGGGACACGGGAGGCGCTACGCCAG  
GACCGACGGGAAGGTTTTCCAGTTTTCTTAACGCAAAATGCGAGTCCGCGTTTCCCTTTCCAGAGGAATCCC  
CGGCAGATCAACTGGACTGTTCTCTACAGAAGGAAGCACAAAAGGGACAGTCCGAAGAAATTCAGAAGA  
AAAGAACCCCGCTGCTCAAAATCCAGAGGGCCATCACTGGTGCATCTCTTGCTGATATAATGGCCAA  
GAGGAATCAGAAACCTGAAGTTAGGAAGGCTCAGCGAGAACAAGCTATCAGGGCTGCCAAGGAAGCAAAA  
AAGGCTAAGCAAGCATCTAAAAGACAGCAATGGCTGCAGCTAAGGCTCCCAAGGAGGAGCACTAAGC  
AAAAGATTGTGAAACCTGTGAAAGTTTCTGCTCCCCGAGTTGGTGGAAACGCTAAGTTGGCAGATCAGA  
TTTCTAAATAAAGATCTAACT  
>GBEQ1707 |Acc|BM780353|Ver|BM780353.1 GI:19128585|APL1\_2\_H11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:663  
GAGAGATTGAAAAGTTTGGCGATTCTGCTGGCTCTTTTGGGCCNCAGGCGGCGAGGCACAGTAGTATCCG  
TGAGTCCAGGGATGCTTCTCTCCCTCGTCCGAATTCGGCAGGAGGCTGCTCACTGGAAGTCAGCACCC  
ATGAAGCTGTTACAGGCCCTCATCTTCTGCTCCTTGGTCTGGGCGCCAGTGGCTTGTTATCGTTCCTTG  
GAGAGGCTGCTCGAGGGACTTGGGACATGATAAGAGCTTACCATGACATGAGAGAAGCCAATTACATAGG  
CGCAGACAAATACTTCCACGCCCGCGGGAACATGACGCTGCACAGAGGGGCCCTGGGGGTGCTTGGGCT  
GCTAAAGTCATCAGCGATGGCAGAGAGAATTTTACAGAGATTCACAGACCGTTTGAAGTTTGGAGACAGTG  
GCCACGGAGCGGAGGACTCGAGGGCCGACCAGGCTGCCAATGAATGGGCGCGAGCGGCAAGACCCCAA  
TCACTTCAGACCTGCTGGCTGCGCTGACAAGTACTGAGCTTCTCTCACTCTGCTCTCAGGAGATGGGC  
TGTGAGCACCTTGAGGGCAGGGACACCCAGTTATTAGGCTCTATGGCCCCAGAAGCCAGTGGGGGTGACA  
GAATTAGTGTCTAATAAATCTAAGATTTG  
>GBEQ1708 |Acc|BM780352|Ver|BM780352.1 GI:19128584|APL1\_2\_H12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:38:Stop:651  
CCTGGGATGGTCAAGGTGTACTCTATTACAACCTGGATGAGACTTGCACCCGGTTCTACCACCCAGAGA  
AGGAGGATGGAATGCTGAGCAAGCTCTGCCAAAAGGACATGTGCCGCTGTGCTGAGGAGAGCTGCTTCAT  
GCACCAGGCGGATGACGAGGTCAACCTGGATGACCGGCTGGACAAGGCCTGTGAGCCAGGAGTGGACTAT  
GTGTACAAGACAGACTTCTCCGGAAGGAGCTGTGAGATGACTTTGACGATTACGTAATGGTCATCGAGC  
AGATCATCAAATCAGGCTCCGATGAGGTGCAGGTTGGACAGGAGCGCAGGTTTCATCAGCCACATCAAGTG  
CAGAGAAGCCCTGAAGCTGGAGAAGGACAAAAGTACCTCATATGGGGCGTCTCCTCCGACCTGTGGGGA  
GAGAAACCAACATCAGCTACATCATTGGGAAGGACACCTGGGTGGAGCTGTGGCCTGAGGCTGATGAAT  
GCCAAGACGAGCAGTATGAGAAACAGTGCCAGGACCTTGGCAGCTTCTCAGAGAACATGGTCTGCTTTGG  
CTGCCCAATTGAGCCCCCATCTTGGTCCCCCAATAAAGCTTCAGTTATATTT  
>GBEQ1709 |Acc|BM780349|Ver|BM780349.1 GI:19128581|APL1\_1\_B08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:661  
AGGAGAGAGCCCTGATTGATATGTACATAGAAGGTGTGGCAGATTTGAATGAAATGATCCTGCTTTTACC  
CATAACCCACCTGCTGAAAAAGATGCTAAGATTACGCTGATCAAAGACAGAAACAACAAATCGTTATTTG  
CCTGCGTTTGAAGAGTGTAAAGAGCCACGGAGAAGACTATCTGGTTGGAACAGGCTGAGCAGGGCTG  
ACATCCACCTGGTGGAACTTCTCTACCTTGTGTAAGAGCTTGACCCAGCCTTCTGACCAACTTCCCTCT  
GCTGAAGGCCCTGAAAGCCAGAATCAGCAACCTACCCACCGTGAAGAAGTTTCTGCAGCCTGGTGGGGCG  
AGGAAGCCTCCAGGGGATGAGAAATCTGTAGAAAAGTCAAGGAAGATTTTCAAGTTTGTATAAAGCAGGC  
CTGGCCCCCAGCAGGACGGACCGATCTTGAAGTTTCCAACTGTGAAGTGTGCTTGTCTTACATGTAG  
ACCCTGAGTATTGTGACACTAAGAACTAATCCATTGTTTAAAGTGCTAATTTAACAGAAATCCACTATGC  
AAATTTGGTTACAAAGCAATCTATTTGTTTTGATCAAACATGAAATTATTTCTCTAGGATGTCTCTCTG

GACTTAAAAATAAATAGAACGAGAAAAAGTT

>GBEQ1710 |Acc|BM780348|Ver|BM780348.1 GI:19128580|APL1\_1\_B07.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:59:Stop:546  
 CTGTTACGCAGAGACTGGGTTGCTGGGTGCACACTTTGTCTGCGACCGCATGAGCATTGATGACATGATG  
 TTCTTCTCTGCAAGGCCAGTGGATGCGCCTGTGCACCACTGCTACGGAGAGTGAGGTGGTCCGGGGGCAAAA  
 ACATCCTCAGAAATGCCCTGGTATCTCATCTGGATGGCACCCTCCTGTGTGTGAGGACATTGGACGTAG  
 TCTCTGACCTATGGCCGCCGCATCCCCCTGGCTGAGTGGGAAAGCCGGATTGCCGAAGTGGATGCCAGT  
 GTGGTACGTGAGGTCTGCTCCAAGTACTTATATGACCAGTGTCCAGCAGTGGCTGGATTTGGCCCCATTG  
 AGCAGCTCCCAGACTACAACCGGATCCGTAGTGGCATGTTCTGGCTGCGCTTCTAGGCAGGAAGCCTATG  
 CAGGCAAGAGGGCCGGGCCAGGGTTCTGCTCCCCACCAGCAAAACACATCACCTCAGTTCTTCANAA

>GBEQ1711 |Acc|BM780346|Ver|BM780346.1 GI:19128578|APL1\_1\_B05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:368  
 GCACGAGGGGTGGATGTGATCTTTGCCGACGTGGCCAGCCAGACCAGACCCGGATCGTAGCCCTGAATG  
 CCACACCTTCCCTACGTACGCGCGGCCACTTCGTATTCCATTAAGGCCAATGCGATCGACTCCACCGC  
 CTCGGCCGAGGCNCGTGTTCCTCGGAGGTGAAGAAGATGCAGCAGGAGAACATGAAGCCGAGGAGCA  
 GCTGACGCTGGAGCCCTACGAGAGAGACCACGCCGTGGTCTGGGCGTGTACAGGCCACCCCCAAAGGTG  
 AAGAACTGAAGCCCCGGCCGCTGGACTGCGANAATTGTGTGCTACTGTTCCGCGTGTGNTTTTTCTA  
 TTAAGAACTCCTCCGTC

>GBEQ1712 |Acc|BM780344|Ver|BM780344.1 GI:19128576|APL1\_1\_B03.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:171  
 GCACGAGGAAGATGTACTGTACAATGCTCAATTGTTATGTCAATCAAAGACATCAGGTTTCATCTGTTTAC  
 CGAGCTAGAAACATAGTATGTAGTTTCACTTTTTTAAATGCGACAGCTGTGCTGAAATTTTTTTTATCAT  
 TAACACTTGAATAATAAAATAGGCTTCATTT

>GBEQ1713 |Acc|BM780342|Ver|BM780342.1 GI:19128574|APL1\_1\_B01.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:2:Stop:515  
 AGGAGAATGACCAGTGTGATCCGCTGTATCGTGGAGTATCAGAATAAGGGCCGGGCGAATGAGTGTGTCCA  
 GTACCAGCATGTATTACATAGAAACCTCATTTATTTGGCCACCATCGCAGATGCCAACCCCAACCAGTGCT  
 TCAAAAACAATGGAATAATCTTCCAGTTGACTGTTGTGAGAAGCATGTCTGGATAACAAAGACATCATGA  
 GCTCTTCAAGTCTACCTTTTTACTTTCAACCTGAAGAGGAACTGAGCAGATGTTGGGCAATTGGCAGGA  
 ATTGGCAAGACTCCCGACTGAGACCCCTGCCAAATGGATATGCTGCTCCCTCCTACCAGTTTATAGCCATG  
 GACTCCCTGACTGCTCTTTTCAGGTTGCTTTGAAATAAAGCTTGCCTTTGACACAAGAGAATGATAGTGAG  
 GTATAGAAATTTTCATGTAGTAATTATTCATTTGGTTTTCCAGAAAACTGTAAGGACTTAAAAATATA  
 TGAACAATACCATTTATCATTGCT

>GBEQ1714 |Acc|BM780336|Ver|BM780336.1 GI:19128568|APL1\_1\_A07.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:669  
 ACAGGTGGCAGCAGTCAGCCAGCCCCGGGGCTTTGGTTTTAAAAGACGCACATGTACTTGTACACACGGGG  
 TTAGAAATATGAGTTGGCTGGTCAACTTGAGCATGTTACTGACAAGGGGGTTTGGGGTTATTTTCTGGT  
 GGGACTAGCATGTCACTAAAGCAGGCCCTTTGATATATTAAATTTTTTTTTTAAAAAAGCAAAACAAGTT  
 TAGATTTTAATCATTTGTAGGGTTTCTAAGTCATTGTTTTACAGAATTGCTTGTGTTGCTCCCACTGTCT  
 CCTTCCCATCTCTGCTCTCTGAGGCGACGGGGACAGGACTGAGCCAAACACTTGTAAATTTTGTATCCTGG  
 TGTCTATTCTGAGTGGGAAATATTCCTTTCTTTGTTAAGATTCTCTGAGGAGTTATTTTTCTTTTATAA  
 TAAAAAACAACCCCACTTCGGCCCTAAGCTTTCCTACTGTTTGTGGCTGTTTTTGTGCTGGCGGCAG  
 CAGGCCAGCTGTGGCTTTCTCTTGCCGTGACGACTTGTGATTGCCATGTACAGTATGTTCCGAGTTAGAT  
 AACTCCTCATTGTAAACAAGCTGTGTTAACTGCCCAGAGCAACTCTATAAATCAACCTAACTTTTCGTAA  
 AAAAAAAAAAAAAAAGCTCGAGGGGGGGGCC

>GBEQ1715 |Acc|BM780333|Ver|BM780333.1 GI:19128565|APL1\_1\_A04.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:84:Stop:321  
 GCTGGATTGAGGAGATGCCCTCTGAACGCCGTGCCGGACCACCGCCAGCGGGCAGCCTGTGCCCAGCT  
 CAGAGACTTCTCCAGGAGTATGGCACCCAGGGGTGCCAGGTGTAAGGGCTGCTCCCCACCTCCCCAG  
 GAGGAGCTTGAGCTGGGAAGGGTGTGCTGATTGTTGTTGTGCTGGACACAGCCCCAGGGCAGGGC  
 CAGGGACTCAATAAAGGCCTTTGGCAGC

>GBEQ1716 |Acc|BM780328|Ver|BM780328.1 GI:19128560|APL1\_1\_C02.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:3:Stop:576  
 TCTGGTACAGATGGAGTATCTTGACATGGTGTGAATGAGTCTCTCAGATTATTCAGTTGCTGGTAGA  
 ATTGAAAGGACCTGTAAGAAAGATGTGGAACCTTGGTGGGGTATTTCATTTCCCAAAGGAACAGTGGTGATGG  
 TGCCATCCTTTGCTCTTACCGAGACACAGAGCTCTGGCCACAACCTGAGGAGTTCCATCCAGAAAGGTT  
 CAGCAAGGAGAACAAAGGACAGCATAAATCCTTATATATATATGCCCTTTGGAAATGGACCCCGAAAGTGC

ATTGGCATGAGGTTTGTCTCTGATGAACATGAAAGTTGCTGTTGTCAGAGTGCTGCAGAACTTCTCCTTCA  
AACCTTGTAAGAAACACAGATTCCCCTGAAATTAGTCACTTATGGATTCTTCAACCAGAAAAACCAAT  
TGTTCTAAAAGTTGAGTCCAGAGCTGGGACCGTGAGTGGAGCCTGACTTCCCTGAGGTCTTCTGCTTTG  
GTCTTCAAGGAAGCTATATCCCAGAACAGGAGAGACCTCGATTACTTTGTGAATGAAATCCAGAATAAA  
GATTATCTTAACCT

>GBEQ1717 |Acc|BM780327|Ver|BM780327.1 GI:19128559|APL1\_1\_C01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:574

GCACGAGGGCTGTCCGTGCGAGCCCGTTTGTGGTCTGTGTCTGTGCACACGCTGGCAAGCGACGGCGC  
CATGAGTCTGACTTCCAGCGTAAAAGTTGAATGGATCGCAGCAGTTACCTTTGCTGCGGGCACAGCTGTG  
ATTGGTTATCTAGCTTACAAAAGATTTTATGGTAAAGATCATCGCAACAAATCAATGGTCAACCTCACA  
TCCAGAAAGACAACCCCAAGGTAGTACACGCTTTTGACATGGAGGATTTGGGAGATAAAGCTGTGTACTG  
CCGTTGTGTGGAGGTCCAAAAGTTCCCATTTGTGTGATGGATCACACACAAAACACAATGAAGAGACTGGA  
GACACGTGGGACCTCTGATCATTAAAGAAAAAGACACTTAAATGGACAGTTCTGATGCTGCAAAACCAGC  
TTGTCGTGATGTTACCTGAGTGTAACTAGAAATGACTACCCTTCTGTCTAATTCACCTCCCTTGAATT  
CTTGATGTGGTGTGTTCCAGACTACACGTTTATATTCTGTGGCATCTGCCTTACTTGTGAACCATCGTG  
GTGCACATTTGTTT

>GBEQ1718 |Acc|BM780323|Ver|BM780323.1 GI:19128555|APL1\_1\_C08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:586

CCAGTGCCAGCAGAGCTGTGGCTGGTGAACACATGTGACCCCTGCTCCCCAAAGAGAAAGTGAGC  
TCCAAGGAGTGATTCCCAATCTCTCCCTCTGGGTGCTGATCACCTAGCTCAGGGGATCAGTGAGGCTGGG  
TGGGCTGTGCGGGGGCAGGCTCAGTGTATGAGCCCTCTCTCCTTGGCTCCTCTCAGAGCCATCCCTGGG  
AAAGAGGAGACACAGGGAGGGTGGGGCTGTTGTTTCATCAGCCCCGATTAATCTCCTGCCTGTTCTCCTC  
CATCAGCGATGCGCAGAGAGAATGTTTCAGAGATTACAGACCGTTTCAGTTTGGAGGCAGCGCCGCTGA  
GCAGAGGACTCGAGAGCCGACAGGCTGCCAATGAATGGGGCCGAGCGGCAGAGACCCCAATCACTTCA  
GACCTCATGGCCTGCCTGACAAGTACTGAGCTTCTCTTCACTGCTCTCAGGAGATGGGCTGTGAGCA  
CCCTGAGGGCAGGGACACCCAGTTATTGAGGTCTATGGCCACAGAAGCCAGTGGGGGTTCACAGAATTAC  
TGCTAATAAATGCTTAAGAGATTG

>GBEQ1719 |Acc|BM780316|Ver|BM780316.1 GI:19128548|APL1\_1\_D04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:426

GCACGAGGTCCAAGTGCACTTTGGGACCTGCTTTTGGATCTCAGGACTCAACAAGGCTCGGAATGGATC  
CCAAGTCTCGTGCCCCACTGGTGGCTCCTGCACCTGTGCCGGCTCCTGCAAGTGCAAAGAGTGCAAGT  
CACCTCCTGCAAGAAGAGCTGCTGCTCCTGCTGCCCCGGGGCTGTGCCAGGTGTGCCAGGGCTGTGTC  
TGCAAAGGGGCATCGGACAAGTGACAGCTGCTGCGCCTGATGTGAGGGAGAGCCTGCTCCGATGGGAACA  
GCAACACACACACACACACACATACAGCTACTAACACATACAACCTACTGCTTTAAACATTTCTTGA  
TACAACCTGACCTTTTACCACAACCTGCCTGTTTCTATGAGATCTGTGAATTCCAATAAACNNGTTGTT  
GACTCT

>GBEQ1720 |Acc|BM780306|Ver|BM780306.1 GI:19128538|APL1\_1\_D11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:617

CTGAGAGACCCCTTTCAACCCGTTTGGAGCTGACTAATCATGCTGTTCTGCTGGTGGGCTATGGTACTGACT  
CAGCCTCCGGGCAGGATTACTGGATTGTTAAAAACAGCTGGGGCACCAGCTGGGGCGAGGACGGTTACTT  
CCGGATCCGCAGAGGAAGTACGAGTGTGCAATCGAAAGCATAGCCATGGCAGCCACGCCAATTCCTAAA  
TTGTAGGGTATACCTCCCAGCATTTTCACTGACCCCTGTGAGTCATGAAAGGGGATCGATGTATTTCACA  
GACTGGAGACTTTTACGGCAGCAATTTGAGAAGATTACAAATAGATTCTCTATGATGAAGATTTTTTGGC  
TTTAAATGAAAAGCGCGCTTGATTTTAAATGTACCTTCCCATCAACCACAGCCAACTTTTTTCTAAGTA  
CTCAAGTAATTGAGGTTTTTACGGATGCTGGTGAGCTATGAAGTAATGGATTTTGCTAATTTTGCTAATC  
ATTTGTAATGCAACAGGTGCTGTATTTTAAAAATCTTTGTGAAAGCACAAGACTTATTTTTAAATTGT  
ATACATCAGAAGGAATATGGCAGTGATTATTAATTTTTTTTAAATGTGT

>GBEQ1721 |Acc|BM780301|Ver|BM780301.1 GI:19128533|APL1\_1\_E12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:47:Stop:659

ACGGCCAAGCAGGACATGGCGCGACAGCTGCGCGAGTACCAGGAGCTGATGAACGTCAAGCTGGCCCTGG  
ACGTGGAGATCGCCACCTACCGCAAGCTGCTGGAGGGCGAGGAGAGCCGGCTGGAGTCTGGGATGCAGAA  
CTTGAGCATCCATACCAAGACCAGCAGCTACTCAGGTGGGCTGAGCTCGACGACCTTCGGGGGCTTACA  
AGCCCTGGCCTCAGCTATGGCCTGAGCTCCTTCCAGTCCAGCTTCAGCTCTGGTGGGAGCTCCGGCCCCA  
TCAAGTCTATCGGCCCCCTCGGCCATCGTGGTGAAGAAGATTGAGACCCGCGATGGGAAGCTGGTGTG  
CGAGTCGTCTGATATCTGCCCCAAGTGAACACCCCTGCCATCCCTCCAGCCTCCCCACTCCCCCTGGCT  
GCCCCGGAGGCTCTGGGGCGGGGAGCTGTGCAGGGGAGCGTTGGAACAGGAGGGCCACCAGAGGCTCAGC  
CCCAGTCTCAGCCACCCCTTGGGGGAATCTACTGCTCGGGGTACCCCTTTTCCATGCCCCCACTAAA

GGCCAATTCAAGTGTCTTTTCCAAAATAAAGCCTTTGCTGGCTCTGTCAACCC  
 >GBEQ1722 |Acc|BM780291|Ver|BM780291.1 GI:19128523|APL1\_1\_F07.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:89:Stop:642  
 CTATTACCTGAAGGAGAAGTCCCGGTCGACCGTGCAGAAATCCCTATGTTGCAGCGCTCTATAAGCAAGTG  
 GGTGCTTCCCTCTTTGGCTGTGCCATCAGCCAGTCCCTTCACAGACATTGCCAAAGTCTCCATAGGGCGCC  
 TGCGTCTCTACTTCTTGAGCGTCTGCAACCTGATTTCAGCCAGATCAACTGCTCCGAGGGGCTACATCCA  
 AAATACAAATGCAGAGGTGACGACAGCAAGGTCCAGGAAGCCAGGAAGTCCTTCTCTGGCCATGCC  
 TCCTTCTCCATGTACACGATGCTGTATTGGTGGTTTTCTTCGTGTCCGACCTCTTCAAGACCAAGACGA  
 CACTCTCCCTGCCCTCCCCCTGCTATCAGGAAGGAAATCCCTTCACCTGTGGACATTATTGACAGGAACAA  
 TCACCACAACATGGTGTAGATCCACGTGCCTCCTGAGCTGTTTTGTAAATGACTGCTGACAGCAAGTC  
 CTTGTGCTCTCCAATCTCATCAGACAGTAGAATGTAGGGGAAAACTTTTGCCCGACTGATCT  
 >GBEQ1723 |Acc|BM780290|Ver|BM780290.1 GI:19128522|APL1\_1\_F06.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:4:Stop:602  
 AAAAATGGGACAAGATGGACATGACAGAGGAGCAAAAGTTATTGCTACAGGATTTGCTGATCTTGGTTTT  
 GATGTGGACATAGGTCTCTTTTTCAGACTCCCCGTGAAGTGGCCAGCAGGCTGTGGATGCAGATGTGC  
 ATGCCGTGGGTGTGAGCACACTTGTGCTGGTGCATAAAACCCCTGGTTCCTGAGCTCATCAAAGAAGTCTCAG  
 CTCCCTTGGACGGCCAGATATTCTTGTGATGTGTGGAGGGGTGATACCACCACAGGATTATGAATTTCTG  
 TTTGAAGTTGGTGTTCCTAATGTATTTGGTCTGGGACTCGAATTCCAAAGGCTGCCATTCAAGTGTCTG  
 ATGATATCGAGAAGTGTGGAAAAGAACAGCAATCTATATAACATCTTGTGTTTTGATTTAGCTTTCTT  
 TTTCTAAAATATTCTTTCAATGATGATCAAAGAGAATACAGCCATGTCTTCAATTTAATCAACTCCTGA  
 TAATGTGCTTATCTGAAAGCTTTACATTTAAAAGCTTGATTTATAAGAATGTTGTGATGTTATAAGTGTG  
 ATGTACAGTTTCACTTTAAAAAATTAATAAATGTTCTCT  
 >GBEQ1724 |Acc|BM780289|Ver|BM780289.1 GI:19128521|APL1\_1\_F05.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:4:Stop:565  
 TATAAAAAGATAAAATAATTACAGAATAATTGAAGACACTATAGTGGAGGGCAAATGAAATGAGAAGATT  
 TTTAGTGAGTTATCTGCACACATTACATTTTCAGTGCTTTTACAAAGAAAAAAGGTGATCTGTTTCATTT  
 TAACATTTTAATTGGCTGTTCTTGGCCCTTATGTGGCTTTAATGTCTTTGAGTCTTAAATGACAGTTGT  
 AATATGATTGTAAAGTGCCGTACATTTTATCCTTGTGGGTGTGATGCACTGAGAAGTAAGTTTCCTTGG  
 TTGTTTTTTTCTTTCTTTTTTTTGTCTCACACCTATAATTTGTACAACTCTCTGGTTAGCAGCCGTAATAAT  
 GATTTAAAAAATTTAGAATGCTGTGTGTGTGTTCTTACTTGATAATCTTTATTGATTGTACTGCATTTAA  
 TGAGTATTAAATAGTGCATATTCTGTGCACCTAAAGGGTTTAGACTGTGTTTGTATTTTATGACTTGTAT  
 GGATTGGGCTGATTGACATAAGATTTTGTTCANAGTATTCTAGAACAGAATACAATATGATGCAAAATT  
 GT  
 >GBEQ1725 |Acc|BM780285|Ver|BM780285.1 GI:19128517|APL1\_1\_F09.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:7:Stop:583  
 GTTGA AAAATGAAACCATCTGGTATCTCAAGCATCATTGGCCTTGAGGAAGAAGACCCTCTCTCCAGTGC  
 TCAGTCATTGAGGTGATGAAGAGAATTCCTCTAGATGCAAAATCCCTCCAAACCCAGACCACCTCCCTT  
 GACTCGCCTGTTTTGACCATCAGCTGCCTTACTTACATCACGCCGCAATTTGAATATTTTATCCTACCATG  
 CAGCTTTTTTCTGTGCGCTTTTTCACACTTTTATGATGAATTATGTGCCTACTTAACCCAAACTGTGCTGAA  
 TCCGTAAAAATGTTTATTATGCACTCTTCTGAGATAGAAGGTGCTGTTCTTTTGAAGAAATACGGTAGTCTC  
 TCCTTGAACCTGTGGATTTGAAGATGCCCTCCTGCCTGCTCACGATGTGGGAATCAGCAAAGTGTAAAAA  
 AACTTACAAGACAGCAGGACTCCATGGGGCGGTGAGTAGGAGGGCATGTTTCAGAGGGGAGATCAGTCCCC  
 GCAGAATTACACCCAAAGTATATTTTCAGGATGAATTTCTTATTTCTGCCATCTTTTTGAATAAAATTTAT  
 TTTTCTGCTTTCTATGG  
 >GBEQ1726 |Acc|BM780284|Ver|BM780284.1 GI:19128516|APL1\_1\_G05.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:7:Stop:266  
 ACTGCTGGGGCCATGTCCCATGGGATGGGGCTCTCTGCTCAGCCTGGCCCTGATCCTGCAACTCTGGC  
 TCCTTGGCTGAGCCGCTCCCACTGTTGACACATGGACATCTTCTTGTGTTACCCAACTGGTTGACTT  
 TAGCTCAGCCAGCTCACCTCTGCAGATGAGGGGGCTCACCATGCCCTGGTCATTCTGATCCAAGAT  
 GGGTCTATGGGGTTCCTCTGACAGCCTATTCTAATAGACAGATCCACGG  
 >GBEQ1727 |Acc|BM780283|Ver|BM780283.1 GI:19128515|APL1\_1\_G04.g1\_A005 Liver (APL1) Equus  
 caballus cDNA, mRNA sequence.:Start:9:Stop:445  
 TTTGCTCCCAAGATACAATTTTTTGCATTGAAATTGCTCGAAACCGGAAGGCTGTAACAAAGCAGTTT  
 ATACCAGTGTAAAGGACAAAGAGAAGGGAGCCAAATATGGAGGAGAGAAAGGAGCTGACAGTGGAGG  
 AGAAACAGAGAAAGAAGCAACAAAGAAATCAACAAAGTGGGGAACAGCTATGTAAGGTAGACAGGGA  
 ACAACATACTAGAAGCCGTGACTCAACTGAGCCTACAAGTACCATGATGCTACTTGCAAGACCCCTTGT  
 GGTAAATGTATGTCTTGTGCAATTGAAGGACATCTTTCTAGCCTCATAATCAGGAGTTGCTCTGGTTG

TTCTCTTGCATGAAGCTAGCTTGAAGACTATTAATGGTGTCTTAGTTAATTATTTCCGTGGTATATAGTTT  
CTTGGTTCTCACCCACC  
>GBEQ1728 |Acc|BM780280|Ver|BM780280.1 GI:19128512|APL1\_1\_F11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:631  
AGCTGGTGAAGCAGAAGGTGACGCCCTACCTGGACGATTTCCAGAAGAAGTGGCAGGAGGAAGTGGAGGT  
CTACCGCCAGAAAGGTGGCGCCGCTGAGCGACGAGTTCCGCGAGGGCGCGCGCCAGAAAGTGGCAGGAGCTG  
CACGAGAAGCTGACCCCGCTGGCCGAGGAGATGCGCGACCGGCTGCGCACCCACGTGGAATCGCTGCGCG  
TGAACCTGGCGCCCTTCAGCGAGGAGCTGCGCCAGCGCCTGGCCTCCCGGCTGCAGGCGCTCAAGGACGG  
CGGCGGCGCCAGCCTGGCCGAGTACCCTCCAAGGCCAGCGAGCATCTGAAGGCGCTCAGCGAGAAGGCC  
CACCCCGCGCTGGAGGACCTGCGCCAGGGCCTGCTGCCCGTGTGGAGAGCCTCAAGGCCAGCTTCCTGG  
CTGCCATCGATGAGGCTCCAAGCAGCTGACTCCCCAGTGAGACGCCCATGGCCACTGAGACTCCTCCCG  
GCCCCGACCCGAGGGCCTCTCTCCTTGGGTTCCTTCCATCGGTTTCTTAGAATAAATGTTTCCAAAG  
TGGGATGCATGTGTGGGTGTATGTTTGTGAAGCTTCAGTTATGATTTTTAAACAATAAAAAGTTCTC  
>GBEQ1729 |Acc|BM780273|Ver|BM780273.1 GI:19128505|APL1\_1\_G08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:426  
GCCACGCCCCCTCTCCGGTGCAGACGGCCTTTTCAGCTCAGGTACCTCCGGAGGGCCCTAGTGCAGGCT  
GTGCCTTTGCCACCCCTTGGCCCTGGACCCTGCACCTTCGCCGGGCTGGGAGCTAAAGGACCCCTCCGCC  
TGGCCCGGCTGGCTCTGTGGGGCTGGGTCCCGGTCCAGGGGGCCGCTTGGTGACATTCCACGGGG  
CCCTGATGCACTGCGCGAGACCCCGCACCTCCCATGGACCCAGGGCGGGGGTCCGGCTGGGGTCCCCC  
TCCCACGCCCCAAGGGCCTGGGGTCCAGCCAGCTGCCAAGTGACCTTGTCCAGCTCCCTCTCCCAAGC  
CGCGTGAGTGTGCGTGTGTTCTGTGCTGAGCTTCTATTTCATATTGCAATATAAATAAATAAAGGAAGA  
CAGTTT  
>GBEQ1730 |Acc|BM780272|Ver|BM780272.1 GI:19128504|APL1\_1\_G07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:73:Stop:531  
CAACGGCCTGGGCTAGTTAGTCCGCTGCTCACCTGCACACCTGGCCACGCGCACGCCCCCTAGAT  
GCAGCTTGCTTTGAAGCTTTAAAGCTGTTCAATTTTGTGTTGTGTCGATTTAAAAAATGTTTGAATG  
AGGAAAAAATGGAGAACCCTGGGAAGGACCTGGTTCCCTCTGCTTGTCTGGGAAGTGTAAAGGCTCGCTT  
CCAGGAAACGCTCTCTGCTCCACTTTCCTGGAAGCTGCCTAAGCCTGTCCACGCCGCCCGAGGGCCACGC  
CCGATACTCCACGTGGCTCCGGCTGCGTCTTGGCGCAGTTGCGTTCCCTCGGGAAGTGTGCGTGGGGGTA  
GGGGGGGTGCTCGGGCCTCGTGCCGAGCCACCCCTTTCTGTACACCCAGCGCTGCCCCGCCCGCTTGTG  
TCTGAGGTGCTGACGTCAAATAAAGCCGCTAGAACCT  
>GBEQ1731 |Acc|BM735616|Ver|BM735616.1 GI:19056949|MON01\_21\_A01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:545  
ACAAAGCTTGGCGCGCGGCCCATGCGGCCAGAAAGGCGGTATCGCTCTTTTGTGCTACCTGATACTCT  
TCGCCTGCGGCGCGGTGGAGGCAGGCAAAAGAAGACGCTCGGAGAGCTCAGAGAACAGCGGCTCCGGATG  
GTGGAGCACGCTGACCTATATGGCTGTGCGGAGGAGGGCTCATGGCCGTGGGGCTTCCCGCGCTGGGCTTC  
ACGAGCGCCGCGCATCGCCGCAACTCGATGGCCGCTCGCTGATGAGCTGGTCGGCCGTAGCGAACGGGG  
GCGGCGTGCTGCTGGCGGGCTGGTGGCCACGCTGCAGAGCCTCGGGGCTAGCGGTGGCACTGGCCTCAT  
GGCCAAGATTGGTGCTTTCTGGGCTACACTGTCCACAAGCAGCTCAGCAACCAGGACGAGGATGAGGAG  
TAGCCAGCAGCTCCAGGAATCCTCTCCTTCTCCTTGCCTCCTTCTTCCGTTGAAGTCTAGAGCTTT  
CTGTTATACTTGTCAATAGCCCATGTCAAAAAACAGAAATAAACTTCTCTC  
>GBEQ1732 |Acc|BM735613|Ver|BM735613.1 GI:19056946|MON01\_21\_A10.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:651  
TTTGGGTTCAGGGGTCATTGAACACATAGGAGAACCAAGGCCTATGTGCGGCCTGTGAGAGCCTCATTT  
TAGAGACTATTCTCAGCAGCCCTGCTGTCTGGGTGGCACCATGAAGTCATGGCAGTGTTCTAGAGGTG  
GCCAGTCCCTAAAGCCCATGCTGATCCTTTCTGCTTGCAGGTTGCTGAGGGCCGCTGGGCATCTA  
CTCTGCTGTTGCTGAGTTCCCTAGTGTCTCTCGTGGTTCTCTCTACCTGGCCTGGATCCTATTCTTCTG  
GCTCTATGATTTCTGCATCGTTTGCATCACCACCTATGCCATCAATGTGGGCTGATGATACTCAGCTTC  
CGGAGGTCCAGGGACCCCAAGGCAAGGTTAAGGGGCACTGAGCCCTCATGCCAAGCCAGGCTGACCTCA  
TCTGCTGCTGCTTTGGCATTTGAGCCTTGCCAAGGGCGCCATGTCTGGGTCTCAGAAGAGTCTGCAACCC  
ACCCCCCACCATACTCGCACACAGGACAATGGACCAAAGGTGCCATGATCTTCTCCTACTCTAGTGCTT  
CTGGCTGTGTCCTCAAGGGCTGGTTTCCAAGCTCCTGCTGTTACCAAGGAGGAAGGTTCCAAGCAAT  
AAAATTTCTT  
>GBEQ1733 |Acc|BM735612|Ver|BM735612.1 GI:19056945|MON01\_21\_A09.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:700  
AAGGGGAGAGGGAGCCCCACAGGTGTCTGGGAGGGTTAGCTCTGCCTCCACCCCGGCTTCATTCCGCA  
GGACTCGCCTCATGTGGCTTTCCACATGCTGGCAGTGCTGTACACAGCAAGAGGGCTCCTGTACCTG



GACTAGGTGACTTTGTCTTCCAGACTGAGCCCCAGACCCCTTGGAGGAGCCATTGCTGTGTCAGAGGCTTG  
TGGGGTGGTGGGGGCTCCGGGAGGACCCCTCATGGCAGGGTGACCTGGGGGCGCTGCTGAGGGGCGGCTGG  
CAGGAGGTGGCCTGAGCCTGAGTTGGCACAGAGAGGGCAGGTCCACTTTCTGCAGTGTCCACTTCCCTCCC  
CTTGAGAGGGTCTGGGCTGTGCATGGGGGCCATGCATGCTCCACCTGCCAGCACCTGGAACCCACAGGG  
TATGTGTGGCCAGGAGGTATGGCTTGGGATCTGGGTCTGCTCTGTGTACATCCGCCTCTGCCCTCCCTGC  
TCAGCCCCACTTCTCTGTCTGTTCTCCTTAACACGACAGAGACTCTGAAGCCTTCTCTGCTCTGCCA  
AAGCTGGTCAGACGGGGGAGAGGAGGGGTCTGGTGAGGGGCAGCGTGAGGCCGAGGGGCCAGCTCCCT  
CACCTGTGCAGGGACAGATCTGATTTATTTATTTTGGTTAAAAAAACNCGCACGAGGGGGGGGCCCCGG  
>GBEQ1734 |Acc|BM735599|Ver|BM735599.1 GI:19056932|MON01\_21\_B11.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:572  
GAAGCCTGTGCAAAGGCCCTGTGCCAGAGGGACATGATGTGCTTGAGGAGTTAAGGCCAGGGCGCTCTG  
AGCACAAGGAGAGTGGACAGGAAGGGGAGTTACCCCTGCCTGCGGGGCCATCCTGGAGATGGAGCAGTA  
CATCCGGGAGACGCACCCCGACGCGTGAAGGTCTGCGACCTCTGCCACGGCCTCCTCATCCAGGGTCAA  
AGCTGCGAGACCTGTGGGATCAAGATGCACCTTACCTTGCCTTGCCTGCAAGTATTTCCAGTCAATTTCTGAGC  
CACGCTGCCCCACTGTAATGACTACTGGCCCCATAGATACCAGAAGTCTTCGACCCCGAGAAGGAGAG  
GGAAGCTGGCATCTCCAAATCAAAACAAGAAGCCCCCTGCGGTCCCGGCAGCACTAGCTGGCCCCGCGTGC  
CAGGGCCGCTGCCTTCGGGGACGACTGCTGCAGCCCTGTGGGGAAGAGTGGCGTCCGTGCTCCGTGGGT  
ACGTGAGCACCCCTGGATGCTTTGTGGCCACTTACTGACAGGTTTAGAATAAAGCTCGCTAAGGAGTGGC  
TGAGCCTC  
>GBEQ1735 |Acc|BM735594|Ver|BM735594.1 GI:19056927|MON01\_21\_C03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:565  
ACCTGCAGAAATATGATTGCCATGTTGGATAGAGATTACACAGGAAAGATGGGATTTAATGAATCAAAG  
AACTTTGGGCAGCTCTTAATGCCCTGGAAGCAAACTTCATACTGTTGATCAAGATCAGAGTGGCACAGT  
AGAGCATCATGAATTGAATCAAGCTATTGCTGCTATGGGTTATAGATTGAGTCCCTCAAACATTAACCTGCT  
ATTGTTAGACGTTATAGCAAGAATGGCAGAATCTTCTTTGATGATTATATTGCTTGTGTGAAGCTTC  
GAGCATTGACAGATTTCTTTAGGAGAAGAGACCACTTGCAACAAGGGGTTGTGAATTTTCATATATGATGA  
TTTTTTGCAGGGCACTATGGCAATTTGAATATTTAGAATTTGAAAGGTGAAGAAATACTGTGAATTTTTTC  
TGCTTGGAAAGAGACAAACTGGATCACTTTGAATTAACACTTTTGGAGCTTTTCCATATTCCTACTTGTTA  
AATCTTTTCCCTTTCTATGTGTTTTTGTCTTTAGCACACAGTTCAAAGCAATAAAAGAGATGTTTTTT  
>GBEQ1736 |Acc|BM735590|Ver|BM735590.1 GI:19056923|MON01\_21\_C06.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:586  
GGATGCAAATGAAGAATTTAAGTCCATGTCGGGGACCATCCAGTTGGGCGCGAAGCTCATCACAATAAT  
AATCGCCGAGAACTGACGGACAAGCTTCTCATTTTTCTTGCCTGGCCCTGTTTCTTGCACAGTCCCTCT  
ATATTGTTAAAAAGCGGCTCTTTCCATTTTGTAACTCTGAGAGCTGCCACTTTTGGCCCTTTAAGCTCC  
GGTGTGAGGATCCAGCCATGCTCCTGAGCTCTGGCCAGGCTGCCAAACCCATCCGTGTCCCCCAGTCA  
ACTCCAGTTGCTCAGCAAGTCCGATGGAAACACAGCTGCCAGGTTTCTGCAGGAGGCTGGCTTGTAAAG  
GGCAAGCAGAGCAAGCGAGGCCTGCCATCAGAATGCCTACAGGGACATGGACTCCAAGAGCCGTGCGAT  
ACCAAGGGTGGCTGCCACATGGGGCACCCGAGGCCAGCCTCCAGCATGTGATGCTCTTTCCCACTGT  
GTTTTGATGCCAGGTCTGGTGGAGGAAGAGAGAAGGGGAAGAAAGACGATGAAAACCCACGTCCATT  
CCTTGAATAAACTTGACTGTGTTT  
>GBEQ1737 |Acc|BM735587|Ver|BM735587.1 GI:19056920|MON01\_21\_D06.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:426  
GCTCGAGTTTCTTTCAAGGGGAGGACTGGAAATGTCTGGAGTCAGATAGTCTCTCTACCAAGTTTGGTA  
GGTAGGAGGCATTACATTAAGATAGTCAAAAGGAAGACAGAGCTAACAGGTAAATGGCCTTAAATGTTTA  
CTGTTGTACCCCTGTTCTTAAACAAAAGTTACAGACACCTTCCTGAAAAGAATCTGAAAATCTTACTGA  
TATTGAAAAGGAGTTCAAGGTAGATAAGGTCTTAACTCTCTAATGTTTATTGAGTTGTTTTCAGCCGAGG  
GAGACGTACGTGTTGATGTTGAACGTGGGTAGGGAAGCTGCGTGCCCGGGAATTTGTTCTATTCTGATTG  
TCCTTCCCAATCAACTTCATGTAAATCTTTGTAGAGAAATCATATTTTCTTTGAGAGAATTGCTGTGCCT  
ACAGCC  
>GBEQ1738 |Acc|BM735584|Ver|BM735584.1 GI:19056917|MON01\_21\_D03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:65:Stop:563  
NCAGGGAGAGGCAGAATTTGCCCGCATCATGAGCATTGTGGACCCCAACCGCCTGGGGGTAGTGACATTC  
CAGGCCTTCATCGACTTTATGTCCCGTGAGACGGCCGACACAGATACAGCAGACCAAGTCATGGCTTCCCT  
TCAAGATCCTGGCCGGGGACAAGAATATATCACGATGGACGAGCTGCGCCGGGAGCTGCCGCCCGACCA  
GGCCGAGTACTGCATCGCGCGGATGGCCCCCTACGCCCCGCCCCGACGCGCTGCTGCTGCTGCTGACTAC  
ATGTCTTCTCTCCACGGCGCTCTACGGCGAGAGTGACCTCTGACCCGCCCCGGTCCAGCGCCCTCGC  
CCCCGACGCTGAGCGCCCGCCCTGCACCTCCGCTGCCCCCTCCCCCGCCGGGTGTGTTTCCGCTCAGC

CTCGGCCAGGGCGAGCTGGGCCCCACGTGGCATCGAGCCTCCCTGCCCCGTGAAGTGACAGTTTACAAATT  
ATTTTCTGC

>GBEQ1739 |Acc|BM735582|Ver|BM735582.1 GI:19056915|MONO1\_21\_D01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:530

TGGCTGCATACTTCAAATAAACTATTTTCAATATTTAGTTTTGTCACAAGAAATTTATGGCTGTACTA  
CTCTCATTACTAGCAGTTAAATAGCATAGAACTAAAAACCTATCTGTTTCCGTTTTTTCTTTCTGTGTG  
GTTGTGGTTTTTTAGGACAGACAGTGTAGGAGAGAATTTTCTTGATCATGTCAAGATCAACATAAAATCT  
CCTTTGTCTGTTTCATTTCTCCTAAGTCTACTGTCTGTACCTGAGCTGAGATGTTGTGTATTCCAACC  
ATTTGTGTATTTGAAGACATTTCCAATTTGACTCTCACGGGCTCTTTTGATTTATGCACAGATGGTTCCA  
TTGCTTCATGGTGGACCCATCAGAGCAACTAGTCAGCCTGCCCGCCAGTGTCTGAGTCCCAGCCCCTTG  
TTAAACAATATTTAAAGATTGGAATTTGTGTAAAGTAGCTTCCGAGTTTTATAACGCCTCATTTTACATC  
TTTCGTAATTAAGCAGCACAATAAGGTGGCATCTG

>GBEQ1740 |Acc|BM735576|Ver|BM735576.1 GI:19056909|MONO1\_21\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:74:Stop:633

TCTTCGGCCTGGGTCTTACCATCTTCATCATGCACATCTTCAAGCACGCCAGCCTGCCCTCCTGTACCT  
GGTCCCTGCCTGCATCGGCTTTCCCATCCTGGTGGCACTGGCCAAAGGAGAAGTGACAGAGATGTTTCAGT  
TATGAGGAGTCAAGCCCTAAGGATCCAGCGGAGTGCAGAAATCCAAAGAGGGGAACAGAGGCCCTCAGCAT  
CAAAGGGGCTGGAGAAGGAAGAAATGATGCGGCTGCTGCCGTGACCTCTGAGGGCCAGACCAGACAGG  
CAGGGATGGACCAGCACAGGCTGCACAGGCAGAGGCCCCAGGAGGCCAGAGCTCCAGCAGAGGGGCG  
CATGTGGCAGGATCCCTCCAGCAGGGCCTCTGGGGCCTGCCCTCCCTNCTCCCCCTTCTCTGGCCTCCCTC  
TGCCCTCCCCATCCCTGCAGGCAAAGGAAGCCCCCAACTTCGCCCACCCCCAGGTGCCAGGTGGGAAAT  
GTGGGTCTGATTTTTAGATTTTTGTATTGTGGACTGACTTTGCCTCACATTAAAACTCATCCCTTGCTC

>GBEQ1741 |Acc|BM735575|Ver|BM735575.1 GI:19056908|MONO1\_21\_D10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:663

ATGACAGGAATGACAGCTGACAGCAGATCNCAGGTACAGAGGGCACGCTATGAGGCAGCTAATTGGAAGT  
ACAAGTATGGCTATGAGATTCCTGTGGACATGCTGTGTAAGAATTTGCTGATATTTCTCAGGTCTACAC  
ACAAAATGCTGAAATGAGACCTCTTGGTTGTGTATGATTTTTAATTGGTATAGATGAAGAACAAGGCCCT  
CAGGTGTACAAGTGTGATCCTGCAGGTTACTATTGTGGGTTTAAAGCCACTGCAGCAGGAGTTAAACAAA  
CCGAGTCAACCAGCTTCCCTTGAAGAAAAAGTGAAGAAGAAATTTGATTGGACATTTGAACAAACAGTGGGA  
AACTGCGATTACATGCCTGTCTACTGTTCTATCAATTGATTTCAAACCTTCAGAAATAGAAGTTGGAGTA  
GTTACAGTTGAAAATCCTAAATTCAGGATTTCTACAGAAGCAGAGATTGACGCTACCTTGTGCTAG  
CAGAGAGAGACTAAACATTTAGTTAGTTTACCAAATCCATGATGCCACTGGCCTGTGTGTTTGGTAACA  
ACAGACCAACATTTTGGAGGGCCCTGGATTGAAAAAGGAACCTCTCCCACTCCTGCTGCCACTGAAGTCG  
TTAGGACTCTATAAATAAAAAACAGTGCTTTGG

>GBEQ1742 |Acc|BM735572|Ver|BM735572.1 GI:19056905|MONO1\_21\_E10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:617

AATTGGTACAGAAATTCATTGGGGAAGGGGCAAGAAATGGTGAGGGAGCTGTTTGTATGGCAGCAGAAACA  
TGCTCCATCCATCATCTTCATGGACGAAATCGACTTCATTGGCTCCTCAGACTGGAGGGAGGTTCTGGA  
GGGGACAGTGAAGTGCAGCGCACAATGCTGGAGCTGCTCAACCAGCTGGATGGCTTTGAGGCCACCAAGA  
ATATCAAGGTTATTATGGCGACTAATAGGATTGATATCCTGGATTACGCGCTGCTTCGCCAGGGCGCAT  
CGACAGAAAAATTTGAATTTCCACCCCCCAACGAGGAGGCCCGGCTGGACATTTTGAAGATCCATTCTCGG  
AAAAATGAACCTGACTCGGGGGATCAACCTGAGAAAAATTTGCTGAGCTCATGCCAGGAGCATCAGGGGCTG  
AAGTGAAGGGTGTGTGCACCGAAGCTGGCATGTATGCCCTGCGGGAACGGCGAGTCCATGTCAACCCAGGA  
GGACTTTGAGATGGCAGTAGCCAAGGTCATGCAGAAGGATAGTGAGAAAAACATGTCCATCAAGAAGCTT  
TGGAGTGGAGGTGGCTGCTTTGTGTGGATCCCTCAAATAAAGGTCTGCAGG

>GBEQ1743 |Acc|BM735564|Ver|BM735564.1 GI:19056897|MONO1\_21\_F05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:404

GCACGAGTCGGCCCTCCATTTGGCTCCCCGGTTTGCAATATGGAGGAAGGAAGTTGAAGGAGAGGCAAC  
TCCTCTGTCTACCCACCCGTCCTTCCAGCCCTCGACACTAAGGAGCAGGGGTTGCTGGACCGCCCCCT  
CCCTCCCCATCGCCACCCCAAGGTCCTTGTGCTGATTAGGAATGGTCACCCCAACACTCGTCTGAA  
GGCAGGACGACTTGGAAAAGGAGGCGGAGGATTTGGCCAGAGGGATGGAGACTGGGGGTGACCCCTGTC  
CTGGCTGTCTCCATTATACACACTGGACACCATCACCTCTTTGGAATGCCAGACCCCGGGGTCCCCA  
GTGAGCAAAGGTCCGTCCCTGTCCCTTTATCTGTCTGTGAATAAATGTGAGTTC

>GBEQ1744 |Acc|BM735552|Ver|BM735552.1 GI:19056885|MONO1\_21\_G10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:13:Stop:641

GCTGTGCCAGGGGCTGCTGGAGGAGTCGGATGGGGAGGAGCCGGGCGAAGGCCAGGAGGAGGAGCG  
GGGGCCGGAGGAGCCGAGCCGGGAGGAGCCGAGGCTCGCCTGTCCCAGCCGCCAGCCGCTCGGAGA



AGAAGACGGAGCAGCAGCGGGCGGGGAGAAGGCTGCACGGACCCTGCGGGTGCAGCAAGCCGCGGTACG  
GGCTGCCCGGCTGCGACACCAGGAGCTCTTCAGGCTGCGTGGGATCAAGGTGCAGGTGGCGCGGCGGCTG  
GCCGAGCTGGCGCGGCGGGGAGCAGCGGAGGGCCCCGGCGGCTGGCTGAGGCGGACCGGCCCCGAGGC  
TGGGGCGGCTCAAGTACCAGGCCCCGACATCGACGTGCAGCTCAGCTCGGAGCTGTCAGGGTTCGCTCAG  
GACCATGAAGCCCCGAGGGCAACATTCTCCGTGACCGGTTCAAGAGCTTCCAGAAGAGGAACATGATCGAG  
CCTCGGGAGCGAGCCAAGTTCAAGCGCAAGTACAAGGTGAAGCTCGTGGAGAAGCGGGCCTTCCGCGAGA  
TCCAGTTATAACCGCTGTGCCATGCTGGAGCCCGCACCCCTCAATAAAGCCCCCTGACCCCCACCTCG  
>GBEQ1745 |Acc|BM735551|Ver|BM735551.1 GI:19056884|MONO1\_21\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:652  
GCTGTATACCCGCTTGAAGCACCGCCACAGTATGTTTTGCCAACCTATGAAATGGCAGTGAAGATGC  
CGGAAAAAGAACCACCGCCTCCTTACATACCTGCCTGAGGAACTCTGCCTTTGTCAATAAACCTACAC  
CAGCTTTTTTGTCTTGTATTATTTACAGAATGCTGCAATACAGGGCTCTTAAACTAGTTTGATATAAAAT  
ACGTTTTCTCTTTGTTTAAAGCATTTATTATCAAACTAACAAGCTTTTTGGACATCTATTAAAAGTCAGT  
TTTTTTTGTAAAGTATTAAATTTTAGTAGTTTTTGAAGACAATCTAGGTTAAGCAAGAGCGAAGGCC  
ATTGTTTGCCTTTGACGGGGTGGGAGGGGGTGTCTCTACACATTGTCTTTTTAACTTTGCACTTTCTT  
TATGTAATAGTTTGCATTTTGGTTATTTGCTGCCCTGGATACTTTCAGGAAGGATGAGTTAGATGTTTCAG  
GGCGAGTGAGTTGGGTATAAGATCTGAAGTTTTTCAGCTATGAAACAGGAAAAATATATAACATTTTAA  
TTGACTGTGGAAGATGACGGTTGCATGTTCTAATTTGTATGTTTCCGTCTTTGTGATAAGATGCTTTAA  
TAAATCTCTTAAAC  
>GBEQ1746 |Acc|BM735543|Ver|BM735543.1 GI:19056876|MONO1\_21\_H05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:74:Stop:665  
CCGAGTCAGGAGCGCGCCGACCTGGGAGCACGCCCCGAGAGCGAGGAGCCAGAGCGGAAGCACAGACG  
ATGGCGCTGAAACGGATCAATAAGGAACCTTAGTGATTTGGCCCGTGACCCTCCAGCACAAATGTTCTGCAG  
GTCCAGTTGGGGATGATAAGTTTTTCTTTTCTAGTGTTCCATTGGCAAGCCACAATTATGGGACCTAA  
TGACAGCCCATACCAAGGTGGTGTATCTTTTTGACAATTCATTTCTACAGACTACCCCTTCAAACCA  
CTAAGGTTCATTTTACAACAAGAATTTATCATCCAAATATTAACAGTAATGGCAGCATTTGTCTCGATA  
TTCTAAGATCACAGTGGTCTCCTGCTTTAACTATTTCTAAAGTTCTTTTATCCATTTGTTCACTGCTATG  
TGATCCAAACCCAGATGACCCCTAGTGCCAGAGATTGCACGGATCTATAAAACAGACAGAGATAAGTAC  
AACAGAATATCTCGGAATGGACTCAGAAGTATGCCATGTGATGCTTCCTTAAAGTCAGAATAACCTGCA  
TTATAGCTGGAATAAACTTTTAAATTACTGTTT  
>GBEQ1747 |Acc|BM735536|Ver|BM735536.1 GI:19056869|MONO1\_21\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:104:Stop:645  
GTTCCCTGCAATCAAGGCCATGCTGTCCATCGACGTGGCTGAGTGAAGGGCTCAGGCGGCCCCATACAA  
ACTTGGGTAGCAGCGAGGAGGCTCAGCTGTGGAGTGAGCCCCCTGCCCATGCTGTCCAGCCTGGG  
AAACCCACTCCGTCCCCCAAGGCGGCTGGACGTGGACCTCCAGCCTCCAGCACACAACCCCCCTCACTC  
TCAGGCTGGGCTGGCTTACCCTGGCCCGTGACTTGATCACTTTTGCACATTCCCTGGCTGTTTCTCCCC  
GAGGCTGCCTGCTCTGTGAGCCCCATGGCACCCCCCGCCCCAACCTTCACGCCCATCAATGCTGCAGGA  
CAGAGTGGCACCTGACCCAGCGACCCCTCCGAATGGATGCTCAGGGAGAAGTCGGTCTGGACTGTTTGCTG  
ATCCCCAGCCTGCAGTTGGGACATTCTGTCTACTCCCTCAGGCCACTGTGGAGGGGAGGGGATGGTTAAC  
CATCTGTCTATGGCACTCGCATCCTTATACGCAAAATAAATGTTAAAAAGCGC  
>GBEQ1748 |Acc|BM735534|Ver|BM735534.1 GI:19056867|MONO1\_21\_H10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:512  
GCACGAGGGGTGGTGAAGCAGAGGATGAGCCACTGCTTGCTGAGGTGACCTGGCTCCCCTAGGGGCTC  
TAGTCACAGTGACAACAACCCATTAGAGGGCAGCTCAGCCTCCCTTCCACTTCTTCCCTCCTCAACCCTC  
TGAGGGGCGCTTGGTGGGTAAATGCCATAGGTTAGATGTCCCTCAGACAGAGAGAGGGCTCACACAGAGCT  
CCCTCTGTCACGTGAGCCAGAGACCAAGTCTCCGCCACCACCTCTCCCCACACCACCACCATTCAGGTGG  
CTGTTTTTAAAAAGTTAAATTCTCAAAGGATCATAGGCCTGGACACTCCATCCTTGCCAAACCCCCACCC  
AAAAGTGACCTTAAGCACAAGAATGCCAATTGGCTGGAGACTTCCAGCCTCCAAGGGGAGCATTTGGGCA  
GAGCCTGAACCTAAAAGAAGAACACAACAAATGCTTTTATCCCATAGCTAGGTTATTGCCAGAAAGTCA  
AGGTCGAAAATAAAGGAATCAG  
>GBEQ1749 |Acc|BM735533|Ver|BM735533.1 GI:19056866|MONO1\_21\_H08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:573  
CCGCAGAGGTAAGTGAATTTGGCAGGAAATGCATCAAAAGACTTGAAGGTAAAGCGCATTACTCCTCGTCA  
CTTGCAACTTGCTATTCTGGAGATGAAGAATTGGACTCTCTCATCAAGGCTACAATTGCTGGTGGTGGT  
GTCATTCCACACATTCACAAAGTCTCTGATTGGGAAGAAAGGACAGCAGAAAGACTGTCTAAAGGATGCCTG  
GATTCCTTGTTATCTCAGACTCTAAATACTCTAACAGCTGTCCAGTGTGGTGATTCCAGTGGACTGTA  
TCTCTGTGAAAAACACAATTTTGCCTTTTTGTAAATCTATTGAGCAAGTTGGAAGTTTAAATTAGCTCTC

CAACCAACCAAATTTCTGCATTCGAGTCTTAACCATATTTAAGTGTACTGTGGCTTCAAAGAAGCTATT  
GATTCTGAAGTAGTGGGTTTTGATTGAGTTGACTGTTTTTAAAAAACTGTTTGGATTTTAATTGTGATGC  
AGAAGTTATAGTAACAAACATTTGGTTTTGTACAGACATTATTTCCACTCCAGTGGATAAGCTCAATAAA  
GGTCATATCCC

>GBEQ1750 |Acc|BM735527|Ver|BM735527.1 GI:19056860|MONO1\_19\_A11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:580

CCTCGGAATAGCTGAGAAGAGGGTGCACAGTTCACCCCTCGCAAAGGTGGGGGTGCTGCTGGAGTCCCTG  
AGTGGTTTGAGTTAATGAAGCTCACAGCCGTCCTTTGCCCGGCTCCTCCACCTCGGCTGGTTCACCC  
GCCACTGGGACCGGTTGCGGCTTCCCCTCCGCAGAGGCTCTGACTAGCTTTCCCCCGAGTCCCTGCTGCAA  
GGCCTACGAGTACATGGGCTTCATCATGGAGAAGGAGCAGTCTACAAGGACGCAGCCAACAACCTACGAG  
CTGGCCTGGAAGTACAGTCAACAAGCCAACCCCTGCCATTGGCTTTAAACTCGCTTTCAACTACTTGAAGG  
ATAAGAGATACGTGGAGGCCATCGAAGTCTGCCACAATGTCCTCAGGGAGCACCCCAACTACCCCAAAAT  
CAGAGAAGAAATTTTGGAAAAGGCCCAAGGATCTTTGAGGCCCTAGCTGTCGTCACTGGGAGCCAGTGTG  
GGTGCAAGCCATCAACCGACAGAAGTTTCATGGAGGGTGTAGGAAGTGGGTCACTGGAGAAGAGGTTTCAG  
AAATGACATATTTCTTCCCC

>GBEQ1751 |Acc|BM735525|Ver|BM735525.1 GI:19056858|MONO1\_19\_A09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:26:Stop:648

CTTCGAGAAGCGCTTTTCAGATGCCTGAAGAAGCAGCCACCTTGCAGCTTGGGCGCTTGGCTCACTTCAG  
CCAACACTGAGTATTTATTTGTACACAGACCACAGGGGAAGGCCACTTTCTTCCCTTGACGTGTGTGTTT  
CCCCCAGCTCTTCCACGTATGTATTAGGAAATGCTACTGAAGCTGTCTTTGGGCTGTGTCTATGAAAG  
GCTTGGCGCGCATGTGGCATCACTGGGGCCGAGGCATTTTCTTCTCAGCAAACAGCTACTAGCAGAAAC  
AGGATAAACCAAGTTGTCTGTAGAAGCCACAGGGTCCCCCTGGCATCGTGTCTTTTCATCTGGAGTGGGGC  
GGACACAACTAAGGAAACGCCCTGAGGCCAGTCAAGGACTGTGTGGGGAGGTGCTCCACAGACATCTCTCT  
GTTACTAACCTTCTGGAAGGCTGTGTGGCAGTTTTTCTTTTTTCCACCACCTGCTCTTTTTTAATAATT  
GTACATAATCAGTGTATTTGTTTACCTGCTCATCTTCTAAACTGGTGGGCCCTGTAGTTGATTTCATCAT  
TGTTAGGTTTTTGCCTTCCGACAAGTGTACCCAACCTGTAATAAACTCTTCGTTATTGACAAAC

>GBEQ1752 |Acc|BM735518|Ver|BM735518.1 GI:19056851|MONO1\_19\_B06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:266

GCACGAGCGGCACGAGGTGCTCATCGATGCAGATGGGCTGTGGCTGATCGCTGAGCAGCCGGCGCTGATC  
CAGGGCTATCAGAAGGCTGTCTCAGGCCCAACCACGCGGAGTTCAGGAGACTCTCGGAAGCCGTGCTGA  
GAGACCCCTTGGACAGCAGTGTATCCCCACGAGCTGTGCTGAGGCTCAGCCAGGCCCTGGGGAATGTGAC  
CGTGGTCCGGAAGGGGAGCGGGATGTGATCTCTGATGGCAGACAGGGCTCGAGGG

>GBEQ1753 |Acc|BM735512|Ver|BM735512.1 GI:19056845|MONO1\_19\_C03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:29:Stop:597

CTGTGGTGTGTCAGTGGTTCCCTGTTCCCTTGGGGCCAAAGCTTGTACCCCTGCACCACTGCCCTGCCGT  
CTCAGCTGTCTGTGCCCACAGACCCCAATATCTTGAAGCTGAGTGGGAAGGTCCTGCCGTCTGTGAC  
CTTGCTCGACGCTATGGCCTTCGGGACGTGGATGGCCGCCCGTTGATGACTATTTCTCTTTGAGCTCCG  
TTCTCACCCTGTCTCCAGCCTGGGCTGGCTGGCTGGCTTCTTGGCCAGCTTCTCCGTGTGCCCAAGTG  
GATTTTGACCCCTCTACACCAGCAAGTTCTAAACCTCCTGGCCTGACGTCACAACCTCTGCTCGTCTTCTCA  
TTCAGGCTGGGTGGTTGGGCTGTCTCAGTGGAACTGGCGGCTTTCTGCTGCCACATGCCCGTGATA  
GGAAGAGAAGGCCCCCTCTGTGTCTGGGGGAGCCTTGAAGGCTTAAAGGTTTCATCTGTGTTTCTTGGTC  
TTCCTTGCTCCTACAGTTTACTTTTTGCCTTAGTATTGAAAAATTCTCTGGGACTAATAAAAGTCTTAT  
TTCTTCTTC

>GBEQ1754 |Acc|BM735511|Ver|BM735511.1 GI:19056844|MONO1\_19\_C02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:636

TGATAGACGACTTGAAGTCAGAACTGAGTGGCAACTTCGAGCGGNGTGATCTTGGGGATGATGACGCCCA  
CCGTGCTTACGACGTGCAGGAGCTGCGAAGGGCCATGAAGGGAGCTGGCAGGATGAGGGCTGCCTGAT  
TGAGATCCTGGCCTCTCGGTACCCGAGGAGATCCGGCGCATAAACCAGACCTACCAGCTTGAATACGGG  
CGGAGCCTTGAAGATGACATTCGCTCTGACACGTCTTTCATGTTCCAGCGCTGCTCGTGTCTCTGTCCG  
CTGGTGGCAGGATGAAGGAAATTACCTGGATGATGCTCTCGTGAGACAGGATGCCCAGGATCTGTTTGA  
GGCTGGAGAGAAGAAATGGGGGACAAATGAGGTGAAATTTCTAACCGTTCTGTTCCCGAATCGAAAT  
CATCTGTTGCATGTGTTTGTGAATACAAAAGGATATCACAGAAGGATATTGAACAGAGTATTAAATCTG  
AAACATCTGGTAGCTTTGAAGATGCTCTGTAGGTATAGTAAAGTGCATGAGGAACAAACCTGCATATTT  
TGCTGAGAGGCTTTATAAATCTATGAAGGGCTTGGGCACCGATGATGACACTTATCAGAGTGAAGTTC

>GBEQ1755 |Acc|BM735508|Ver|BM735508.1 GI:19056841|MONO1\_19\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:40:Stop:404

AGCCGGAGCCTTGGGCTTGGCCACCTACGGGGCGCACGGCGCCAGTTCCCGGATGCCTACGGGAAGGAG

CTCTTTGACAGAGTCAACAAACACCACTTTTTACACAGCCTGGCCCTGTTAGGGGTGCCGCACTGCAGAA  
AGCCCCCTTTGGGCTGGGTTACTGCTGGCCTCTGGAACCACTTATTTTGACCAGCTTTTACTACCAGGC  
TTTGAGTGGAGACCCAGCATCCAGACTTTGGCCCTGTGGGAGGGAGCCTGCTACTCTTGGGCTGGCTT  
GCCTTGGCTCTTTGAGCTTCCTTGTATTTAATTTCTGGGTACTTTTTTGAGAGTTGGAGCAGGGAGGCCA  
TTAAAAGAGAAAGGC

>GBEQ1756 |Acc|BM735504|Ver|BM735504.1 GI:19056837|MONO1\_19\_C12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:388  
GCACGAGCCACCCCATGCAGATGAGCGCCCTGGGGGGCTATTCCTCGGTGAGCAGCTGCAATGGCTACG  
GCAGGATGGGCATTCTCCACCAGGAGAAGCTCCCAAGTGACTTGGATGGCATGTTTATGAGCGCTTGGGA  
CTGTGACCTTCTCTCCATCATTCGGAACGACCTCATGGATGGAGATACATTGGATTTTAATCTTTCAAT  
GTGTTGCCCAACCAACCTTCCCGCACAGTGTCAAGACAACGACACACAGCTGGGTGTCAGGCTAAGAGT  
GAGTGAGTGAGCAGGCTACACTTAAAGTACTTCAGATTGCTGTGACAGCAGGAACAGAGAGAAGCAGTCC  
AAAGATGTCCTTACCCCTCCTTTTCGTTTCTTGTGATT

>GBEQ1757 |Acc|BM735498|Ver|BM735498.1 GI:19056831|MONO1\_19\_D09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:636  
ACCTTCACACAGAGGCCAGCCACGCCGTGTCCCCACAGACCACAGAGCCACAGCCGAGACCAGCACAT  
ATGCAGCCCTTGCCAGACGCTGACCACAGGCCACCTAGCCTCTGCACCTAAAGACACAGGACGTCACCTC  
TTGTAAAAGCCTGACGTGGCCATTTGGAGAGCTTCCCTATGGAATCATCTCTTCTGGAAAGTCATCCAG  
TCTCTTACCCGGAGCAAGAGCTGGAGTTGGGGGATTCCCTAACCAACATGTGGGAGAGTAGTTAACCGT  
GTGGTACCTCCTTCAATCAACTAGCTCATTTGGAGAGCACACACAACACTTGCTTTTGGAGACCCAGCTAC  
AGTCCCTTGGCTGTTTCCAGAGACCCAGCTACAGTCTACAGTCACCCAGCTGCTTCCAGACATGCCATG  
AATTTCCAACCTGCCCCAGAGACTCTGTTTAAATTGTCTGCCAGCTGACTTTGAAGACTTCATAGAGTT  
CAGTTACTGACCTTGAACTGGGCTCTACTTAGGCAGCTGATAGCTAAGACCCCGTTTTCTGGATCATGC  
TTCATTTTGTTCATCAATAAATTTTTTACAGGCC

>GBEQ1758 |Acc|BM735497|Ver|BM735497.1 GI:19056830|MONO1\_19\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:645  
GGCCCGGACTCCCCGTCCCGTGTCCCGAGCTCCAGACTCCCCCGACCTGCCCCTGCCACGGCCCCAGC  
CTTGACCTGTTTGACTTGAGGGAAAGGGAGGAAGGGCGCGCGGGACGCGGGCGACAGGAGGGCGCGTGGG  
CAGGCAGGGGACCTTGCCCAAGGCGAGAACGGCGCGCGCCAGCGCCGCTCCTAGACTCGAGCAGAGCCA  
GAGAGAGACGAGGGGTGGGAAATCCCGAGCAACTTTTCTCCAGGCTGGAGGGCGGCAAGGCATATTCC  
CGAGGAGTCGCCAAGGCCGTCTGGAGACTCCTGGCTTCCCTGAACTTTGCGCGTTAAGCCAGGGCCCCCGC  
CTCGCGGCCAGGAGCGCAATCCAGCCCAGGAAGAGAGCAGCGAGGAGAGGAGAGGAGAGGGACCTTGGCG  
TCCCGTCAGGCGCGAGGCGAGGCTGAGCGAAGGAAGGAAGGAGAGACAGCGATCTGTCTATCCAGGGT  
ACGGAGAACACTGGCTCTCAGCCTGGAGACGCGGGCCTCAGGACGTTCTCCGCGCAATCTCATCAGTTT  
TATTGCTGCTCGATTATATAGAAAAATACGAAAATCTGCATTAAAAATATTAACTCTGCATGCTGGAC  
ATGTATGGT

>GBEQ1759 |Acc|BM735494|Ver|BM735494.1 GI:19056827|MONO1\_19\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:620  
GCACGAGACCTCATCTCACGGGTGGGAAATGAGAAGACCCTAAAATGTGAGCAAAATCTGAGCCATAATG  
CCATGTACTGGTATGTCCAGGACTCCAAGAAATTGCTGAAGATCATGTTTTCTACAATAATAAGCAACC  
CATGTGCAATGAAACAGCTTCAAATCGTTTCTCACCTCACGCTCCTGACAACGCTCATTTAAACCTTCAC  
ATCAACTCCCTGGAGCCAAGCGACTCTGCTGTGTATTTCTGTGCCATCCCCGGGACACCCGATATAATTC  
GCCGCTCTACTTTGGGCCCGGACCGAGGCTCACTGTACAGAGAACCTGAACCAGGTGACCTACCCAAG  
GTGGCTGTGTTTGAACCTTCGGAAGCAGAGATCTCCCGCACCGAGAAGGCCACGCTCGTGTGCCTGGCCA  
CAGGCTTCTACCCCGACACGTTGGAGCTGAGCTGGTGGGTGAATGGGAAGGAAGTCCAGACTGGGGTCAG  
CACGGACCTCTAGCCCTACAGGGAGCAGTCAGATGATAAACCAGCTACTGTCTGAGCAGCCGGCTG  
AGGCTCTCTGCTGCCCTTCTGGCACAAACCCCGCAACCACTCCGCTGCCAAGTCCAGTCT

>GBEQ1760 |Acc|BM735491|Ver|BM735491.1 GI:19056824|MONO1\_19\_E05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:41:Stop:663  
CCTGGCCGATGAGCTGGTCACTGCCAGGGCTATGAGAAATTGCTCAGGGCAGTTTTTGAGGAGGCTGGC  
TATTTAAGGACCTAGAAAGGAAGCAGTCTGCACAGGAAAGGAGGGCTAAGGGCCTGGTGTGTTGAGA  
CCTTGGAACAACGCAAGGCACATAAAGAACTGTCAAAGGAGATTAAGAGACTGAAAGCGTGCTCAC  
CCAGCATGGTATCCCCATGGGAAGCCTGCAGAAACTTCCAGCTCCGAGCACTTGGGCCCAAGACACCC  
ACAGACAGGACAGCAGAGCAGCTACGAGGTGACCCGGGACTGCGTGGGAATACCTTGTGACCTGGGACGG  
GTTTGGAGGACGAACAGACTGTGGCATCCTGTGTGGGAGGGGCAACCAGGCTGGGACCAGGTCAGAG  
GCAGAAAGGTCTGGGCAGGTACACTGCAGCCAGAGGACGCCTTCCCTCCGTGACTCTCAGGCCAGGCGGC  
TCACAGGTTGTGCTCAAAGATGTAGACAAAGTAAAGAGTCAAAGTTTAAATTAATTCCTACTGATAAA

AATAATTCCATGAATTCTGTAAACCATCGCATAAATGCTATAGTGTAACCAAAAAAAAAAAAAAAAAA  
>GBEQ1761 |Acc|BM735479|Ver|BM735479.1 GI:19056812|MONO1\_19\_E08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:604  
TGTGGGCTGCTGTGGGGCCTGCAAGGAGAACTACTGTCTTATGATCACGTTTGCCGTCTTCTGTCTCTT  
ATCACGCTGGTGGAGGTGGCCGAGCCATAGCTGGCTATGTCTTTAGAGACAGGGTAATGTCAGAATTTA  
GTAAGGACTTCAAGCAGCAGATGCAAAATTTATCCAAAAGACAACCACACTGCTTTGATCCTGGACAGGAT  
GCAGGAAAAATTCCTGCTGCGGCGCAACTAACTATACCTGACTGGGAGACCATCCCTCTCCCGGTCAAG  
GGCCAAGTCCCTGACTCCTGCTGCGTCAATGTCACTCAGGGCTGCGGGACTAAGTTCACCGAGAAGGACA  
TCTATACCAAGGGCTGTGTGGAGAAGATTGGGGGCTGGCTGAGGAAAAATGTGCTGGTGGTGGCTGCAGC  
AGCCCTGGGCATTGCTTTGTGGAGGTCTGGGAATTGTCTTTGCTGCTGCCTTGTGAAGAGTATCCGA  
AGTGGCTATGAGGTGATGTAGGGGGTCTGGTCTCTTCAGCCCCCTCATCTAGGAGAATGGGGCAGTGTAC  
TCCAGGTTTTTCAATTAACGATTATTTTTCCAG  
>GBEQ1762 |Acc|BM735473|Ver|BM735473.1 GI:19056806|MONO1\_19\_F07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:462  
GCACGAGCCGAAGTGTGAAGAGCGCATGCGTGCAGCCCCCTCCTTCTTTCGCTCGTTCGATCCGAGAAA  
GCAAGATGGGTACCAAGCAGCTCTACTGGAGCCATCCGAGGAAATTCGGCCAGGGTTCTCGGTCTTGCCG  
CGTCTGCTCGAACCAGCAGGCTGATCCGGAAGTACGGCTCAACATGTGCCGCCAGTGTCTCCGCCAG  
TACGCCAAGGACATCGGCTTCGTGAAGTTGGACTGAGTGACCTTCCACGAATGCGTTATCCGAGACATCT  
CCCGACGACAGAAATGAGCTAGTTATTTGTACATAAAATAAAAAAATACTTCAATTATGGGTGTTTTAA  
CGTCAATGGAATAGTCAATTGATTATGGAAATCCTTTTAAATTTACTATTTCTCAGTGGATTATCTTC  
AAATATGTGGCTTATGTTTTCTCAGGTAAAGTATTTCATGCT  
>GBEQ1763 |Acc|BM735471|Ver|BM735471.1 GI:19056804|MONO1\_19\_F05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:28:Stop:645  
CAACCATATATGATGTGCTGTCAACAAAACCTGTCTCAACAAGCTGACGGTATACACGACCTTGATGGA  
TGTCACCAAAGGTGCTATTTGAAAGTTACCTGCGGGACTGCCAGACCTTGATAGGTTGGTGAGCACAC  
CTGGCCTACAGAAGGCGCTGTGACCTGGAGATGGGACTCGCACGCGCCGAGTAGTGCTGCCTGGTGACT  
TCTTCCGAACCTTGAGACTCGGGGCGGGTCTCTTTGGCAGCTGTTTGTCTTCTGGGTAGGTTTGCA  
GTTCAAGGCTGTTTTTGGCGTGACGGTTGGTTGATCTTATTTACAGAAGACTTCTTTAAGTGAAGTACA  
CCAATCGTCTGAAATTTGCCGAGTTTCTATTTCTCTTTGACATTTCCGGATGGGGACGGGTGATTCAACTA  
TTGTGGGACCCACCTCCGCGGGCAAAGCAGGATTCTCTGTGGGCATTGAATCTGGTACGCTCTGTGTGAGT  
AATAGTTAAATAGTCCACAGTGTTCAGTTTTTCACTTTTTTCTACATATTTGTATGTTTTTCTGTATA  
GCAGTCTTTTGTCTTCTAGTTCTAACTGCTTAATAGTAGTTTTTAATAAACTGATACACC  
>GBEQ1764 |Acc|BM735469|Ver|BM735469.1 GI:19056802|MONO1\_19\_F11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:355  
GCACGAGAGACAAGACTGCTCCTCTGCCACCTGGGGAACCTGGGTTGTGAATGAGGGACTCTCCAT  
CTTTGTCAATTCTGGTGTGGCTGGGCATGAATGCCTTCTCTTTGTATGGTACTACCGGGTTTATGACAAT  
AGAGAGCAGTTCTTTTACACTCGAAAACCTCTTGGGGCAGCGCTTCCGTTGGCCAGGGCCCCCTGCAGCCT  
GTCTGAATTTCAACTGCATGCTGATCCTGCTGCCGGTCTGTGCAAACTGCTCTCCTTTCTCAGGGGTTT  
CAGCGCTGCTGCTCAACAAGAATTGGAAGACAATTAGACAGGAACCTGACCTTCCATAAAATGGTGGCA  
TGGAT  
>GBEQ1765 |Acc|BM735465|Ver|BM735465.1 GI:19056798|MONO1\_19\_G02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:433  
TTCGGAACCAAGCCCTGCACCGCCTGCGTCTGTTCCAGCAGCTGCTCTGGGTCACTGGCCTACTGGTCC  
TCTTCTACTGCTGGGCTGGGGCCTGCTACACCTGGAGAAGGAGGCATTTTCAAGCTGAGCAGGGG  
TGAGAATTCGGTGGCAATGTCTTCTCAGACGGCAACCGTGCAGGAGGAGAAAGTTGCCGGAATCTGTGAT  
GACTCAGGCCCTGTGAACAGCGCAGTGTGAGGGCTGCCTGCCTTTTAGAAAACAGCTGTGCGACATCTG  
ACTTTCTGTGACCTGACTCAAAACCTCTTGTGCCCCAAGAAAAATGGGTGGTGAAGGTGGAGGGGAACCC  
CAGTCTACCCAGGAGGTGCTGACCCTTGGGGACTCTGAAGAGAAATGAATTGATCATGTTGTCCAAAAA  
AAAAAGGGGGGGC  
>GBEQ1766 |Acc|BM735460|Ver|BM735460.1 GI:19056793|MONO1\_19\_G12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:96:Stop:237  
GTCGCCCCGTGTTTGCCTTGACCGTGTGCACTGTTTGCATGCGCCCGCGGCAGACGTTTGTGAGGGCT  
TGGAGTTCATGTGCCGTGCGCCCCGCCCCCTCCCTTGTGAGATGGAATCGTAATAAACCCCTCCCTGG  
GG  
>GBEQ1767 |Acc|BM735459|Ver|BM735459.1 GI:19056792|MONO1\_19\_G10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:654  
TCCAGACACATTTTAAAGCACTTCAGGCTGTCAATTTTAAATGTTCTTAAAGCAATGAATGTTTGTGTGCAA

AACACAGTATTTTTAAGAAGGATAGGCTATAGTTTTTGTCTTTTACTCTGAACTAGGTGGGCACATTTCAA  
AAACTTGGATGAGAAAAAGCTTGGGAATTCTAGTGAATATTCAGCAAGACCCTCTTTCAATGTCCAGGGT  
TCCAATCCCCTCGTTTTTCTGTCCCCACCCCATCCTGCAAGTTATTTCTGCAAGGAAAAACAGGAAA  
CTCATGTTTCATCAAGGTCTAGGCTGATTTTTTTTTTTGGCACTTATATTTATTATCTATTGGAGTCAA  
TCTTAAATCAGAAGCTTCTTCAGAAAAAAATTTAATCTTTAGGCCAGAATATAAGAGTTGGGTGCATTTT  
TTTTTTATGATTAAGGCTGGTTTCAAGAAATATTACCTGCTCGGCTGGGCTAAATAATGTTGTTGTCAC  
CAGTTAAAGATAAAATAATTTGGGGGAAGGTGTTAAGAGAGTGGGAGTAAAGAAGAGAACAATTAGGAGGT  
GGGGATGGTAACACTAGTAAAAATCCATAATATTTAATTTACAGCCAAAACCTCTTGATGTATAAGCTTG  
TATGTATCGATTTCAGATGC

>GBEQ1768 |Acc|BM735454|Ver|BM735454.1 GI:19056787|MONO1\_19\_H09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:17:Stop:478  
CCTGGTGGCACTGGCCAAAGGAGAAGTGACAGAGATGTTTCAAGTTATGAGGAGTCAAGCCCTAAGGATCCA  
GCGCAGTGACAGAATCCAAAGAGGGAACAGAGGCCTCAGCATCAAAGGGGCTGGAGAAGAAGGAGAAAT  
GATGCGGCTGCTGCCCTGACCCCTCTGAGGGCCAGACCAGACAGGCAGGGATGGACCAGCAGGCCTGTCAC  
AGGCAGAGGCCCCAGAGGCCAGCAGCTCCAGCAGAGGGGCGCATGTGGCAGGATCCCTCCAGCAGGGC  
CTCTGGGGCCTGCCCTCCCTCTCCCCCTTCTCTGGCCTCCCTCTGCCCTCCCATCCCCGAGGCAAGG  
AAGCCCCCAACTTCGCCCCACCCCAAGGTGCCAGGTGGGAAATGTGGGTCTGATTTTTAGATTTTTGTATT  
GTGGACTGACTTTGCCCTCACATTAACCTCATCCCCCTTGCTC

>GBEQ1769 |Acc|BM735452|Ver|BM735452.1 GI:19056785|MONO1\_19\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:337  
NTGAGAGAAGGGGGACAGGGGCGCCCTCCGCCAGCCTCCCGAGGCTCAGTGAGTGCCTTCCCGGCCGT  
GCCTGCCTGGGCAGACCCCCAAGAAGCTGCCGGCCCTGCGGGGTGCCCCCGGGCCCTGCCTTGGGGGGCTG  
CCGCGTGCAGAGTCCCACTCAGGATGACTCGGCTCCAGTGGCCAGGCGGGGCTGCGAGTGGGGACCG  
CCCTCTCTGTGCCCTCTCTCTCTCTGCTGCCCTCCAGGCCTGGGGGGGCACAGGCCCCGAACCCCGAAGTC  
TGCAAAATTGGGTGCCCAAGAGCTGGAACTCAGGAAACCCAGGTGCTCAGGGCC

>GBEQ1770 |Acc|BM735448|Ver|BM735448.1 GI:19056781|MONO1\_19\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:653  
GCGACGTGGTCAAGACCTGGCGCTTCAAGCAACATGCGCCAGTGAATGTCAACTGGGACATCCGGCAGGT  
GGCCATCGAGTTTGTAGAGCATATCAACGTGGCTTTTCAAGTGCATGTCCGCCAGCTGCCGCATCGTGCAC  
GAGTATATCGGGGGCTACATTTTCTGTCAACGCGGGAGCGGGCCGCGGGGAGGAGCTGGACGAGGATC  
TCTTCTGCGAGTCCCACTCAGGAGGCTTCTGAGGCTTCTGAGGCTGTCTACTGCCCCGCGCCACTCACCAC  
CTGCCATGGCCACTCCTAAGCCACACCCATTTGGACTCACTGCCCACACCCCTCTCCACTCATGCACTGA  
GCTGGGCACGTTTCACAGCTGTCACTGGCTTTGTGTCAGACCAGGCACCTGGCTGGGCCAGACTCTGCCAT  
CCCCAGGCTAGGGAGGGGGGGCCCTGAGCTCGTACAGCGCCACCCCTTCCCTTGTCCGAGTGGCCGAGAC  
CAACCCCTGACCTAGCTGTAGTCTGAGCTGTAGCTATAGGATGGTGGACTCATGGTTTCAAACGGGAG  
TTTCTTTCTTGTATCTTTTCTTTTTTTAATAAATATTTTATTGTTGGGTC

>GBEQ1771 |Acc|BM735447|Ver|BM735447.1 GI:19056780|MONO1\_20\_E04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:452  
GCACGAGATCTTGGCGGCTGCTCTTGGTTGGGGGCCGTCCCGCACCTAAGGCAGGAAGATGGTGGCCGCA  
AAGAAGACGAAAAAATCGTTGGAGTGCATCAACTCTAGGCTCCAACTGGTTATGAAAAGTGGAAAGTACG  
TGCTGGGGTACAAAGCAGACTCTGAAAATGATCAGACAAGGCAAGCGAAACTGGTTCATCCTCGCCAACAA  
CTGCCAGCTTTGAGGAAATCTGAAATAGAGTACTACGCCATGTTGGCCAAAACCTGGTGTCCATCACTAC  
AGTGGCAATAAATATTGAATTGGGCACAGCATGTGGAAATACTACAGAGTGTGCACACTGGCTATTATTG  
ATCCAGGTGATTCTGATATCATTAGAAGCATGCCAGAACAGACTGGTGAAAAGTAAATCATGCAAAATTT  
TTCTTTAATAAACTGGCCAAGAGCTTCTTTT

>GBEQ1772 |Acc|BM735441|Ver|BM735441.1 GI:19056774|MONO1\_20\_E05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:121:Stop:525  
TGCCCTCTGGCGGCATGGACATGATGGTGACGTCTGGACCCCTCAGTGACCCCGAGACCAGGGTCAAGATC  
CAAGATGCACACCGCTTACACCACGTGAGCAGCCTGGCCTGGCTGGACGAGCACACGTGGTCAAGACCT  
CCCACGACGCCTCTGTCAAGGAGTGGACAATCGCCTACTGAGGCCCCGCTGTGGACGGGCCGATCAGG  
GACGAGATTACAGTGCAGCAGAGAACGCGCGTTTCTCTAAATCCTCTCTAGCGCGCCCTGCCCCGCCCCG  
TGGGGAGGGAGGGGCCCTTAACCCGTGAATCCCCCTGCTCTCTACAGGGTGTTCAGATCTGTACACGTC  
CTTCTGAAAGCTTTAGACAGTGACAGTTTGGCCATGAAAAATAAAGCGAGCACTT

>GBEQ1773 |Acc|BM735440|Ver|BM735440.1 GI:19056773|MONO1\_20\_F07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:255  
TTTTTACAACCCCCCCCCCCCCACACTTGACAGTGTTTCAAAGATCTCAGCAGAGTTCTTCATGCTCACC  
TTTGAAGCCTGCATCATTCATATAATTTTTTTTCTTCTTCAAGTTCATGAGCTGGTGTTCATTTTCTGTG

TGTGTGTTTTATTTGTTTGGATTTTTTTTTAAATTTTACTTTTTGGAGCTTGCTGTGTACCCTTTTTTT  
CCCCAACCTCCACCCTCACTCCTTCTCCACCATCTCCTCTGAG  
>GBEQ1774 |Acc|BM735438|Ver|BM735438.1 GI:19056771|MONO1\_20\_F06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:465  
GCACGAGATATTAAGTTGCCACTTACCAGATGGCTGGTTTGGATTTAACCATATATTCATGGGACCAAAC  
TAGCAGCAGCTTTCTTTGAAGCATTCTCAGAATCAGACACCTTAAATATTTTCATGGAACTTAATTTTT  
GGCCTTTTCATCAATATGTCAAGGTGGCTTTTTTTTCTCATATAGAGCACTGAATAGTCAAAGACGTTAA  
ATTGAGCTGTTAATGGATTTTATGTAAGTTATACAGTCTTAATTTGGTACTTGTAATAGCACTCAGTAG  
GCCTTCTACCCATAATACTCCGAGTTAAGGCAGCAGGATTTAGAAAGAACTTTTTTTTTTACAATCGATTT  
TCCATGTAAATTTGCTGTAAATGATAATGTGTACAGATTTCTGTTTCAATATTCAATTGTAAACTTCTTG  
TTAAGACTGTTATGTTTCTGTTGCTTTTTGTATGGAATGACATTGC  
>GBEQ1775 |Acc|BM735432|Ver|BM735432.1 GI:19056765|MONO1\_20\_G02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:536  
TTTTGTGTCTTGTCTAAATTTGGCTTCTGGTAGGTTTCAGCCAAGGTTATATAAGGCCTGATGTCAAGT  
TTCTGTGTTGCCAAGCTCCAAGCACGGTCTCCTAAGTGGCTGAAGAAGCTGTGATGGCCAGCACACCCCT  
GACCTGAGGCCCCGTGGCCCCCTCGGAGACCTGGAGCCAAGGCCACCTCTCAGACCCCTTGCACAGTCCTC  
CTCTCACACCTCTGCTAGGCCCGGAGGCCCGGCCAGGGCTCCTGGGAGCTCCCGTGTGCTTATTTTC  
ATTTGACAACCTTCCAGGGGCTCTGTGGGCCGCTCAGAGGCCGGGCCATCTGTGACAAAGAGACGTGCA  
CTGCCAAATGAAGGGAACCTGTGCCCTGTGTTGACACTGGGACTTTCTGCCCGGAGTGTATGACTGGGT  
ACGATTCGGGGGGTGGGAAGCGGTCTGTGACCATGCTCGTCTCTGCTGGTCCAGGGGATGGCACCGAGC  
CTGTGGCTGGCCCCGTTCTGTAACTGTAATAAACAGTACTTGTCT  
>GBEQ1776 |Acc|BM735430|Ver|BM735430.1 GI:19056763|MONO1\_20\_F12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:615  
TCCTCTTCTCTACAAATGCCAAGTGGACGAGACAGAGGAGCCGGACATGCACCTGCCCCAGCCCTATGC  
TGTGGCCCGGCGGGAGGGCCTGGAGGCAGCAGGGGCTGCCAGCACACAGTTTCGATTCGGCCAGTGGGGTG  
GCCCTACCTGGACGACATTGCCCTGCCTGCCACACCGGCAGCATCAACAGTACGGACAGCGAGCGTT  
GGAGGGCCATCAGTGCCTGAGTGGCGCCACCCTGGCTGGAAGGCCCTGCCGGCCCTGTGGAGGGCAGACAG  
AGAGAAGGCCAGGGAACACAGAGTGGCCAGGGGAGGAGAATGAGTGACAGGACTTGTGTGGGCAGCAGGC  
CTGTCTGCTCTCCAGGCCCCAGCTGCCCTCTGCCACCTCTGCCCGGCTGGTTTGGGCTCGATTGCTC  
AGGGCCATGCTGGCTGGCCGAGGCCACTTCTTTCTTGAACCTGGCCACCCAGGACAGGTCTGGCCC  
TCCTCAGCCTTCTGCCCCCTCCCTTGGTGCAATGGCCTCTGCAAGCCCTCTCTGGCGGGTGGGCTGAN  
AGTGTGTATATTTTCTGATCTATTTTTTAATAAAAGGAAAAG  
>GBEQ1777 |Acc|BM735424|Ver|BM735424.1 GI:19056757|MONO1\_20\_G10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:660  
GTAGACCCAGCTTTTGACACAGCCNAGGCTCCACACAGAAATGTGAACATGGCCTCAGCCAGGGTGG  
CCCTTCTTAGGATCTGAGGGCTGCACTGGGTTGGGGGGAGTCCCTCCTCTCGCCACTTCTCAGATGAC  
TCTGGAAGCTTCCCCCACCACCACTGGGCAGTGAGACAAAGCTCCCTCCGAGAGCAGTCATGGGCAGCC  
AGGCCCTCCTGCTGCTGCTCCTGCTGCCACAGGCCACCTCCGTCGACCATCTCAGTGCCCTGGGGCAG  
CGAACAGGTGCTCTTGGAGCTCTGTGCTTCTGATCCGATGGTGCCAAACCTTCATCTCCCCCTCAGAAG  
CACAGCAGACCCAGGGATCCCTCGGTCACTGCCCGGCCATGAGCCTTCTTTATTTTTTGGGGTCCCCC  
CACCCACGCTCTGACTCTTCCCCACATAGGACTAGCTTGGCTGAGAGCTAAGGGGGTGGGAGAGTGGTT  
GCAAGACATGGGGGAGGGGAGGCCCTGACACTTCTCAAGGCTTCTGGGGTCCAGGCCCTGGGGCCAAAG  
AAGGAAAGTATTGTGTGTGAGAGAGAGAGAGTGTGTGTGCGAGCGTGCGCGTCTTCCCCGGACCACC  
ATACCTGTGTATGTATGCATGTTTTTG  
>GBEQ1778 |Acc|BM735419|Ver|BM735419.1 GI:19056752|MONO1\_20\_G05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:65:Stop:602  
CTAGGCTCTGAGCGGTGATCCCCAAAGAGTCATGGACCAGCACAGCTGACCCGGGACCAAGTGGGAGG  
ACCGAATCCAGGTGTGGCACGCGGAGCACCGCGGGATGCTCAAAGATAATGCTATGCTGGAGTATCTGAA  
GATTGCCCAGGACCTGGAATGTATGGAATCAACTATTTTGAGATAAAAAATAAGAAAGGAACAGACCTT  
TGGCTTGGAGTTCGATGCCCTTGGACTGAATATTTATGAGAAAGATGATAAGTTGACCCCAAGATTGCT  
TCCCGTGGAGTGAAATCAGGAACATCTCTTTCAATGACAAAAAATTTGTCTATTAGCCCATCGACAAAGAA  
GGCGCTGACTTCGTGTTCTACGCGCCCCGCTGCGCATCAACAAGCGGATCCTGCAGCTGTGCATGGGC  
AACCACGAGCTGTACATGCGCCGAGGAAGCCCGACACCATCGAGGTGCGAGCAGATGAAGGCGCAGGCC  
GGGAGGAGAAGCACCAGAAGCAGCTGGAGCGGCAGCAACTGGAAACTG  
>GBEQ1779 |Acc|BM735418|Ver|BM735418.1 GI:19056751|MONO1\_20\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:624  
AGTACTCAACCAACATCGATGGGCGGCGGAAGATAGCCTTCGCCATCACTGCCATTAAAGGGTGTGGGG



CGAAGATATGCTCACGTGGTGTGAGGAAAGCAGACATCGACCTCACCAAGAGGGCAGGAGAGCTCACTG  
 AGGATGAGGTGAGCACAGGGAACGGGGCTTGGGTGGGCCCTGCCCTCAGAAGGGGGGCATGTGGATCTGAT  
 CCTTGTCTTCCCTGCCAGGTGGAACGTGTGATCACCATTATGCAGAATCCACGCCAGTACAAGATCCAG  
 ACTGGTTCTTGAACAGACAGAAGGACGTGAAGGATGGAAAATACAGCCAGGTATGGATTGAGATGGGAGA  
 GATTAGAAAAATGGAAGGTGGAGTGTCCACCTGGAATTGGTCATAGGCGGTGGGGTTAAACCGACATC  
 CCGGGCTGGCCCCGTGGCCGAGTGGTTAAGTTCGCCCGCTCCACTGCAGGCGGCCAGTGTTCGTTGG  
 TTCGAATCCTGGGCGCGGACATGGCACTGCTCATCAAGCCACGCTGAGGCAGCGTCCCACGTGCCACAAC  
 TAGAAGGACCCACAACGAAGAATATACAGCTATGTACCAGGGGGCTTGGGGAGAAAAANAG  
 >GBEQ1780 |Acc|BM735416|Ver|BM735416.1 GI:19056749|MONO1\_20\_G12.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:411  
 GCACGAGCTCCCGCCAAGCCGCCCGTCCCGGACCGCCCGCTCATGCCCAAGTGCCCCAAGTGCTCCAAG  
 GAGGTGTACTTCGCTGAGCGGGTGACCTCCCTGGGGAAGGACTGGCACCGGCCTTGCTGAAGTGTGAGA  
 AATGTGGAAGACGCTGACCTCAGGGGGCCACGCCGAGCATGAAGGCAAGCCCTATTGCAACCAACCCCTG  
 CTACGGCGCATGTTTGGGCGCAAGGCTTTGGGCGCGGAGGAGCTGAGAGCCACACTTCAAGTAGTGG  
 CAGGCTGTGGAGACCACATCCCTGGCCACCTGCGGGCACTGCCCTCCAGCCTGATGCCTGCCTGGCCTT  
 ACACCCAGGCGCCAGGTTCCCTGGAGACCTCAGGCCCTCAATAACGCCAACACTCTG  
 >GBEQ1781 |Acc|BM735409|Ver|BM735409.1 GI:19056742|MONO1\_20\_H10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:4:Stop:581  
 GGAAGTCAGAAGCCAAGCTTTCTCCCCACCTCTGTGGGCGGCACGTACACACACACACACACACACACA  
 CACAGGCGCACACACACACACACTTTGCGTATCTGAGCGCGCCCTCGCACTGGGTCTTATCTTGCAC  
 CTTCTTCAGGATTTTATATGTGAAGAGATTTTATATAGAATTTTTTCCCCAAAACACTTTATACCTTTT  
 AAAAAGCAGTACCTGGTGGCCGTGTGCCCTCCACACTGGCCCTGGGCTGTGTCTACAGCCACCTGCCCTGGC  
 TTCTGGGCTGTGGCCCTGCCCGGGTCTGGTGGGGGCCAGCAGCGGCCATGGCAGGGTGGACTCTGTG  
 GGAGAGGCGAGGGGCCAGCCACCCTACCTCCCACTAACTACTTCTGCCCTGGGGGACCCACACCCTGGG  
 GCTCTGGCGGAGGACAGATGGACAGAGGGAGCCAGCAGCTGTCCCCAGGCCGTACCTCCTCCTCTGGAG  
 GTCTGGGCGTGGAGCGCTGGAGCCACCCGTGAAGGTGCCCTCTCTCTGCTCCATGAGCCTTCTTAAC  
 TTAATAAAATGTTCCGGC  
 >GBEQ1782 |Acc|BM735407|Ver|BM735407.1 GI:19056740|MONO1\_20\_A05.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:29:Stop:655  
 CCAAGTCCGACCAGCAGATGCAGAAGATTCGACAGAAGCTACAGGCTAAACAGGTGGCCATGGAGAAGTC  
 GGAAAAGGCCAAGCAACTGAGAGCATTGAGAAAATACGGAAGAAGGTCCAAACAGAGGTTCTTCAGAAG  
 AGGCAGCGGGAGAAAGCGCATATGATGAATGCTATTAAGAAATACCAGAAAGGCTTCTCGGATAAACTGG  
 ATTTCTTTGAGGGAGATCAGAAACCTGTGGCCCGTGGCAAGAAGGAAGGAGCTAAAGGCCAGCAGATGAA  
 GAAGGGGCCCCAGTGCCAAAAGACGCTATAAAAACAGCAAGTTTGGTTATGGTGGAAAGAAGAAAGGCTCC  
 AAGTGGAACTCGTGAGAGCTACGATGATGATCCAGCTTCCGGGCCAAGACAGCTCATGGCAAGGGCG  
 TCAAGAGGCCTGGAAAGAAAGGGTCAAATAAGAGACCTGGAAACGGACAAGAGAGAAAATGAAGAGCAG  
 AGCAGCTGAGCAGCATCTTTGAAAACAAAGAAGCAAGAAAAAGGAATGAAGACTTGGGATTTTCATGATG  
 CAGTGGGCTCCCTCTGTGTTGGTTCTTTTATAAAAAATTTCTGTCAATAAACTAAGGAAAAATTTTC  
 >GBEQ1783 |Acc|BM735400|Ver|BM735400.1 GI:19056733|MONO1\_20\_A12.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:39:Stop:589  
 TGGATCTAATCAAAGACAAGGCCACAAGGACACCAGCAACTGAAGAGGCTGACTACTTGGTGTCCAGGCT  
 GAAGGAGAACTACATTTTGTGAGCACTGATGGCCCTGGGAGGAACGTCCTCAAGTTTAAGCCCCCAATG  
 TGCTTCAGCTTGGACAATGCACAACACGTGGTGGCAAAGCTGGATGCCATCCTAACAGACATGGAAGAAA  
 AGATGAGAAGTTGTGAGACGCTGAGGCTCCAGCCTGAGGCAGCCCTGCTGAGTCCTCCTCTAGAAAAAAT  
 GAAGCATTCCTCAATACACTACTGGGATGATGGTCATGACCTCCAACCTACAGAAGAAGAAAGCCAC  
 TGAGGCTCAAGGCAGGCTTGTAGAGGCCATCGCTATCCCTCCCCAGCCACACTGCTCTGTGGTTG  
 GGTGGGCCAGATGTCTGTGTCCCTCAGGGCCCCAAGAGTCAATTTCTTTTGTCTAAAAAATCTGCCCG  
 CTGTGGGTGGGGTAGGGTCAAGGACCTTTCACTGCTCCGGCTTAAATAAATCATTAAGTG  
 >GBEQ1784 |Acc|BM735399|Ver|BM735399.1 GI:19056732|MONO1\_20\_A11.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:338  
 GCACGAGCGGCACGAGCGCATTTCTATCCCAAGATCTCGAAATGCATCGTGATTCCTGTCCATTGGACTG  
 TAAGGTTTATGTAGGTAATCTTGGAAACAATGGTAACAAGACTGAATTGGAACGAGCTTTTGGTTATTAT  
 GGACCACTCCGAAGCGTGTGGTTGCTAGAAACCCTCCCGCTTTGCTTTTGTGAATTTGAAGATCCCC  
 GAGATGCAGCTGATGCTGTCCGAGAGCTAGATGGGAGAACATTATGTGGCTGCCGAGTAAGAGTGGAACT  
 GTCTAATGGTGAAAAGAGAAGTCGAAATCGTGGCCACCTCCCTCTTGGGGTCCGGC  
 >GBEQ1785 |Acc|BM735398|Ver|BM735398.1 GI:19056731|MONO1\_20\_A10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:4:Stop:624

CGCTACCACGGAAGCCATCGGTGCCCTGGCAGCGCCAGCTGGACCAGCCACGAGACAGAGACCAAGCGCT  
GGGCACGCACCGACCTATGGGCAAGCTGGCAGAGCTGCAGTGCAGAGGTGGCCGCGCTGCGCGAAGAACAG  
AAGACGCTGTCCGGCCTGGTGGAGTCGCTGAGCACCACATCCGGGCGTTGACCGAGCAGCAGGAGCAGC  
TTCGGGGCCAGCTGCAGGAGCTGGACTCCAGGCTCCGTGAAGGGACGTCGCAGTTGGATCCGGGGCACCA  
TCCTCCAAGCAGTGAGGACCACCGGCTGAAAAGTCTGGAGCGCCGCTAGCGGAGCTGGAGAATGCTCAG  
GTCCAGCTGAGGGATGCCGTCCAGAACCTGCAGCTTCTTCCAGGACATCAGGATCCCGGAGCCAGCCCC  
TAGCCCTCAAAGCACCATGCGTCAACGGAGACACCACCTGAGCTGCCAGGCGGTCCCACGTGGTCTGGG  
AACAGAGAGAGACCCCTCTTAGGGGTCTGTCCGAGCCCTGCCTCAGCCAGCGTGGCCCTCCAGTGGGGAG  
TGGAGCTTTAGGTGCTAACCACTAGCACCATGAGGTTGCCCCAGTAAATCTTGATTTC  
>GBEQ1786 |Acc|BM735392|Ver|BM735392.1 GI:19056725|MONO1\_20\_B02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:23:Stop:573  
GTGGCCGAGACAGCAGGCGCAAGGGCCTGAAGGAGGGCATCCAGCCCTGGACAACCTTCTGGACAAGC  
TGTAGGCGGGCCCTGCCGCTGCCGGGCGGCCCTCAGCCCCGCGCCCGGCCCTCCCGTCCCTCCACCGACC  
TCGAGACTGTCCCGCGCGGCCGCTCCGTGCCACCGTCAGTCCCACGCGACGTCGGCCCTTCGATAATTT  
ATTTCCGGATTTTCAGACGCAGCAGAGAGGCCCTCCAGCGGGGACTGGTTCCGGCTGGTGGGGGTGGGGGA  
GCGGGTTGGGACCCCAACACTTTTTTTTTTTTCCCATTTTCAGAGGAAGACTCACATGTCCTTAAAAAA  
AGAAATTTAAATAAACGCATTAAGAGGTTTATTGGGGAAATGGCCGTCAGTGGATTTTCCCCCAGAAAC  
GGGGGAAGGAAGAGCGGGTAGACTTTCCATTTGGACAGAAGCTAGAAGGCGGGAGACCCTGAGCGGGG  
TCACCGTGAGCCCCCTCAGCTGTGTAGTGCCATTGGAGTAAATAAATTTGATATGGTGGTG  
>GBEQ1787 |Acc|BM735391|Ver|BM735391.1 GI:19056724|MONO1\_20\_B07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:590  
GCACGAGGATCACAGTGCAGGTGAGTTTGGGGTAGGAGCAGAATAGCCTCCTATGGGGGTGGGGGTGGGG  
TTCCAGGAGGAGCAGGGCGGTCCCAGGGGAGGGGCTCCTGGGGGCGAGAGCCCGCCTGCTGTGCTCACGGT  
CCCTTCTCCCCACCTCTTCTGGCGCAGATGGAGCAGGCCCTTGGCCGACATTTACTGGAGGAGACTCCAG  
AGGAGCAGGCAGCCATTCTGTCTTGGTGCAGAGCCTGGGGAGCCCGCCTCCTCCTCCCTCTCTGTTT  
TCTGTCTCCTTTGAAAGAGATTCTTCTCCACGTTGGCGACCGGCCCTCCCTCAGTGCTAGTTCTCCATG  
GTTGTCTGTGATGATTGCGTCTCCTCAACTCCTCGTGTACCTGGCTAGTGGGGAAGTCAAGGATGATTTT  
TATCCTTGTTTTTTTTTAATTTTGAATACACTGTCTATCTCTGAGGAATTGAAGTGGGAAAGTCCAAATG  
GGGTGAAGTCAAGGGCCTTTCCCTCTTCCCCAACCCAGAACCAAGCACTTTATATTTTCTTCTTAGATGT  
TCACTAAGGATTTGAAATAAAATTTTCATTG  
>GBEQ1788 |Acc|BM735387|Ver|BM735387.1 GI:19056720|MONO1\_20\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:462  
GCACGAGCGGACCCGGAAGTTTCATGACCAACCGACTACTTCAGCGGAAACAAATGGTCATAGATGTCCTT  
CACCTTGGGAAGGCAACCGTACCCAAGACAGAAATTCGGGAAAAACTAGCCAAGATGTACAGACACAC  
CAGATGTCATCTTTGTATTTGGATTTCAGAACCCATTTTGGTGGTGGGAAGACAAGTGGCTTTGGCATGAT  
TTATGATTCCTTGGATTATGCAAGAAAAATGACCAAGAAACATAGACTTGCACAGCATGGCCTGTATGAG  
AAGAAAAAGACCTCAAGAAAAACAAGAAAGGAACGCAAGAACAGAAATGAAGAAAGTCAGGGGGACTGCGA  
AGGCCAATGTCGGTGTGGCAAAAAGAGGAGTAAAGATTCTGCAGTGACTTTATCTGTGGTGATTGTGC  
AGATTTTTCATGAGACGATTAATAAACTGAACCTTTATGTGT  
>GBEQ1789 |Acc|BM735386|Ver|BM735386.1 GI:19056719|MONO1\_20\_C05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:599  
TTCCATTGGAATAGTTAAGTATGTGGTTCTTCTCAGAACCAAGGGCAATCCTGCTTCACTGGTGTGCCA  
TTTGTGACCTTGTGGTGTCTCAGGGGCGCCCTGGGGCCAGGGCGAGGCCTCGACGCTGCCGGGCTCG  
TGAGATGCTCCAGGTCTCTCCCTCCCTGGGCGGTTCTGGGCTGAGGGTTTCAGGGAGCGTTTCCTTTAC  
CTGGAAGTTGTACCATGAAGTTGTACGTGCAGTGCTTTCTCTCTTCTCTCCGTCCCGTTGCTGGT  
CCCCTGTAAAGAGGCTTTTGGGAACGAGTAGAGGGCAGAGGTGGCACAGGAGGGTAAAGGATGTCTGGT  
GCTGGCTCAGCCTGGCAGGGGCTCTGCTGACCTCAGGGCCGGGCACAGCCAGGATGGCTGTTTTCTGTG  
CCAGAGACCTGTTGTGCTGTGTTATTTGATTTCCTGATTTTCAATGTATGTATTACAAATGTAAAG  
GGGGGGGATGTCTGACCTTAGTGTTCCAAACAGAACTGTATTTTGCCTTTAAATCCAGTGATATAACT  
GGAAGGTGAATAAATGACCTTATCTTTT  
>GBEQ1790 |Acc|BM735385|Ver|BM735385.1 GI:19056718|MONO1\_20\_C04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:549  
TTTTGATACCAAGGTGCTTTTAAAGATATTCAGAAAAACATCTATCTTACATTGACTAAACCTTGTAA  
CACCATTTGCAATATCTACATCTAATGTCGACTTAGTTTGTTCATTCTTATGTACTATTTCCCTCTCC  
CCTACAGGCCTTTTCATTTATCTTCTTGAAGAAAGTTCTTACTCTTCCCTTTCCCATCACCCCTCCCTGC  
AGCTTCTTTTAAATTTTTTGTGAGAGTTTCTGGAGCTATCTAAGACAACACAGTTACAGAGTTGAGC  
AAAAGTATAACATACTTTACAACCTGTACAGACTTGTGGCAGCCAAATGTCATTTGCTCTCATTTAGAGG



850

CTCCCGCTGGCCTACCAGCAGACCTGGGCTGCCAAACCATCCCTCCTCTCACTGTGGTCATTAGGCACAG  
AGAGGGACAAGAGCAGCAGGATGGCAGTGCCAGACTGTATTGTCTGGATATAAATTATGGTCACATTC  
AGGTATAAGTTACACACGAGGGACAGCGCAGAGCCACGCAGCCCCACCTAGCACACAGATTTGCTTAAA  
TACAGAGGACAGACACCCCTAACCAATTTACAGACAATTCCTATAGACGGAAATCAACAGCAGGGCCTG  
TAGAGCAAAACTAATTACACCACTGGGGACTGGGGGACGCGACCACGAGGAATGTGCATCTGTGTGCGG  
GAGGCACGTGACAAGAATCCACCACAAATGCTGTTACAGTGC  
>GBEQ1797 |Acc|BM735358|Ver|BM735358.1 GI:19056691|MONO1\_18\_A07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:578  
GGCAGCAGCTTACCCATATCTTGCAGGAGGATGGATTCTGTAAATACAAGCCTGAGTATTCTGCTGCCAAC  
GACACTGGCTTCCTGGACATCCAGCAGCAGGAGAAGTTCCTTATGGAGGCACTGGCAACGGTGGGGCCCA  
TCTCTGCCGGGATCGATGCCAGCCTGGAATCCTTCCAGTCTATAAAGAAGGCATTTATTATGATCCGGA  
CTCGAGCAGTAAATACCTGGATCACGGCGTTTTGGTGGTTGGCTATGGCTTTGAAGGAAAAGATTCAAGG  
AATAAATATTGGCTTGTCAAGAACAGCTGGGGTGATAAAGGACTCGCTTGAGAACAGAATATCCAGAGGA  
GGGATTTTATCTTCAAACCTGACCAGACCTCATTGTGTGGAACAAAACACTTAAATCACTGAAGATCCAAA  
CTGTGATTGGAATTTTGTACATTTTATGCTGGTAAATGTTACCCTTCTTAATTACTGCTGTAAACA  
GCTTTGTGTGATTGACTTGCCTAATAACTTTTGAATTTTCATGTTTTAAAGATGTATGTAGTTATCTTTA  
AAAATAAACTGAATTTT  
>GBEQ1798 |Acc|BM735348|Ver|BM735348.1 GI:19056681|MONO1\_18\_A12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:20:Stop:645  
GAGTTGTAAAGGAAGTGAATGTGAACCATGCAGCACCAGCCCTGCCAGTTGCACAAAGGACAGTCTTA  
CAGTGTCAATGTACCTTACCAGTAATACTCAGTCTCAAAGTAGCAAAGCTGTGGTGCATGGCATCGTG  
TTGGGTGTCCCGTTTCTTTTCCCATCCCTGAGCCTGATGGTTGTAAGAGTGGAAATCAGCTGCCCCATCC  
AAAAAGACAAGTCTATAACTACGTGAATAAACTGCCAGTAAAGAGTGAATACCCCTCTATAAAACTGGT  
GGTGAAGTGGGAACCTCAGGATGACAAAGGCCAAAGTCTCTTCTGCTGGGAAATCCCAGTGCAGATTGAA  
GGCTAGAGCTGTTTGTGCACTGGGATGTTGCACCTGTAAGTCCGTCATCTCCACGTGCCTCCTTGAGTT  
CAATGCATCTGGCAACGGTCTCTGCTGACTGGACAGCACCTCCAGCTCCCTGCTTCAGCCGTGGTGACGC  
CCTCCGGAGGTATCCAGCGTTTCACTCGAGGGGCGGTGTTCTGTGGCAGAACTCAACTCTGGCTGCCTG  
GTTCCGCTGTGGTTATCTCATGCTCTCTTTTCTGTCTTAGATGGTTTTTCATTAAACTCANGCACTTG  
>GBEQ1799 |Acc|BM735346|Ver|BM735346.1 GI:19056679|MONO1\_18\_A10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:613  
GCACGAGTGATGGCGCAGCTCCCGAAGCTGGCGGTCTTCGATCTGGATTACACGCTCTGGCCTTTCTGGG  
TGGACACGCACGTAGACCCCCCGTTCCACAAGGGCAGTGATGGAGCTGTACGAGACAGGCGGGGCCAAAC  
CGTCCGACTGTACCAGAGGTGCCTGAGGTCTGGAACGATTGCAGGGCCTTGGGGTGCCCGTCCGCGGCC  
GCTTCCCGGACAACTGAGACTGAAGGTGCCAACACGCTACTGGAGCTCTTTGACCTTGTGAGATACTTTG  
TTCATCGCGAAATCTATCCAGGCAGCAAGGTACACACTTTAAGAGGTTGCAGCAGAAAGACTGGAGTCT  
TTTCTCCAGATGATCTTCTTTGATGATGAGAAGCGGAATATTGTAGATGTGCGCAAACTGGGTGTTACC  
TGCATTTCATGTGCGGAATGGCATGAGTCTTACACCCCTAACTCAAGGCTTAGAGACATTTACAAAGGCC  
AAGCTGGACCTGAGATCCAGCCCCGTGGATGAGCCTCATTTGGAGGCATAAAACTGAAAGGAAATCAGAA  
NAGGAAGACATTTTCAGGTGNTATTTGCAAATTATTAAAGTGTATTTGCATGG  
>GBEQ1800 |Acc|BM735342|Ver|BM735342.1 GI:19056675|MONO1\_18\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:527  
GGGCTGAAGCTGATCCATTATTTCATACGATATTCTCAAACCTGAAGAAGGAGAAGTCCCTGATGGGTACA  
ATGTCTCTAGATCAAAATATAGAGGATTTCCCTTACACTGGAGTCCGCTACTCCCTCCAGACATCTGT  
GTACTTCTGTGCCAGCAGACTGGGGGGTGGGTACAATGAGCTGTTCTTCCGGCCAGGGACTCGGCTCACT  
GTGCTAGAGAACCTGAACCAGGTGACCTACCCAAGGTGGCTGTGTTGAACCTTCGGAAGCAGAGATCT  
CCCGCACCGAGAAGGCCACGCTCGTGTGCTGGCCACAGGCTTCTACCCCGACCACGTGGAGCTGAGCTG  
GTGGGTGAATGGGAAGGAAGTCCAGACTGGGGTCAGCAGGACCTCAGCCCTACAGGGAGCAGTCAGAT  
GATGAAAACCCAGCTACTGTCTGAGCAGCGGCTGAGGGTCTCTGCTGCCTTCTGGCACAAACCCCGCA  
ACCACTTCCGCTGCCAAGTCCAGTCT  
>GBEQ1801 |Acc|BM735339|Ver|BM735339.1 GI:19056672|MONO1\_18\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:56:Stop:648  
CCTGAACCTTTGACGGACTGCAGAGGCTCCACCCGGAAGGCTTCCGTTTGGGCCCTTGTTTGGAGTGCC  
CGGGAAAACTCACTACCCTGCCACCAAGTGAGCGGAGAGAGGCTCATCCTGCTTCGACCTGCCATCCT  
TTGTGGAAGCCGCCGGGGAGCATCAGTTTCAAGAGTGGGATGCAGCCGAGACCCCTTCTTTCAAAACT  
CCCCAGAAGTGGTTCCAGCCCTCTGGGGACCATGTTTCAATTTTCATGCTGTGTATGCTTTTGTCTTAAGC  
TCTGTAGTGGCAGGACCTGCCCCACACCCCTTCCCTTCTATGAATGGCTGCGGGAAGAGCATGTTT  
GCCTCCGGGAGCAGAAGAGAACAGTCTGCTGCAGAGCCCTCCACCTCTGCCCCACACAGCTTGCCAGCG

CCACTGCAGCCTTGGATGAAGGCCATGCCAGCCACATCCGCTGAGGGGGCCAGCCTGAAGCTGCCAAGCC  
 CTTGGCCCTGCAGCTGGAGGCTTGTGGTGCCAGAGGCCCGACTAGGGTGTCTGTCCCTGGACAGCTGTT  
 TGCACGAATCTTGGACATAAATCCAAGTTGATG

>GBEQ1802 |Acc|BM735330|Ver|BM735330.1 GI:19056663|MON01\_18\_C09.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:16:Stop:639  
 CCTCCAGGCGTGCAAGCTGGCCAGTCCAATGGGTGGGGCGTGATGGTGTCTCACCGCTCTGGGGAGACT  
 GAAGATACCTTCATCGCCGACCTGGTGGTGGGGCTCTGCACTGGACAGATCAAGACTGGTGACCTTGCC  
 GATCCGAGCGCTTGGCCAAGTACAACCAGATCCTCAGAATTGAAGAGGAGCTGGGCAGCAAGGCTAAGTT  
 TGCCGGCAGGAACCTCAGAAACCCCTGGCCAAGTAAGCTCTGGGCGTGCAAGCCTGGGTTCTGCAGTCA  
 CTGGTCAGCTCATTAGACCTCTGCTCCAGCGTCCACACGGCGGCTCAAGGCCCCAGCCAGTCCCTTGCA  
 GGGCGTCTGGTAGTTGTTAACTGGCCTCTCCACCTGTACTGTTCTCACTGCTTCCTTAGAACCGCTACA  
 GCCGCCAAGCTTGACCATCTGGAACCCCGCTGGAACCCCTGGCTCTGTAATCATGTGATTGGCCCCAATC  
 ATTGTTTTTCTCACCTCGCTTCCCACCAAGTGTCTGGAGCCGTGTGTTGTATCTACATTGTCATCTCTGA  
 GGTGTCCACAGCCAAGGTCCCCAGAGGTTTTGTGTGCAAAAAATAAAAGGCTTCAGTGACCAGC

>GBEQ1803 |Acc|BM735326|Ver|BM735326.1 GI:19056659|MON01\_18\_D01.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:2:Stop:285  
 TGTGTGCAACAGCAAGGATGGTGGGGCCTGGGGGACCGAGCAACGGGAGTCGGCCTTCCCCTTCCAGCCT  
 GGAAGTGTATGGAGGTGTGCATCTCCTTCGACAAGGCAGACCTGACCATCACCGCTGCCGGATGGCTAC  
 TCGTTCAAGTTCGCCAACCGCTCAACCTGGAGGCCGTCAACTACCTGTCGGCCAACGGGGACTTCAAGA  
 TCAAGTGTGTGGCCTTTGAGTGAAGCCAGCCAGCCCATGGCCCCAATAAAGGCAGCTGCCTTTGCTCTC  
 CCG

>GBEQ1804 |Acc|BM735324|Ver|BM735324.1 GI:19056657|MON01\_18\_C11.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:594  
 GGCACGAGTCACTCTCTCTCTCTCATTCACTTCTACCATAGGCTCACATGCCTGCTCTGTTCTCTCTTTC  
 TCTCTCTCAGAAATGACAATTCTAGGTACAGCTCTTGGTATGGTTTTCTATTTACTTCAAGTCGTTTCTGG  
 AGAAAGTGGCTATGCACAGAATGGAGACTTTGAAGACGCAGAACTCGACGACTACTCTTTCTCGTGCTAC  
 AGCCAGTTTGAAGTGGATGGACCCAGCACTTGCTGAGCTGTGCTTTTGAGGACCCAGATGTCAACAGCA  
 CCAATCTGGAATTTGAAATATGTGAGGGCCTTTTGGAGGTAAAGTGCCTGAATTTTAGTAAATTGCAAGA  
 GACGTATTTTCATCAAGACAAAGAAATCTTACTGATTGGAGACAGCACAATCTGTGTGAAGCTCGGAGGA  
 AAGCACATAACTTGCCAAAACTGAACATAGTCAAGAGAGTTAAACCTGAGGCCCTTTTGACGTAAAG  
 TCATCTATCGTGAGGAAGCAAAATGAGTTTGTGGTGACATTTAATACATCGCACTTGCAAAAGAAGTATGT  
 GAAGGATTTATTGCATGAAGTGGTCTACCGCCTG

>GBEQ1805 |Acc|BM735319|Ver|BM735319.1 GI:19056652|MON01\_18\_D12.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:659  
 GTGATAGAGCTGCAGAGAAATAGAAGCTCCATGGGCTGCCATCTGTAGATAGCTGTAAATGGAATAT  
 TTTTAATTGAAGGCAAAAAAGTGCCTTAAAGTGAGCTGAGCAATAAAATAGTGTTTGAGGTAAATGCAAC  
 AGAAACAGAAGGAGACCTGGTTGCCTTATACCTTTACGCGAACACGGAATAAACTCCCACTGCACATCCT  
 GTCTACACCATAAGTGGAGGGAAACGACTCCTTGTCTTTCATGCTGTGAGGCTCCTTTGGATATTCTGTG  
 ATGACCGAGAAGCCTTCTTTTTTTTATTTGTTTCAACATCTTTATCCGAAGTACGTTTTTAAAGATTTTG  
 TAAGAGTCGTTTTCTAGTGTTTAAATTAGCGCTATTTTTCTCTTTTAAAAATGAATCTTGTACTGTAT  
 CTTACTATGTCTGTAAACAGGTGTTAAGAATTGAAACAGTTTTTATCTTAGATTTCATGCGATCCAGTCTGT  
 ATATACCATATATAAATATTTTACACGAATCATTTAGTTTTTTAATTCAATTTACTAATGCTATAAAATTT  
 CCTATATTTACCCCTAGTGACTTGCATCAGATGGTGTATATACTAAAGCAACATGTTTTGATGAGTTTTCT  
 TATATCCTTGTCTATGGGGAAGTTGAGTT

>GBEQ1806 |Acc|BM735318|Ver|BM735318.1 GI:19056651|MON01\_18\_D11.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:501  
 GCACGAGCTCTAAGCTGCAAAACTGTGCTGTCTTGTGAGGTCACTGCCTGGACCTGGCACCCCTGGCTG  
 CTTTCTGTGCCCAGAAAGGACGGGGCTGTTGCCCCCTCCAGCCACGTNTCCCTCTCCTCCTCTCCCTC  
 CTGTGGATTCTCCCATCATCCCATCTGGTCTTCTCTTAAGGCCAGTTGAAGATGGTCCCTTGCAAGTTTC  
 CCAAGTTAGGTTAGTGATGTGAAATGCTCCTGCCCCCTGGCCCTACCTCCTTCCCTGTCCCCACCCCTGCA  
 GAAGGCAATTGCTGGTTTTCTTCCCAATCTTTTCCAACATAGGTTTTGTTTACTCTACTCCCCAAATCC  
 CTGAGCCAGATGTGGGGTGCCTACACTCCCAACCCCTGAGTGTCCGGCCTCCCCCTGTTGAGTTTTTAGT  
 CTCTTGTGCTGTGCCCTAGTGGCACCTGGGCTGGGGAGGACACTGCCCTGTCTAGGTTTTTATAAATGTCT  
 TACTCAAGTTC

>GBEQ1807 |Acc|BM735312|Ver|BM735312.1 GI:19056645|MON01\_18\_E10.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:188  
 GCACGAGCTCCGCCCTCTCTGGATTGAAGAAGAAGCTGAGTGACTTGCAGACCCAGTTAAGCCACGAGAT

CCAGAGCGACGTCTCTACTATCAACTAGCCGCACTTGCCCTGCCTCGGCAGGAAGGGTCAGAGCAGCGGCT  
GGATTTTCAGGTCTCTCTGGGACGTCAGCACTGGGGAGGGCAGCTGTG  
>GBEQ1808 |Acc|BM735310|Ver|BM735310.1 GI:19056643|MONO1\_18\_E08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:581  
CCATGCCTGTGGGGCCCGCTATAGCACCCAGCCAGCAGGCCCCAAGTGGGGTTGCCTCCCTCCCTGGCAGT  
GGGGTCCAGCTAGAGCTTGAGGAAATGCTGGTCCCCAGGAAGATGTCCATCAGCCCCCTGGAGAGCTGGC  
TGACCACTCCACCTAGCCAAATGGGGGAAGGGCCGAGCAAGGGGGTGGAGGGGTCTGGGATGCACCCAG  
ATGCAGTGCAAAAAATGTAAGATCCGGCGGCGGAAGATGAATCATCACAAGTACCGCAAGCTGGTCA  
AGAGGACGCGGTTCTGCGGCGGAAGGTCCGGGAAGGACGCTTGAACGGAAGCAGGTCAAGTTCGAGAG  
AGACCTGAGGCGAATCTGGCTGAAGGCAGGCTGAAGGAAGCCCCCTCTGGCTGGCAGACCCCCAAGATC  
TACCTGAAGGGCAAATGAGTCTAGGTCTGTTTCCCTTGCTGTTACTGCTGACGGCCTCTTGTAATAAAT  
GCCCTGAGAACTC  
>GBEQ1809 |Acc|BM735306|Ver|BM735306.1 GI:19056639|MONO1\_18\_E04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:493  
GCACGAGGTCGCGCGGAGGCGGCGCACGCGTCATTCAAGATTCGGGTCCACCCGTAACCCACCGCCAT  
GGCCGAGGAAGGCATCGCTGCTGGAGGTGTAATGGACGTTAATACTGCCTTACAAGAGGTGCTGAAGACC  
GCCCTCATCCACGATGGCTTGGCAGCTGGGATCCGCGAAGCTGCCAAGGCCCTAGACAAGCGCAAGCCC  
ATCTTTGTGTGCTCGCATCCAATTGCGATGAGCCTATGTACGTGAAGTTGGTGGAGGCCCTCTGTGCCGA  
GCACCAAGATCAACCTGATTAAGGTTGACGACAACAAGAAGCTGGGGGAATGGGTAGGCCCTGTGTAATAATC  
GACAGGGAGGGAAAGCCCCGCAAGGTGGTGGCTGCAGTTGTGTGGTGGTGAAGGACTACGGCAAAGAGT  
CTCAGGCCAAGGATGTCATCGAGGAGTACTTTAAATGCAAGAAATGAACAAATAAAAACTTGACTTTTG  
CTC  
>GBEQ1810 |Acc|BM735305|Ver|BM735305.1 GI:19056638|MONO1\_18\_E12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:654  
CAGAAAAAGTGAAAGATCCTAAGACTGCTGCTGACGTGGTCACTGGGGCCAACTCTGTGGATAGCAGAGT  
GCAAGACCAAAAAGAAGAGAGTTTCAAGACGAAAGTGAAGTGTCTAATATTCTGAGAAGTGGTAGATCC  
AAGCAGTTCTATAATCAGACTTATGGAGGCAGGAAGTACAAAAGCGATTGGGGCTATTCTGGTAGGGGAG  
GATATCAACACGCGAGAGGTGAGGAGTCTGGAAGGGCAGCCAAGCAGAAACCGAGACGAAGGTTATCA  
GTACCATCGCAATGTGAGAGGACGGCCGTATAGGGGGGACAGGAGAAGATCAGGGATGGGAGACGGCCAT  
CGGGGACAACACGCTTGATGGTTGTTGCTGCGGGATTTTAGAGCAGAAACCCCTTTCTTAGGTGGAATGTT  
TCTGAAGGCTTTTAAAAAATACATTAATAAATAAACCCTTTGGAACGCTCTCCTCCCCCTCCCCCTTTA  
CCCTCACTCCCCTCTTGGACAACAGATTTTGGATATGCATTCAAGGGGGCAGGTGAATTCCTGGCATTGC  
CATTTTCTTTGTTCAAAATCTGTTTATTGGGTGACTGCTCCATAAAAAAGTAGAAAATGTTTGTAAAG  
TATTTTTATAAACAGCTTAATAT  
>GBEQ1811 |Acc|BM735291|Ver|BM735291.1 GI:19056624|MONO1\_18\_F11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:647  
CTTACTGCTACAACCCACATGCAAAGGAATGCGGTGGCATCTTTACAGATACAAAGAGAATTTTTAAATC  
TCCAGGCTTCCCAAATGAATATGATGATAACCAAGTCTGCTACTGGCACATCAGACTCAAGTATGGTCAG  
CGTATTACCTGAGTTTTCTGGACTTTGATCTTGAAGACGATACAGGTTGCTTGGCTGACTATGTTGAAA  
TATATGACAGTTATGATGATGTCCATGGCTTTGTGGGAAGATACTGTGGAGATGAGCTTCCAGAAGACAT  
CATTAGCACAGGAAATGTCATGACTTTGAAGTTTCTAAGCGATGCTTCGGTGACCGCAGGAGGTTTCCAA  
ATCAAGTACGTGGCAGTGGATCCCCATCCAACCCAGTCAAGGAAAAAATACAAGCACTACTTCTACGG  
GAAATAAAAGCTTTTTAGCTGGAAGATTTACCCATTTATAAAACAAAAAAGGACATTCAGTGTATTATGG  
TTGTCTCTTTTGAACCCCTTTGATCTCAGTTTTGTATTATTATTAAACATTTATTTATTATTTTGTAAA  
TGTGAAAACCATACCTGATAATTTGGGGAAAATTTGGAAAATACAGTAAACTTTAAATGAGAAAAATAAAA  
TCTCTTATAATTC  
>GBEQ1812 |Acc|BM735285|Ver|BM735285.1 GI:19056618|MONO1\_18\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:581  
CGGACGCGAGCGGGGGCGGAGGGGAGGAGGGGCGGGGGCGGGGGGGCTTGGCGGGCTCTGGCCCATCCGG  
CCGGGTTGACAGGATGCCTTCGGAGCCCCGGGCGCGCAGGGGCGCCGGTTTTACCGGGAGGGGCTGCGGG  
GAGTCTGGTCCGAGGCGGGGGCGGGCGGGGCGGGTGTGGGAGGCGCGGGGTGTCCGTTCCCGG  
GTCCTGAGAGCGGGTCCCCTCTGAACGCGCCCGGAACAGGCCAAACGCACCAAGAAGGTCGGGATCGTC  
GGCAAGTACGCGACGCGGTATGGCCCTCCCTGAGGAAGATGGTGAAGAAGATTGAGATCAGCCAGCAGC  
CCAAGTACACGTGCTCCTTCTGCGGGAAGACGAAGATGAAGCGGCGCGGTTGGCATCTGGCAGTCCGG  
CTCCTGCATGAAGACGCTGGCGGCGGCGCTGGACCTACAACACCCTCTGCGGTCACAGTAAAGTCC  
GCCATCAGAAGACTGAAGGAATTGAAAGACCAGTAGAAGCTCCGCCGTTTGGAGACATTGCTGGGCCGTGA

[illegible]

AACATTTAAATCTGCAGCAGCAAGTTCTCCATTTTGCCAGTTCCTTTTACTGTCATGTAATCAACTAACT  
TTGTATGTGGATTTCGATGTAAAGTATGCATGTTACTTTTATGTGTATTTAATCATGAAATTTAATTTTG  
CACATTTATTTGTAATGTTTTCTTTTAAATAAAAGTGACTAATTTTGTGTACTCTG  
>GBEQ1819 |Acc|BM735270|Ver|BM735270.1 GI:19056603|MON01\_17\_A02.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:25:Stop:486  
GTTGATTCAGTCCATTTCTTGGCCGCTCAGGGAGCTCACACGTCTGCTGGCATTAGTCAGCAGAGC  
ACCCAGCCCTGAGCCACAGGGCTCCCTCCGCCTCACGCCCTCGTCCCATCTGGTTGTGTGAAGAAAATGG  
GAAAAGGAGAACCGAGAGGGGAGCTGAGGCAGTCGACCGTGTTCAGTTTTATTATTTTTTAAATGTGTT  
TTTTCTCCAAGTCTGCCAATCTCTGAAATTGGAAGAATAGGCGGTCTGAGATGGTCATGCCAATCATGT  
TGTGATTCTCTCTTGGTGGGATGAAGGTTCTGCCCCACAGGAAGGATTGTACTTGATGGAGTTGCTCTG  
TTTAGGTTCTGTAATTGCCAGTGTATCGAAACTCATATAAATTCTATGTTTTTGTATAAATCTTCTG  
GAAAAAACCTCTAATGTGAAACATTAAGGTATTACTATCC  
>GBEQ1820 |Acc|BM735264|Ver|BM735264.1 GI:19056597|MON01\_17\_A08.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:605  
CTGAAGCCTAGCTGTCCAGGGGCTAGGGATGGTTGTGGGGGGCTGGCCCTCTAGCCCTTAGGGTCCCT  
GCCTGGGCAAATCTGAGCTTTGGCCATGGCTTGTGTTTAGGCCCCACCTGGTTCATGTGCCTGAGGGGC  
AGTCAGGGTGGAGCCTGTACATGTCTGCTGCAGGCATGGGGCTGCTGGGGGTCTGCGGGCTGCAGCAGCT  
CTGCATGGCTAGAGTTGGGCTGAGAGCTCAGTCATAGCCCTGGTGCCTGGAATCGGGCTCGGAGGTGCT  
GGACCACCCTCTGTAAGTCACTGCCAGCAGCCTTCTCCGTCTTCTCCGGTCCACGTGCTCCTCTG  
GTATCAGCTTCGTGTGCTTCTGTGGGAGGGAGCAGCCACCCTGTGCCATGTCTGGGGCCACTGCAGCCGG  
AGGGTCTGGATCTGCCACCAGCCCTGAGGGTGGCATTCTGGTATGGTCCCCAGAAATTTTGATCAGACC  
TGGACCTGGCTGGTCCCCTGTGTTGTCTCTGGACCGAGGCCCTTGTCTGTGAAATGCAGTGTTCATAC  
AATCCCATCTTTCTAGTGCATGAGAAATAAGATTATTT  
>GBEQ1821 |Acc|BM735258|Ver|BM735258.1 GI:19056591|MON01\_17\_B07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:633  
GTGACACTTAGTACCGTGTTTTTAAGAATAATTTGATTCCAAATGTGTTAGAGGATCTTTTGTACTGAGG  
TTTTTAAACCCTTTTCTGTGCTAGCTTTACTTGGGTTTACCAAGCCTTGATTGGACAGACCAGTGAACAG  
TCCCAGGCACCGTCCCTTCAGGCCCCCAAACAAGGATGTCTTTATGCCGAACCTCCTTGGTGTGCGGT  
AATTGTGCTAGTGCCTTTGCTAAAAGCATCTCCTGTGCCATATGGAACAATAAAGAGGCCTGTGCCTCC  
TGCTTGGCTGCCTGCAAGCGAAAAACTGCCCTTTGTTTTGGAACCTTAAGAAATAAGCCAGATACTAAC  
TGCCTGGCTGATGAGCATCGAGCCTGTCTCTCAGGCAGAGGAGGGGTTCGGGGTGCCTCGAAGTGA  
TGGATTTCAAGTGGTGAAGCAAGCAAGGGCGTGGCCACACAGTGGGTCTTCGTATGAACGACCCCTCGG  
GGCAGTGTCTTTCGTAGATAACTCGAAGCTGTGTGCATGATGCTGGTGTCTTGACCATGAAATGAAACTCT  
CATCTTAAATCTGTGTGTACTTACAACTCCTGGACTGTGCTTAAAGTAAACAATGTACAAATTTG  
>GBEQ1822 |Acc|BM735255|Ver|BM735255.1 GI:19056588|MON01\_17\_B04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:177  
GCACGAGAAAGAAACGAAACTGGGACATGTGGTTACTGTGGACTCCAGTTCAGACAGCACCATCACTAG  
AGCGACTCCTTGGGCCCAGGAGGTGGCAGAGGGAGCATTTCCCTGGTAAACGGCACAGGTGGAGGCCCT  
GGTGTGTGCGTGGCGAATAAAGGGCGTGTTCAGG  
>GBEQ1823 |Acc|BM735254|Ver|BM735254.1 GI:19056587|MON01\_17\_B03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:621  
GAGGATCTGTCTGAAAGACTATTTCATGGACCAGGAAGAAGCGTAAGGACGATCTATGTCATCTTTGTTAC  
AAGCTTTCATGACTGTCAGATTGTAAATACAGATTATTTATTAACCTCTGTTCTACCTGGAATCTAGGTTT  
CGTATGGAAAGTACCCGAGAGCAGGTAGTTGGGATTTATCAGCAAATCTCTCACAAGAATGGCACAAGGA  
AAACAGCCCAGCGAGCTGCTTCACTTTGTGCTTAGCTTGAATGATTGGGATTCTTTCAATTTTTTCC  
TTTGTTTTGTCTTTTTAAGTGAATTAGTTGGTTGTCTATTTGCAAGTGTCTTAGATTGAAAAGCAAGC  
CAGGAGGCCCTCAATACTGTTTTACCCCATCCCTTGTGCCTATTTCCAGGGAGAAAGAAAGCATCTACAC  
TTTTTTTTTTTCAATTTTCCAAAAGAGAAAAAATGACAAAGGTGAAACTTATATACAAATATTACCTCAT  
TTGTTGTGTGACTGAGTAAAGAATTTTGGATCAAACAGAAAGAGTTTAAAGTGTCTAACAACTTAAAGC  
TACTGTAGTAGGGGGGCC  
>GBEQ1824 |Acc|BM735252|Ver|BM735252.1 GI:19056585|MON01\_17\_B01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:619  
GTCCAATTAGAGCAAAGGACAGAGCACTAGAAGCATGTTAAGAAGTGAGGACAGGATGTGAGAGAAGAGC  
AGGTGGCATTGGCTCGAGCAGCACATTTATATTTTATCAGGAATGTCCCATACCGTATCCGTGTGCGGT  
TGTCCAGAAAACGTAATGAGGATGAAGATTACCAAACAACTCTATACGTTGGTTACCTACGTACCTGT  
CACCACTTTCAAAGTAAGTTTACTCCGTCCCACAAAGCTGTTTAGAGAAACCACCTTAGCCCTGTTAT  
AGCCTGAATTTATGTGTTTACGAAATACTTAGTGTGCACCTGTATGCTGGCATTATCCAGTAGGAATG



TAAGGAACAGGTATAATCAGCAGACCTTGTTTAATTGTCAAGGTGTGGAAGAATGCAAAAGGACACAAAA  
CAAGTCTGTATCTGGGTTGTAAAAAGGTCACATGGAATCCTACTGCTTGCCCTAAACCCCTTCAAGAAAAAGG  
TTTTGGAGTATAAAGTGTGTGGGGCTGGAGGCTGACTGGCTGTCACTTCTTTTACAGATCTACAGACAGT  
CAACGTGGATGAGAACTAAGTGTGTTCAATAAAGTTATAAAACCG  
>GBEQ1825 |Acc|BM735238|Ver|BM735238.1 GI:19056571|MON01\_17\_C08.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:442  
GCACGAGGTGGGTCGGCCTCTCGCGTCTTCTCTGCAAATGGGCTCTGTGGCCTAGCGTCCCCGTCCCCGC  
CACCAGTGATCGCGCGCCGAGGCGCGAGGGGTGCGCGCCGAGGCTTCCGCCGGCCCAAAACAGGAGC  
ATGGCAGCCATCCCCCTCCAGCGGCTCGCTCGTGGCCACCCACGACTACTACCGGCGCCGCTGGGTTCCTCA  
CTTCCAGCAACAGCTCCTGCGGCAGCGCCGAGTACCCTGGGGAAGCCATCCCCACCACCCCGGTCTCCC  
CAAGGCCAGCCCGGGTCACTGGTGGACGAGCTTCTTTTTTGGGAAGTCCACTCTCCCATTCATGGCCACA  
GTGTTGGAGTCCCCAGAGCACTCGAGTCCCCCAGGCCTCCAGCAGCACCATCACGTGTGACCTGCTCC  
AGAAGCCTCGAGGGGGGGCCCCG  
>GBEQ1826 |Acc|BM735237|Ver|BM735237.1 GI:19056570|MON01\_17\_C07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:334  
GCACGAGGCGCAGGGGACCGTCCCGCATGTGGTTCGAGATTCTCCCCGGGATGGCCGTATGGCCGTGT  
GCTTGCTCATCCCCGGGGTGGCCACCGCTCGCATCCACAGGTTCACTAACGGGGGCAAGGAAAAAAGAGT  
TGCCATTATTATCAATGAGTTTGTATGGAAGAGATAGGCGCGTCTCTGGAGTGAATCGTTATTAT  
GTGTCAAAGGGTTTGGAGAACATTGATTAAGGAAGCATTTCCTCCGATTGATGAAAAATAACTCAGTTATG  
CTCATCTACCCCTGCTAGAAGGTTATGCAGTGTATTGTGTGTATGTAGTATCT  
>GBEQ1827 |Acc|BM735235|Ver|BM735235.1 GI:19056568|MON01\_17\_D08.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:506  
GCACGAGGTGCCGCGGTCTCAGGAACATCCTCCTGTGCCTCAGTCATGGCTTGTGGTCTGGTCCGACG  
AACCTGAATCTCAAACCCGGGGAGTGCCTCCGAGTGCGGGGCGAAGTGGCCCCCGACGCCAAGAGCTTTG  
TGCTGAACCTGGGCAAGACAGCGACACCTGTGCCTGCCTCAACCCCTCGCTTCAACATGCACGGGGA  
CGCCAACACCAATTGTGTGCAACAGCAAGGATGGTGGGGCCTGGGGGACCGAGCAACGGGAGTCCGGCTTC  
CCCTTCCAGCCTGGAAAGTGTATGGAGGTGTGCATCTCCTTCGACAAGGCAGACCTGACCATCACGCTGC  
CGGATGGCTACTCGTTCAAGTTCCCCAACCGCCTCAAQCTGGAGGCCGTCAACTACCTGTCGGCCAACGG  
CGACTTCAAGATCAAGTGTGTGGCCTTTGAGTGAAGCCAGCCAGCCCATGGCCCCCAATAAAGGCAGCTG  
CCTCTGCTCTCCCTGG  
>GBEQ1828 |Acc|BM735215|Ver|BM735215.1 GI:19056548|MON01\_17\_F03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:530  
AGTTCCACACAGAGTTGGAGCGGCTGCCTGCCAAGGACATCCAGACCAATGTCTACATCAAGCATCCCGT  
GTCCCTTGAGCAATACCTGATGGAAGGCAGCTACAACAAAGTGTCTGGCCAAAGGCAACATCCCTGCC  
GAGAGCTATACCTTCTTCATCGACATCCTGCTTGACACCATCAGGGATGAGATTGCTGGGTGCATCGAGA  
AGGCCTATGAGAAAAATCCTCTTCACTGAGGCCACTCGGATCCTCTTCTTCAACACACCCAAAAAGATGAC  
AGACTACGCCAAGAAGCGAGGGTGGGTCTGGGCCTCAATAACTACTACAGCTTTGCCAGCCAGCAGCAG  
AAGCCGGAAGATACCACCATCCCCCTCCACGGAACAGGCAACAGGTCATCGAGTATGCCCGGCAGCTGG  
AGATGATCGTCTGAGCACCCGGGCCCTGGGGGGCAGCTGGTTATTTAAGACCCCTGAGGCCTCGCAGTCC  
CGGGTCACCCGGGTCTCCAATAAAGGTGGATCGACACTC  
>GBEQ1829 |Acc|BM735212|Ver|BM735212.1 GI:19056545|MON01\_17\_F06.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:50:Stop:241  
GGTGTTCGTGAACAACGACCTAGAGAACGATCTGGTTTCCCTCCAGAGGTCCAAGACCAGGCAGAGGAG  
ATATTGAACAGAATGAATCTGACAACCGTAGAATAATTGCTATCCAGTCAGTCATCAACTTTTTGTGCGG  
TAGCTTGCCACATGATATCGATGAAAATGAAGTGAAAGAGTTCTTCATGAGT  
>GBEQ1830 |Acc|BM735208|Ver|BM735208.1 GI:19056541|MON01\_17\_G04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:348  
GCACGAGCTCGTCCCGCAAGATCTCTTACAGCGGGAGGAGACACCATCGAACCAGGTGAGGGCAGATCA  
GAGGCTGAAGGCCCTTGGGGAGGCAAGGTGAGAACTCTGGAGATGGGGCCGGCCAGTGGCGCAGCGGTTA  
AGTTACACAGTTCTGCTTCAGTAGTCCCGGGTTCGCTGGTTTGGATCCAGGTGCGGACATGGCACCCGCC  
TGGCATGCCATGCTGTGGTAGGAGTCCCATATATAAGTAGAGGAAGATGGGCATGGATGTTAGCTCAGG  
GCCAGTCTTCTCAGCAAANAAGAGGAGGATTGGTGGCAGAATGTTAGCTCAGGGCTACATCTTCCTC  
>GBEQ1831 |Acc|BM735205|Ver|BM735205.1 GI:19056538|MON01\_17\_G07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:28:Stop:673  
TCAGGCTGTCAATTTTAAAGTCTTAAAGCAATGAATGTTTGTGTGCAAAACACAGTATTTTAAAGAGG  
ATAGGCTATAGTTTTTGTCTTACTCTGAACTAGGTGGGCACATTTCAAAACTTGGATGAGAAAAAGCT  
TGGGAATTCTAGTGAATATTCAGCAAGACCTCTTTCAATGTCCAGGGTTCCAATTCCTCGTTTTTCTT

GTCCCCACCCCCATCCTGCAAGTTATTTCTGCAAGGAAAAACAGGAACTCATGTTTCATCAAAGGTCTA  
GGCTGATTTTTTTTTTTTGGCAACTTATATTTATTATCTATTGGAGTCAATCTTAAATCAGAAGCTTCTT  
CAGAAAAAAATTTAATCTTTAGGCCAGAATATAAGAGTTGGGTGCATTTTTTTTTTTATGATTAAGGCCTG  
GTTTCAAGAAATATTACCTGCTCGGCTGGGCTAAATAATGTTGTTGTCACCAGTTAAAGATAAATAATTT  
GGGGGAAGGTGTTAAGAGAGTGGGAGTAAAGAAGAGAACAATTAGGAGGTGGGGATGGTAACACTAGTAA  
AAATCCATAATATTTTAAATTTACAGCCAAAACCTCTGTATGTATAAGCTTGTATGTATCGATTGAGATGCA  
AAAAAAAAAAAAAAAA

>GBEQ1832 |Acc|BM735203|Ver|BM735203.1 GI:19056536|MONO1\_17\_H01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:181

GCACGAGCTCGTGCCGGAAGGCCCGTGCAGGAGGCGACGTGCTCACCCTGTTGGAGTCAGAGCGAGA  
GGCCCGGAGGCTGCGCTGAACATGCGGTTGGGTCTAGATGGAACCGGAGTTCTACCGCTTGGCCACGG  
GGATGACCTACGACCGTTAATAAAGTGCCGATATTGTATGT

>GBEQ1833 |Acc|BM735193|Ver|BM735193.1 GI:19056526|MONO1\_17\_H08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:66:Stop:647

GGCCAGTCTAAGTGGTTTGAAGAGATGGTGACACCACATTTGGAGCTGGAGCGGCTGGAGGTGGAGAGG  
GTAGAGATGATCCGGCAACATCTGTGTCACTACACACAGCTGCGGCACGAGACGGACATGTTCAACCAAA  
GCACAGTCGAGCCTGTGGACCAACTGCTTCGAAAAGTGGACCCAGCCAAAGACAGGGAGCTGTGGGTTCAG  
AGAGACACAAGACGGGCAACATCCGCCCCGTGGACATGGAGATCTAGACGGGCACGTGCAGCCCCGGGGTCT  
CTGCCCTTGTCTCTGAGGCCAAAGCCCCCACTCCCCTGCTGTGCTTGCCACTCCGAGAACAACTGAGG  
CTGGAACCTTTGTGGTCCCTGCTGAGCACCATGGGATCGCCTCCCATCCAGAGCCAGCTGTGTACACGC  
TTGTGCCCCCTGGAGCCCCACGGCCCTTCTCCAGCTGGCCCCCTTGTCTCCAGGGCTTTGGAGGGTCAG  
GGGAAGGAGGTCTCTGTCTCCAAGCCAGTGTGTCAGGATCAGATTGTGGATAGAAGGCATGTTTCAGCTCAA  
CAAGCCCGCACCCAGAACCCCTT

>GBEQ1834 |Acc|BM735186|Ver|BM735186.1 GI:19056519|MONO1\_16\_A01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:20:Stop:519

ACTGGGACTGAAGACTCAGACGATGCCCTGCTTAAGATGACCATCAGCCAGCAGGAGTTCAGCCGCACTG  
GGTCCCTGACCTAAGCAGTATGACTGAAGAAGAGCAGATCGCTTATGCCATGCAGATGTCCCTGCAGGG  
CGCAGAGTTCGGCCAGGCGGAATCAGCTGACATTTGATGCTAGTTTCCAGCATGGACACATCTGAGCCTGCT  
AAGGAGGAGGATGATTATGACGTGATGCAGGATCCTGAGTTCCTTCAGAGTGTCTGGAGAACCTTCCAG  
GCGTGGATCCCAACAACGAGGCCATTTCGAAATGCCATGGGCTCCCTGGCTTCCAGGCCACCAAGGATAA  
CAAGAAAGACAAGAAGGAGGAGGACAAGAAGTGAAGTGGAGGAGGAAAGGGTGGCTGAGCCTGCTCATGGT  
GCTGCATAGGCCGGGGTGGGACATGCAGTTAGATATGTTAACTGGAACCATTACAACCTAAATAAAGCTT  
GGCAACTTTT

>GBEQ1835 |Acc|BM735183|Ver|BM735183.1 GI:19056516|MONO1\_16\_A10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:637

CAATATTTTGTGCCAACCAATGAGATCATTTTAGTAAACGCTTCTTAAAGTTGAGCCTCAAGAAGAAGG  
CAAAGCATGAAATATTAAGTTATTATTTATATATTTATATATATTTATAAGTATATTGTTAAGATAAT  
TATATTATTATATTTATGGCAGTCCTTGTAACTCTCTGAGTGTGACCAGGCATTATCAATCGCAGTAGACA  
GTGTTTTCCAGGCTGAGTGAGTTTGAGTGAGTTTCACTAAGGCACCTTGGTCCCAGTTGTACTTTTCCAT  
TGCCATGAAGCTCTGTATTCTAGTACCTGAGAGCCAGTAATTATGATAGTAAATTTACATTAAATTATGT  
TGTTTGTGTTGAGCTGATAATTGGTCAAAATCTTTCACTCATCTGCCTATAAACTTGCCATGGCATTCTGT  
GTCATTCAATTTACCTGCTATCAAATACTACTAGCTAAAATGGAATGAACCTTAACTTTGGCAACCATGG  
GACAACTGCTATCTAACTTTCTTTTCTGGAACATAAGCAATGTTCTTCTAGATTCTAAAAGTTGTGAT  
CAAACCATAGTGTTACAATACTATCAACAATAACATTATCAATCATAATTGAATAAACTTACAAAAAT  
TAAATCT

>GBEQ1836 |Acc|BM735182|Ver|BM735182.1 GI:19056515|MONO1\_16\_A09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:481

GCACGAGCTGAGGCGGCGTGCAGGGCTGCGGCCCTTGTCTCTTCCACCATGGCGTACCGCGGCCAGG  
GCCAGAGGTGCAGAAGGTGATGGTGCAGCCAATCAACCTCATCTTCAGATACTTGCAAAACAGATCTCG  
GATTTCAGGTGTGGCTTTATGAGCAAGTGAATATGCGGATAGAGGGCTGCATCATTGGTTTTGATGAGTAT  
ATGAACCTCGTATTAGACGATGCGGAAGAGATTTCATTCTAAAACAAAGTCAAGAAAACAACCTGGGTCGGA  
TCATGCTAAAAGGAGATAATATTACTCTACTCCAGAGTGTCTCCAACCTAGAAATGCTCGATGAAGTGAGC  
CATTGTTGAGAAGGCAATGCAGTTTGTGTTTTAGTGTCTCTGTTGGAGTGTAGCTGTAAAACAGTTTTCG  
ATATTGTTTTGATTACCCCTTATGTATTACCAGATGACAATAAATGCTTTGGGATTTGTTTTT

>GBEQ1837 |Acc|BM735181|Ver|BM735181.1 GI:19056514|MONO1\_16\_A08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:87:Stop:651

TATTCCTGGACGCTTTTGGTGAATTTCCAGACATTTTCATCTTCTGCATTGCCAAAATCTGAACATTTT



TCATGCATCTCCTGAGTCCCCTTACGTTGTGTTGAGAGGAGCTGGCAGCACTCACGGTGCACCCCCGACG  
TGCAGCCATCTCCCGCGGTCACTGGGCTGCTGGGAGCACTCACGGTGCACCCCCGACGTGCAGCCATCTC  
CCTCGGTCCACGGGCTGCTGGGAGCACTCACGGTGCACCCCCGACGTGCAGCCGTCTCCCTCGGTCACTG  
GGCTGCTGGAGCCTGCGGCCCCCTTGGTGGCTCCCGGTGCAGGAGCGTCAGTGTGGCAGGGGCTGTGCCG  
TCACCCGGTGTCCCGACTCGCAGACACCGAGGCAGGGAGGTGCGGATCTCCATTTCAAGGTGTCTGTAA  
GCGCTCCTCACGTGATTACATGCCCTCTTTAAACCAGTTCTGTAGACTCTGGGATCAAATGGCTTTTTTC  
CTTTTGTTTAAATTTGACTATTTTAAAGCTTAATGTATGTATGTTTCTATTTTAAATAAATTTCTCTG  
GCTGG

>GBEQ1838 |Acc|BM735180|Ver|BM735180.1 GI:19056513|MONO1\_16\_A07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:44:Stop:646

TCTGTTCCCTAGGAATGGTGGTGGCGCATTACATCCATAGCTCCTACCAGAAAGCGTGACATCGCCTC  
AGAGGCAGGGAGAGCTCTGATTGCGGGGACCATCGCCTGCTTCATAACTGCCTGCATTGCAGGCATCCTC  
TCCAGTACTCCTGTAGACATCAACTGCCATCACACATTAGAGAACGCCTTCGCCCTCCAGCTTATCTCAA  
ACACAACCTGATGTGGTGTCTCTGTTGTCAGAGCCTACTGAGCAGCACTGTTGCCAAGGGTCTGGGGAGGT  
CATCCCAGGAGGGAACACACAGCCTGTCTCTTTGAAGAACTGCTGTGAATTGTTGAAGCCATCAACACTG  
AACTGCACCTTGGATCCCTGATCAACTCTGAGTTCAGCCACTTCTCCAACAGAACTGGATTGTCAAGATCA  
CTGGCTTCAGGCCCAAACTGGAAGATCAGTGATGCCAGAGCCTCAAAGGGAACACCAGGCCACTCTCGG  
TTGAATAGCACGTTGATGAGCCTGCTCCACACGCTACATAATGGTCCCTTTACTGTGCTGCGTTCTGAG  
AAAATCACTTGGCTTTTCTAAGTCTCCAATAAAAAAGAGTTAC

>GBEQ1839 |Acc|BM735164|Ver|BM735164.1 GI:19056497|MONO1\_16\_C01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:69:Stop:335

TCCAGATTTGTGCAAAGGCAGTGAGAGATGCCCTGAAGACAGAATTCAAAGCAAATGCCGAGAAGACTT  
TTGGCAGCAGCGTAAAAATTGCTGAAAGTGAAAAAGGAATAATTTCCCTGACTAAAGCTTGACATGCTAC  
ATTTTCAAGGTGAAGATGTATGGGCCCCATGTTATGGCAGATTGAAAACGTTCTCGCTTCATGGGGAAAAC  
AAAAAATCCCTGTCTGTGTAATAGATTGCCAATGCCAATAAAGTGAAGCATGGGTC

>GBEQ1840 |Acc|BM735163|Ver|BM735163.1 GI:19056496|MONO1\_16\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:116:Stop:601

TGGCATCCTGGCGGGCAGCCACTTCTCTGCCAACTGGATCTTTGCACTGGCTGGTGGAAATGTTCTGTAC  
ATTCTCTGGCTGATATGTTCCCTGAGATGAATGAGGTCTCCCAAGAGGATGAAAGGAACGGCAGTGCCCT  
TGATCCCCCTTTGCCATCCAGAACCTGGGCCCTCTTGACCGGTTTACCATCATGCTGCTCCTCACTATGTA  
CTCAGGACAGATCCAGATCGGGTAGGGGCTTGGGCTACGCGTCCCGCGAGGACTCGGCATCTGCAA  
GGCACCTCGGAAGAGGCGGTTCTGTAAAAACCGTGACACGGACTGTACTCCTGCATTCAATGTCAGCTG  
TCTCTAAAACGCTCTGTCTAGGAATAAGCTGCCTGGTAACCAGTCTCTAGGTAGTGCCCTCTCTCCCTGT  
CCTCTCCCTCTTGGCCAGAGTGACTCTGGAACCTGAGTGCAGCTGAGAAGACAAGCTTAACCTTTT

>GBEQ1841 |Acc|BM735155|Ver|BM735155.1 GI:19056488|MONO1\_16\_C09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:648

TGGGAAAAAAGTGTCTCTTAATTTTACTTCCCTTAAGCCTAAATGCCTGGACATAGCTATTGTGACAC  
CTTTAAATAAATCTGTTTGAATGTTTTTGTAGCCCAACAATAATGTTTTAAAGTTATCCCTTGTCT  
ACTTTACTGATACCTTTATCATTCCTGGGACAGTCTGCTGATTTTAAACATGTAGCATTCATTTGTAT  
TTATTTTCTCCCTTGCCAAAAAGATTTTCTAGTACTGCTTGAACCAGCCAGGGAAATGCTCCAAAACAC  
TATTCAGATCTCTTGCACTGAGGAACCTATTTTTTCCCCCATTTATGACTCTGGCTTCCATCAGCCAAAG  
CTTACCTTGGTGTGGTTTGGATTTGATAGCTAATTAGTTTTGTGCTGGTTGCGAAGAGTTCAATTGAGA  
TAATTTTTTAATATTACGAGATTGTCTTCTTTATATTATATCTTTTTTATGTTGCATGTTGCTTTTGGT  
ATCAGCCTGACTCTTTGCCAGTATATGATAGTTCTGCTGATGTTTTATTGTTTATTGGTGAACATATCT  
TCATTAAGAGTTTTTGGAAACTCATCAACTCAGTAAGTTTTCTTCATAATCCATTTGGAATTATTCTT  
AATAAATGATAAAATTG

>GBEQ1842 |Acc|BM735149|Ver|BM735149.1 GI:19056482|MONO1\_16\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:617

CGCTGAGTTGGAAATTAAGAGAAAGAGAGAGAAGCCAAAGAGATGCATGAAAGGAAGCGACAAAGGGAA  
GAAGAGATTGAAGCTCAAGAAAAAGCCAAACGGGAAAGGGAGTGGCAGAAAACTTTGAGGAAAGTCGAG  
ATGGTCGTGTGGACAGCTGGCGAAACTTCAAGCAAATACAAAGGGGAAGAGGAGAAGAAAAATCGGAC  
CTTCTGTAGACCACAAAAGTAAAAATGGAGCAGCGAGTGACCGCGTGGGGTCACAGCCGAGAACCT  
TCCCCAGCTGTCTCCCTCCTGCTTTGAAGGACTCATTTCTTCTCCCATTTCCACCCCAACATAGAGT  
AGTATTTGCTTTTAGTCCATTTTGTGTTTCAATACAAATTAATATCGATCAGAGTCATTCTTTGTACAT  
TGAAATCAGGGGCTTGGTTTAAAAAAACCTTCCCTGACCCCATACCCCTAAACCAACAGGATTGGAAG  
GTACCACCGCTGGTGTGCTTTCCTTCCCACAGCCTGTAACCTAATGTTTTGTACTTCACTGAATTGTG  
ATGGTTAGAACTTCGTGTATAGTTTGTGGAAATCATGCAATTAACATATTGCTT

>GBEQ1843 |Acc|BM735147|Ver|BM735147.1 GI:19056480|MONO1\_16\_D07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:27:Stop:635  
GGGCCCCGTGATAGGTGCCATCCTACTGCATAAGGAGACTGACGTGACTCAGATGCTCCTGGGGAGTCTGC  
TCAACTGATGGAAACAGAGCAGGAGAAAATAGGGGGACATGTCTCCCACTACACTCCTCTTTCCCTTTCA  
AGCTGTGTGTCTGCAGCTGCCTTCCCCCTGGGAGGGGTGGGAAGTGGAGATGGGGTGACAGTGCAGGGGAC  
AATCAGGAATCAGAGGTGCGAGCCTCAGGTCTGTCTGATGCTCGTGTGCTGGTTGGGGATTCTCTGCAGT  
CAGACGCCAGAGACCTGCAGTCCCACACTGCAAGGCCGTGACACCTGTCTGCCCGGACCCAGTGGACT  
CCTAAGACAGCTCGAGCATTCTTTTGTAAAAGATTGAGAAAAGTGTCTCAAGGCAGAAATAGAGACTGA  
TTTGGTCTATGCTTAAGATAGTCTCTGTGCCAGAACCATTGATTAAATAAGTGACCCATTTCCCGCTGAA  
CTGGAACATCACATTTATCACATACACATTTTCGTGCTCCCTGATATCCGTGTGTCAGGGTTCTCAGTTCT  
GTTCTTGTCTTCTACTTTTCTACTCTACATGAATAAAATATTGATTCTG  
>GBEQ1844 |Acc|BM735144|Ver|BM735144.1 GI:19056477|MONO1\_16\_D03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:17:Stop:607  
TAGATCAAGATAAGTTGCTATCATGTAATTTAAACCAATGTAAATATTTTATGGAGTAATGATTTTTTCACA  
TATATTTCTTAAGGCACTGTTTATGATTACCTGTCTATTGGATTGCCATTTTAAATAATTAAATATTGC  
TGCTGCTTTGTAGATGATGAGAAGAAATGTAAAATGCTTTGTAGAAGGAAATTTTTTCACCTTTGGAAC  
AGAATATATTAGAGTTGCAGGTCACAGCCACCTATGTACATACTAATTACTTGTGTAGATACTTATCTGTC  
TTATGCTAAAGTATAGTTTGGGAAAAGAAATTTTAAATGAAAAGGTTGTAAAAGTAAAAACTGTAAAT  
GTGTATGTATGATAGAATGATTTTCTGTAAAGTGCAGTTTCTTTCAACTGAAATTCCTAATTTCTTTTA  
TGTGTAATAATAATTCAGTCATTAGTAGAATAAGATTTCACAAATGTATACTATCTTGCTAGATACTC  
CTAAGAACACAATTTTATATAATTTTGAATCATGTATGTTTAAATTAGAAAACCAAAAATAATCACAA  
ACATTCTAAGAGANAAATAAATATATAAGTT  
>GBEQ1845 |Acc|BM735143|Ver|BM735143.1 GI:19056476|MONO1\_16\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:23:Stop:662  
CAAGTGGCCAGATGTACAAAGATAATCAATGCTGATTGAGAGACCCGAAGTACATTATCAACGTGAAGC  
AGTTTGCCAAGTTCGTGGTGGACCTCAGTGATCAGGTGGGACCTACTGACATTGAAGAAGGGATGAGAGT  
TGGTGTGGACAGAAATAAGTATCAGATTCACATTCGCTGCCTCCTAAGATTGACCCAACAGTTACCATG  
ATGCAGGTGGAGGAAAACCTGATGTACATACAGCGATGTGGGTGGCTGTAAGGAACAGATTGAGAAGC  
TTCGAGAAGTAGTTGAGACCCCGCTACTTACCCAGAGAGGTTTGTAAACCTTGGCATTGAGCCTCCCAA  
GGGTGTGCTGCTCTTTGGTCCCCCGGGTACAGGCAAGACACTCTGTGCTCGGGCAGTTGCTAACAGGACT  
GATGCTTGCTTCATTTCGCTTATTGGATCTGAGCTTGTACAGAAGTACGTGCGGGGAGGGGGCTCGAATGG  
TTCGAGAACCTCTTTGAAATGGCCAGAACCAGGCTGCCTTATATTCTTTGATGAAATTTGATGCTAT  
TGGAGGGGCTCGTTTCGACGATGGTGTGAGGTTGACAACGAAGTGCAGAGAACCATGTGGAAGTATGATCA  
ACCAGCTGGA  
>GBEQ1846 |Acc|BM735142|Ver|BM735142.1 GI:19056475|MONO1\_16\_E06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:604  
TTGGATTGGGAAGTATGAGCTGGAAGAGGATGGGAACCCCTCCGGTGAGGATTCCAACCTTCTTGTGTA  
AGTGATGCAGCTAACCTACCTGCCAACCTCTCCTCTGCTGGCAGACTGTACCGTCCCCATTACTGATATC  
AGGGCTTTCACATCGACGCTTAACCTTCTCCCTACCATAAAATAGTCAAATAAACTGCAGTCTCGTTGG  
CCTGAAATTTGTGATTTTAAAAATGTGTGTATATTTTATGAAGTTATACCACTACTGTCTTAGGGCTTCCA  
TTGAATTTTGCAGTGGTATCATAGAATTTTATTACACCCCCCNCNCCCCGTTTGTGTGACTAACAA  
ACCAAGGGTTACTATAGCAGCTGGCAGAGGGAAATTAGCAGGGTGGGCGGTGTGTGACTGAAAAGCTTAC  
AGGAGCAGTCTGAGAAGCCTGGCCTGGCCTCTCTCAGACTGAGAATCCAGTTCGTGTATGACAGACTCGAG  
AGGCCCTATGTAACCACTGTCTTAGTACCTAAATGCTAGGTGCTAAAATACTAATAACCTGTGTTTTTTA  
AGTGTATTTTTAAATAAAGATAGTTCTGTATTGCCCTC  
>GBEQ1847 |Acc|BM735138|Ver|BM735138.1 GI:19056471|MONO1\_16\_E02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:32:Stop:661  
GCCTCCTATGTGTACCTGTCCATGTCTTTCTATTGTATCGCGATGATGTGGCTNTGAAGAACTTTGCCA  
AATATTTTCTTACCAATCTCATGAGGAGAGGGAACATGCTGAGAACTGATGAAGCTGCAGAACCAACG  
AGGCGGCCGGATCTTCTTTCAGGACATCAAGGTGAGCAAAAGATCCTAGGGACATCATGCTTCATCATCT  
CTCTAGCAGTTCTCGGGTGTGAGAGATCACCCAGAGACTGACAGTTGCCCTTAAGCAATGAGGATATATT  
TGGCTTCGGTCTTTTGTGCTTTTATAGCCTGCTTAACTAGCTACAGTAGGCACACAGTAACAGGCAAGG  
AGGTTACATTGGGAATTGTACCCAGGGAATGTGGTGGTTCCTTTGGCTGAAGCACAGTGGTTACGTGG  
TAGGTGCTTGCTGACTTGTCTGATTTAATAGGTAGAGACTGCAGATGCATTGACCTAACCATCTCTCGT  
TCAGAAACCAGACCAGGATGACTGGGAGAAATGGGCTGAAGGCAATGGAGTGTGCATTACACTCGGAAAAA  
AATGTGAATGAGTCACTATTGGAACTGCACAACTGGCCACTGACAAAAATGACCCCACTTGTGTGATT  
>GBEQ1848 |Acc|BM735137|Ver|BM735137.1 GI:19056470|MONO1\_16\_E01.g1\_A005 Monocytes (MONO1)

860

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:491

GCACGAGAGCAGGCTGGGCGCTGTGACCTTGGGGGCTCCCATTAGGCCCGTTTCCATGTAGACGTGGAAG  
CTGGGAGCCAAAGGTTCTTAAGACGTTATATCACGGTGGAGGGAAGGAAACGGAGGCGCTGCGCCTTTCC  
CCGACAGAGGGAGGTGGTGAAGTCTGGGAAGGCCGCCACCGAAAGGACACGTGAGCAGAGGTGACACATGC  
GGCCTGTGTGCCATGTGGCTGTGGCGCATGCGTGTGGCTGTGCGGCCGCCACCTGTCTGTGCAGTTTA  
AAGCAAGGCTTTAAATTAAGACTTGGGAGAGGGTCATAAATCCTAAAGGAAGCGTTGAAATAGGGTGTC  
ATGGATTAATTCACCTATGGCTATGGAATTACATGTAACATTATCTTGTCAATTGTAGTTTGGTTTTA  
TTTGAAAACCTGACAAAAAAGAAAGTTCAGGTGTGGAATGTGGAGGTTATCTGTACATCCTGGGGCAGT  
G

>GBEQ1855 |Acc|BM735115|Ver|BM735115.1 GI:19056448|MONO1\_16\_G07.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:65:Stop:426

TCAGGGAATTGAACAGAGGAGATGAAGGGGACCCCTGGCCTTGGGACCTACCTCACAGAGGAGCAGGAGT  
GGGAGCCGGGGACCGGCATTGGCCTGGAGGCTGGACAGAAAGCAGGAAATCTTTTGGATTCCCCATTT  
CTCAGACGACGAGGGAAGGACACATATCCATCCCCTCCACGCCCCCACCCTCCATCCGCCCCCCCCAC  
TCCCTCCACCCTGCCACCCACCCCGCCCCACATTTGACTTGGCCCAACCCGACTGGGTTTTTGGAGCAT  
GGGGTACCTGGGGGTGTGCTGCTGCCCTGCTGGTCTGCCCTAAGTTATTAATAAAACACGTGT  
TGAGCTGTTCCC

>GBEQ1856 |Acc|BM735113|Ver|BM735113.1 GI:19056446|MONO1\_16\_G04.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:9:Stop:527

TGGTGGAACTGGTCTACTCCAAGAACTCTGGGAGTGCCTTTTCTTGCCGTGGTCACAAGATAATATCC  
AACAGTCAAAAAGAAATCTTCAAGGTCATGGATATGAGTAGCTCTTGGCCTTAGAGAAAAAGGAGGAG  
AAACCAATGCTCATGGCAGCGTGATCAGATTTTCTGAAATTTAAGCTACTTTAGACACTGAAAGAAAC  
TTAAAAAATAGCTTCTGTTGAGTAGTTTATTGCTTTGAAATAATTTCTCGAAAGCCCAGGTGAGTA  
AAATTTTACTAGTCAGTCTTCCAAAAAGGCCATAAACCTCATAAACTTCTCTAGGTAACTGAGAAGAAA  
GTGATTCATCTATCCATAAGTAAGAAGAGAAAATGTGCACTCTTGTGCTAGTGTGAATTGGCTAAGTCTA  
TGTGGCTATGCAGGCCCTGTTTCTGTATTATTTTCACTCATATTGCTTAAATATTAGATATTAGAGAT  
TGCAAAAAACACTGTAATTAATAAACACTTG

>GBEQ1857 |Acc|BM735102|Ver|BM735102.1 GI:19056435|MONO1\_16\_H06.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:10:Stop:601

AGCGCAATCAGCGGCTGGAGGTTGACTACAGCATTGGGCGGGACATCCAGCGCCAGGACCTCAGTGCCAT  
TGCCCGAACCTTGCAAGAGTGGTGTGTGGGCTGTGAGGTAGTGCTGTGAGGATTGAGGAACAGGTGAGC  
CGTGCCAACCAGCACAAGGAGCAGCAACTGGGCTGAAGCAGCAGATTGAGAGTGAGGTGCGCAACCTTA  
AAAAAACCATTAAAGTTACAACAGCAGCAGCAGCCGAGCCACGCTCAGGACCCCTGAGCAACACCTGAC  
TGAGCTGAGGGAACAGCTCCTGGCACTAACCAAGCCAGCCAGCAAGAAAGCCTCAAAGGGCAAGGGG  
CTCCGAGGAGCGCCAAAGATTGGTCCAAGTCCGAGTGAAGGACTGTCGTCTCTTTCTGGGGATGTGC  
TTCCAGCTGCCTGCCCTTTAGGAGTCTCAGAGAGCCTTCTGTGCCCTGGCCAGCTGATAATC  
CTAGGTTTCATGACCTTACCTCCCTTCTCCTCTTCCCCACCCCAAGCATAGATCACACCTTCTCTAGG  
GAGGAGGCAAGTACAAGTGTGTTTTTGTGGT

>GBEQ1858 |Acc|BM735098|Ver|BM735098.1 GI:19056431|MONO1\_16\_H09.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:252

GCACGAGTGCAAGCCCGAACACAGATGATGTATGCAGGGAGTAAAAACAGGCTGGTGCAGACGGCAGAG  
CTCACAAAGGTGTTTGAATCCGCACCACTGATGACCTCACCGAGGCTGGGTCCAAGAGAAGCTGTCTT  
TCTTTCGTTGACCTCTGGGCTAAGGACCTGAATTCGTGATGTCTGAGTTGGGAATTCAGACCCCTAGGAC  
CTCACCATCCAGACCGTGAAGAAATTAATGCAAGAACTC

>GBEQ1859 |Acc|BM735091|Ver|BM735091.1 GI:19056424|MONO1\_23\_A03.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:57:Stop:647

GTATCTCGCTGAAGTCAATGTCCACTTGCCAGGTTCAAGCTGGAAGAGAGCTACGATCTCACCTCCCAT  
CTAGCCCGCTAGGTGTACAAGACCTCTTTAACAGGGGCAAAGCTGATCTGTCTGGCATGTCAGGGGCCA  
GAGATCTTTTCGTATCGAAATATCCACAAATCCTTTGTGGACCTGAATGAGGAGGGTACAGAGGCTGC  
GGCAGCCACAGCAGGCACGATCATGCTTGGCATGCTGATGCCAGAGGAAAATTTCAATGCCGACCATCCA  
TTTATTTTCTTCATTTCGGCACAATCCCTCAGCTAACATCCTGTTCTTAGGCAGATTTTCTTCCCTTAGA  
GAAGGTGGAAGTACAAGGTGAAGCTTAGAGCTTTATTACCTGCTAGTATTATTACCATTACTTTTAATAG  
TGACAGTTTTCATATATCTTTACCAATAAAACTACTATCCAAAAACAAATCTTTAATTTCTTTGTAAGT  
TCAGCTCTATTGGCTGTGACCCCTTAACCTTGGCGTGGGTAGCTATTTTCTTTTTTATGTTGAAAAA  
ATCTAGTTATTGCTTTTGGATGCATCAAGTT

>GBEQ1860 |Acc|BM735084|Ver|BM735084.1 GI:19056417|MONO1\_23\_B06.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:11:Stop:614

GGCAGCGGCGCGTGGCCACGTGGTTCAACCAGCCGGCGCGTAAGATCCGCAGGCGCAAGGCCCCGGCAGGC  
CAAGGCGCGGCGCATCGCCCCGCGGCGCGTGGCGCCCGGTCCGGCCCCGTCGTGCGCTGCCCCACCGTC  
AGGTACCACACCCCGCTGCGCGCCGGCAGGGGCTTCAGCCCTGGAGGAGCTGCGGGTGGCCGGCATCCACA  
AGAAGGTGGCCCGGACCATCGGGATCTCGGTGGACCCAGGAGGCGGAACAAGTCCACCGAGTCCCTGCA  
GGCCAACGTGCAGCGGCTGAAGGAGTACCGCTCCAAGCTCATCTCTTCCCCAGGAGGCCCTCGGCCCCC  
AAGAAGGGGGACAGCTCGGCGGAAGAATAAATTGGCCACCCAGCTGACAGGACCGGTTATGCCTATAC  
GGAACGTCTACAAGAAGGAGAAGGCCAGAGCCATCACGGACGAGGAGAAGAATAAAGCCCTTCGCCAG  
CCTCCGCATGGCCCGCGCAACGCCCGGCTCTTTGGCATCCGGGCAAAAAGGGCCAAGGAGGCCGAGAG  
CAGGATGTGGAAAGAAAAATAAAGCCTTGTGGGCAACTTGC  
>GBEQ1861 |Acc|BM735065|Ver|BM735065.1 GI:19056398|MONO1\_23\_C07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:65:Stop:570  
TTGGATGGGCATTAACTCTTCAGGCATAATTAATGCAGCCAGAGCCAAGAGGGTGTATTTATTAATGAT  
GTCTCGAGCATCTGTCAATGAAAGCTCACTGCGTGGAAATACTGGAAACCCACTTAATTTGCAGGAAAG  
ATGCTTTGCTCGCTTCTCTCAGAGGCTTGGGACTGCAGGAGGTACGCTGCAGAAGCTTCTTTTATTGT  
ACTTGGGTTCTGCCTGTTTTTTGAAGTCTAATTTATAACTGCTGTAGCAGAAGAAAAATTTCTACAAA  
GTGTCTTGGAAATTAACAGACCCAACCATCATCTGATGACTTTATTTCTTATCCCATTCATGTAAAAGTT  
AATAATCAAAATTTTGTGTTGTTTAGATTCAAAATCTTTGGTAAAGTCACATGTTAAGGATGACTGAAATA  
ATTCCAAGGAGCTGTTTAGATTCTAGAGAAATGCGTTTCACTAGTATGATATAAACTGTACAATAAA  
GTGGAAATTTCAATCC  
>GBEQ1862 |Acc|BM735064|Ver|BM735064.1 GI:19056397|MONO1\_23\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:645  
GTGGGAATATTCTTAAACAAAGGAAAAACGAAATATGTTTTCTTGTAATAACGACATTGAATTTTTCTG  
GCAGGCCCTTGGTCTTAGGCGAGATGACACATTTTCTGTTACAATGCTTGGTCATTGCATTGAGATGTAC  
ATTGGTGATTCTGAAGCTTATATTGGAGCAGACATTAAAGACAAGTTAAAATGCTATGACTTTGATGTGC  
ATACGATGAAGACACTGAGAAACATTTATTCACCTCCCTGGGATTTTCAGGGAATTTGAAGTAGAGAAACA  
GACTGCGGAAGAGACAGGGCTTGCACCCCTGGAAACCTCAAGGAAAAACACCAGATTCCAGACCCTCCTTG  
GAAGAAACCTTTGAAATTGAAATGAAAGTGAAAGTGACATGTTAGAGACATCTATGTCAGACCACAGTA  
CGTGATTCCAGATGGGCCCCAGTTCCTTTGTCGAGAGCAGGTCCGTGTTTCTCACAGCTTTGTCTATGT  
CTTAAGAATTTCCCATTTCTCACCTGAATTCAGACTATACCTCAGCGTTTAGGAACAGAGACCTGCCTT  
AAGAGACTGGATTGCATGCCTTTGCAACAGATGTTTTCTGATCCTACAAAATAGTTATGTGTATGGAAT  
AAAGAAGGTAARCC  
>GBEQ1863 |Acc|BM735062|Ver|BM735062.1 GI:19056395|MONO1\_23\_D09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:586  
GCACGAGGCGACTGCAGCGGTAGAAGCAGCAATTTATCTGCGCGCGGCCCAACTGGGAAGAAGATGCT  
AATTAAAGTGAAGACGCTGACCGGAAAGGAGATTGAGATTGACATTGAACCCACAGACAAGGTGGAGCGA  
ATCAAGGAGCGTGTGGAAGAGAAAGAGGGAATCCCCCACAGCAGCAGCGGCTTATCTACAGTGGTAAAC  
AGATGAATGATGAGAAGACAGCAGCTGATTACAAGATCCTAGGCGGTTTCAGTCCCTCCATCTGGTGTGGC  
TCTGAGAGGAGGCGGTGGTCTTAGGCAGTGATGGACCCCTCCCTCCATTTTACCTCCTTACCCTGTGCTC  
GTAATGAGGCATCATATATCTCTCACTTTCTGGGACACCAGAGCCACTGCCCCGTCTCATGGATGCCCA  
GTCTTGTGTGTCTACTGGTGGGAGACTGTGAGGGCCCCAGGATGCAGTGTTTCTGGCCCCAAGGGCCCTT  
GCTGGCTACTGGGTTTTAGTTTGCAGTCTGCGTGCTTCCCTCTGTTATGGCTATGTCCCTGATTGTCAA  
TAAATTTTTCTGCTCTTGGAAATCT  
>GBEQ1864 |Acc|BM735057|Ver|BM735057.1 GI:19056390|MONO1\_23\_D04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:15:Stop:610  
AGTGCTTGACAGACCGTGCAGGGGATTCACCTTCAAGAATCCAGAGCGTGAAGGTGACGCCGGCGGGCTC  
CCACTGCGCCAAACCGAAGTCATAGCCACTCTCAAGAATGGACAGGAAGTTTGTCTCAACCCTGAAGCC  
CCCATGGTTAAGAAAAATGATCGAAAAAGATGCTAAACAAGGGCAGCTCCGACTGACCAAGGAAGAAGCTG  
ATCAGTGGCTGTAGCTGAAGTAGGCCCTGCCCTTACAGGAATCAAAGCAATTAGACAGTGAGGTCAATGT  
CAGGGTGGGGGAATATGTGTGTACGCTCTATTTTTCTAACTTTTTAAAGGAATGTCAGTTATTCTTTATG  
AAATGATTTTATAGTATGAGAAGTGATTTTATAGTAGTATAGAAGTGAGAAGTGGTCAACACTTCTCATG  
CTGAAGCTTTCAGAACCAATGTCTAAATATCCTTTGGACATTTTCATGTCTTCTTGTAAAGGCATAAT  
GCCTTGTCTTCTGTTAATTATGCAATGTTTCTTTATGTCTTAGAACACAGAGCTTTAAATATTTATTGAT  
GTTTTTGCAAAAATAAACATTAATAAAGTATTTT  
>GBEQ1865 |Acc|BM735054|Ver|BM735054.1 GI:19056387|MONO1\_23\_E06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:135:Stop:636  
TGGGGTCTTGGCTGGGGACACTGAATGGCTTCAACCTACTGGGTGCGCTGCCGCGGCCCTGACCGTTTC  
CCCACTCGCAGCCAAGGCTACTGCAGCTGTGGTTGGAGGAGCCCTGACCGTGGGGGCTGTCCCCGTGGTG

863



>GBEQ1871 |Acc|BM735011|Ver|BM735011.1 GI:19056344|MONO1\_15\_A03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:602  
GCACGAGGAAAAAGGCTTGAATTGCTGTGTTGAAAACATCTTCCGAGACTGGCTCGAGAGTTCTGGAATA  
CCACAGGTCGCGAAATGGATTTCGAGTGAACCGGAGACCCGAAAACGAAAACGAAGGGAGACCGAAGAAG  
TGTTTTGAGAAGCTTCTTCCAGACCAGCTGGTCTGGCTTCTGGAGTGTCTCTTGGAGCAGAAGACCCCTGAA  
GCCCCGAACCTCTGCAAAGCCTCGAGAGGACGTACCACCTCCCTGAGCAGGATGCAGAGGTCCGCCATCGG  
TGGTGTGAACCTCGTTGTTAAGCACAGATACACAAAAGCATACAAAGATGTGGAAAGATTCTTTCAGGAGG  
ATCAGGAAAGATCAGCCAGATTCTCTTTCATACATCTACTCCTGGCCCTGGTGGGCCCAGGATCCGTT  
GACCCTGGACATCAAAGGAAGGATTATGGGGCTGCTGAGGCCATCAGCCGACAGCAGGGGCCACGTCCTTG  
GTGCTTCTCTTTCCAGGGGCTGTTCCAGCAGAGCTCAGGAGAAAGGCGCCTCCTCTCGTCCATGGCCTC  
CGGCCCCGGGATGCCGAGTGCGGGCTGTGGCTCTTCTGTGGG  
>GBEQ1872 |Acc|BM735002|Ver|BM735002.1 GI:19056335|MONO1\_15\_B04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:296  
GCACGAGGTGGGAAGGAAGCTGGGCTGAAGGAGCAGCCACCATGTCTCTGTTTCAGCCAAGTGTACGAGT  
AGGCTGCCCTGCCAAGAGGGGCCCTCTCTGCTGCCGACTGCTGCCTGCTGGCTGACGCACTGCCTCCCAGC  
CTTCTGCTGGGCCCCCTCCTCCCCTCCGTGCTTGTAAACCAGCCCTGGGGCCTGGGACTCCACCAAACGG  
GGCTGGCCCTTGAGGGTTCGTGAGGGGTGTCCGACCAGGGCCAGGGCTGGGCCATGCACCCAATGGGTGC  
GCAATAAATACAGGCC  
>GBEQ1873 |Acc|BM735001|Ver|BM735001.1 GI:19056334|MONO1\_15\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:572  
GCACGAGCTAAGTACGCACGGCCGGTACAGTGAAACTGCGAATGGCTCATTAAATCAGTTATGGTTCCTT  
TGGTCTGCTCGCTCCTCTCTACTTGGATAACTGTGGTAATTCTAGAGCTAATACATGCCGACGGGCGCTG  
ACCCCTTTCGCGGGGGGGATGCGTGCAATTTATCAGATCAAACCAACCCGGTCAAGCTCCTCCCGGCCCC  
GGCCGGGGGGGCGGGCGCGGCGGCTTTGGTGACTCTAGATAACCTCGGGCCGATCGCACGCCCCCGTGG  
CGGCGACGACCCATTCGAACGTCTGCCCTATCAACTTTCGATGGTAGTCTGCTGTGCCATCCATGGTGACC  
ACGGGTGACGGGAATCAGGGTTCGATTCCGGAGGGGAGCCTGAGAAACGGCTACCACATCCAAGGAAG  
ACGGGTGACGGCGCAATATCCCACTCCCGACCCGGGAGGTAGTGACGAAAAATAACAATACAGGACTCT  
TTCGAGGCCCTGTAATTGGAATGAGTCCACTCCTGAGTGTCTCGCCCTTGTGTTGCTCATTGGTATAAAT  
AAACTTCCTCTG  
>GBEQ1874 |Acc|BM734996|Ver|BM734996.1 GI:19056329|MONO1\_15\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:39:Stop:507  
TTGCTAACACAGGGAACAGACTGGCTGAGGGACAAGAAGCGACTTGCCCTAAAGCCACGCAGCAGGTACGCA  
GCAGAACCAAGGAAGGCGCTGGCAGGTCTGCTGACCCCTGGTCCAGGGCATAACCACATATCACACGTGGC  
CTTGTACAGACCCAGTCTGAGCAGAGAACTGACGCCCCCACAACATGATCTGCACGGGCCACCGTGG  
GGACGCTGCGGCCCTTGGGGGACAGGCGAGTCCCTGGGCTGGCGCCTGTGGGCTGGAGGGCACCGGGC  
CGCATGCAGGGAGCCCCGAGCTCTGCCCTGCAGCCTGTAACCATTCAGCGCAGCCTTGACGGCTCGGGC  
TCTGCTTAGTGATCACGGTGGGTGGGGCTGACCTCAGCTTCCAGGGGAGTGTCACTGTGGACGCCAAAA  
TGGCATAACTGAGTTAAGGTGATCAAGTGACAAATAAAGCCAATGTTTC  
>GBEQ1875 |Acc|BM734995|Ver|BM734995.1 GI:19056328|MONO1\_15\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:120:Stop:642  
CTTTCTCCTACCGTTCTCGGACTTAGATTCAGCCTCCGTAGACTCGGATATGTACGATCTGCCCAAGAA  
GGAGGACGCTTTACTTTACCAGAGCAAGGGCTATAATGATGACTACTATGAGSAGAGTTACTTGACCACC  
AGGACTTACGGGGAGCCTGAGTCTGTGGGCACGTCCAAGGGCTTCCGCCAGCCCTCACCTTCACTCTCAG  
ACGCTGATACCTTTACCACCAGATGCGTGATGACAGTCTTTTCTTCTTGAAGAGGAGGGTAAAGATAG  
GGAGGACGCCGGCTCAGGCCCTGCGCGCCGTGGTGGGCCCTGGGCAGGCCTTCTCTGAAAGCCTCCTGGTC  
CTGCTTGGCTCTGACCCTTAGGACCCAAGAGGGCAAGACCCCTTCTCCTGGAGAGGAGAACGTGGTTGTTG  
TCATTGATGCCTCCTGTTGCTGCTTGTGACCTGTGGGGGGGATTAACCAAAGGCCACCTGACTTTGTTT  
TCATGGACACACAATAAAAAGACCATTTTTTTT  
>GBEQ1876 |Acc|BM734988|Ver|BM734988.1 GI:19056321|MONO1\_15\_C09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:654  
GGGAATAAAAGGGATAATTGGTTCCAGTCACAGGTGATGTTATTTGTGGGTACTTTAAGGTTTGGAGGACT  
TACAAGGCTGTAGTAGAAATGGATATCCCGTGGATATTACATGTTGAACCATGTATATCTATGGAATACT  
CAGTCTCAGTGTGCACACTTTTGGCTACAGCTGCAGAAGTGTTCCTTTAATCGTGACCCAATTTACTCTG  
GATAAGGGCAGAAACGGTTACATTCCATTATTTGTAAAGTTACCTGCTGTTTGCCTTTCATTATTTTTCG  
TACACTCATTTTATTTTATTTTAAATGTTTATAGGCAACCTAAGAACAAATGTACAAGTAAGATGCAGTA  
AAAATGAATTGCTTGATATCCATTACTTTCATGTATATCGAGCACAAACAGTAAACAAAAAACCATGTAT  
TTAACTTTTTTTTAGTTTTTTTTTGTGATTTTTTTTTTTTTTTTGTATACTTGCCCTAACATGCATGTGC

TGTAATAATAGTTAAACAGGGAAATAACTTGAGATGATGGCTAGCTTTGTTTAAATGTCTTATGAAATTTTC  
ATGAACAATCCAAGCATTAATTGTTAAGAACACGTGTATTAAAGTTCATGTAAGTGAATAAAAAGTTTTATG  
AATGGACTTTTCANCT

>GBEQ1877 |Acc|BM734975|Ver|BM734975.1 GI:19056308|MONO1\_15\_D10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:54:Stop:630  
TGAGAAAGTCCTTGCTGGAAAATCGAAAATTGAGGACTACTTCCAGAATTTGCTCGCTACACTACTCCT  
GAGGATGCTACTCCCAGCCGGAGAGAGGACCCACGCGTGACCCGGGCCAAGTACTTCATCCGTGACGAAT  
TTCTGAGAATCAGCCCCGCTAGTGGGGACGGGCGCCACTACTGCTACCCCACTTCACCTGCGCTGTGGT  
CACCGAGAACATCCGCCGGGTGTTCAACGACTGCCGGGACATCATCCAGCGCATGCACCTCCGTGAGTAT  
GAGCTGCTCTAAGAAGGGAACGCCAGTTTAATTAAAGCCTTAAGCACAAATTAATTAAGTGAACGTA  
ATTGTTACGCGAGTTAAACACCCACCATAGGGCATGATTAAACAAAGCCACCTTTCCCTTCCCCCTTGAGT  
GATTTGGCGAAACCCCTGCTCCCTTCAGCTTGGTTAAATATATCCAAATTTAGAAAGCTTAAGGCGGC  
CTACAGAAAAGAAACAGGCCACAAAAGTTCCCTCTCTCTTTTCAGTAAGTAACATAACAGCAGCAACAG  
AAATAAAGAAATAAATG

>GBEQ1878 |Acc|BM734972|Ver|BM734972.1 GI:19056305|MONO1\_15\_E07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:659  
TCCAGGGAGAGAAAAGCATCTACACTTTTTCATTTTCCAAAAGAGAAAAAATGACAAAGGTG  
AACTTATATACAAATATTACCTCATTTGTTGTGTGACTGAGTAAAGAATTTTGGATCAAACAGAAAGA  
GTTTAAAGTGTCTAACAAACTTAAAGCTACTGTAGTACCTAAAAAAGCAATGTTGTACATGAT  
AAAAATTCCTTGCAGAAAAGTATTCAGTAAGGAAATAGCATTGAAATGTTAAATACATTTCTGAAAG  
TTATGTTTTTCTATCATCTTGTATGCCATTGCTTTATTTTTATAAATTATTTTCTCATTGCCATTGGAA  
TAGATATCTCAGATTGTGTAGATATGCTATTTAAATAATTTATCAGGAAATACTGCCTGTAGAGTTAGTA  
TTTCTAATTTTATAAAATGTTTGCACACTGAATTGAAGAATTGTTGGTTTCTTTTTGTTTTGATTGT  
TTTTTGCTTGTTACCCACCCCCCGTTTTACTATTTGCCAATACCTTTTCTAGGAATGTGCTTTTTGT  
GTACACATTTTTATCCATTTTACATTTCTAAAGCAGTGTAAGTTGTATATTACTGTTTCTATGTACAAGG  
AACAAACAATAATCATATGGAAATTTAT

>GBEQ1879 |Acc|BM734969|Ver|BM734969.1 GI:19056302|MONO1\_15\_F06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:416  
GCACGAGTTTCAGAGCCTTGATACAAAGCATGCTTGAAAAATGTGATCGGTTTCTCTGGTCTCAGCAGGC  
CTAGTGGAAGAACATTGAGCAGGATGTGATGACGTTTTGAGAAAACTGAATCATGCTCCTGAACCTTCT  
GAACGCATTTTGTCAATTGATGGAAGGCACTACTTGACAACCTGCCACCTTATGGGAGTGCTTGTGTCAT  
TGCTGTGTCACCTCGACATTGCTGGCTCTATCTGTGACTGCAAGTGTCTCAACCAGAGTTGAATTTTGAA  
AGACATCAGCCCTTGTCTGCTGAAGTGAAGTGTCCAGAATCAGAAATGTAATGTTTACAGCTATATAGT  
CCTTATTCCTTTTTTTTTTTTTTTTGGAGATTGGCAGCAGATGCAGCTCAGGCTAATCTTCCTC

>GBEQ1880 |Acc|BM734962|Ver|BM734962.1 GI:19056295|MONO1\_15\_G03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:37:Stop:532  
AACAGAATTTTTCATTTGAATCTGTCTGCACCATTTATTAGTCAGTTCTTCAAAGAATCATTTGATGAAAG  
TTATGCCCTTATGTTGACATACTTTTGGAAATGAGACGGAAGCTGCCACTTTTGCTAGAGAGCAAGGCTT  
TGAGACTGAAGACATTAAAGAGATAGCCAGAAAGACACAGGCTCTGCCAAAGGTGAACTCGAAGAGGCAG  
CGAATCGTGATTTTACCCAAGGGAGAGATGACACCATAATGGCTACAGGAAGTGAAGTCACGGCTTTTC  
CTGTCTTGGATCAAACCCAGAAAGAAATGTTGATACCAATGGAGCTGGAGATGCATTTGTTGGAGGTTT  
TCTGTCTCAACTGGTCTCTGACAAGCCCCCTGACTGAATGCATTGCTGCTGGCCACTATGCAGCAAGTGTC  
ATAATTAGACGGACTGGATGCACCTTTCTGAGAAACACAGACTTCCACTGATGGAAGCAAGAAACCCA  
AGCCNC

>GBEQ1881 |Acc|BM734952|Ver|BM734952.1 GI:19056285|MONO1\_15\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:649  
AATTGACTCCAGCTCTCCAGAGGTGAAAGGCTATTGGGCAAGTTTGGATGCATCTACTCAAACCAACCCAT  
GAACTCACCATTCCAAATAACTTAATTGGCTGCATAATCGGGCGCCAAGGCGCCAACATTAATGAGATCC  
GCCAGATGTCCGGGGCCAGATCAAATTTGCCAATCCAGTGAAGGCTCTTCTGGTAGGCAGGTACTAT  
CACTGGCTCTGCTGCCAGTATTAGTCTGGCCCAATATCTAATCAATGCCAGGCTTTCTTCTGAGAAGGGC  
ATGGGCTGCAGCTAGAACAGTGTAGGTTCACTCATTAACGCCTTTCTGCTGTTTTCCATGATCCAAGTGT  
GTAATTTCTGGTCAGTGATTCCAGGTTTTAAATAAATTTGTAAGTGTTCAGTTTCTACACAACCTTTATCAT  
CCGCTAAGAATTTAAAAATCACATTCTCTGTTTCAGCTGTTAATGCTGGGATCCATATTTAGTTTATAA  
GCTTTTCCCTGTTTTTAGTTTTGTTTTGGGTTTTTGGCTCATGAATTTATTTCTGTTTGTGCGATAAGA  
AATGTAAGAGTGAATGTTAATAAATTTAGTTTATGTTCTGTAATGTGAGGAATTTAAAAAATTAAGAA  
TGGATTGGTT

>GBEQ1882 |Acc|BM734948|Ver|BM734948.1 GI:19056281|MONO1\_15\_H11.g1\_A005 Monocytes (MONO1)



Equus caballus cDNA, mRNA sequence.:Start:14:Stop:540

CAAATTTGGGATCTGGTATTTTACTTTTGAAGTCTGTAAATTGTGTTAGTCATAGATTTGGTCTCCTGTT  
GCATTCCTGGATGTAGGAAGAATTATTTAAGGGTACAACCTGTGAGGGTTATTGTACAAGAGATCTCCTT  
TGTGATGAAGGAAGAGTGTCTCAGAGTAAGGTTATATTATCTCACTTTATGCTTGACTTTAGTCTCTAT  
GCTTTAATTTTGTGTGTAAGGAACCTCTCTTGGTTTGGTCATATTATTTACAACGGTCATTTGTTTTTC  
AAGGTCAAGACTACGGGCAAGTTGTTACTAGTGTGTAGCCTGTTGGTACTTATAGTACCAGTGTCTCTGG  
AACACAGCATAATGTTTTGGAGTATTGTACATGCGTCGTTGTGTTTTAATATGGGACGATTTATTTGAG  
CAATAATACCTTGATCTTCTATGATTTCTTTCTATAGAATTGTACTTATTCCCAAGAATACAGTTCTCT  
TTATGTATACACAGCATCTAAAACCAATAAACATTTG

>GBEQ1883 |Acc|BM734946|Ver|BM734946.1 GI:19056279|MONO1\_14\_A01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:34:Stop:597

GCTCGCACAAAGAGGGCGCCGCCCCAGAAAGGACAAAGGCAGCAAGGCTAAGAAGGTAGCGGCGCGCTGG  
GGGCAAGAAGGTGAAGAAGGCGGCCAAGCCAGTGTCCCCAAGTGCCCAAGGGCCCAAGTGAGCGCGC  
CAGCCTGGGCTCCCCGGTGTGTTGTTTTCTACTCCAGCGTATGTAGGTTTTGTACGTTTACTGCGGCC  
CGGGCCGCGCGCTGCTGTGAGCCGCGGGCAGGGGCCCTCGGGCCTGCTCCATCCCTTCTCCAGTCCCA  
TCCCCCGCGGATGTAGCCTTTTTTTGTTGTTTGTCTTTAGATTTTGAACGGCCCTGGCGGCGCCCCCTAT  
TGGCTCTCGCCCTTGGCAACGGGTGTTGCTATGTTTACCAGCCCTAGCGGCCAATGGCCATGGCCGCGC  
CTGCCATCCGGGCGCTCTTTCCAGCTCCCCACCCTCCCTGCTTTCGGGTGAGCGACAAGCAATCGCTC  
GTGGTGCAGCGCTGCCCCGGCTTGTCTCCATTCCGTCGGCCTTTTGGGGGTACATAAATGTTTTAAC  
CCTT

>GBEQ1884 |Acc|BM734942|Ver|BM734942.1 GI:19056275|MONO1\_14\_A04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:484

GCACGAGCTGAGTAGAAGGAGCATATTCTCAGGAGAATGGAACCTGCCCCACACACCAACATAAGGCC  
ACTGGGAATATCTGCACCTGCAAAACCAGCCAGCCTTCTAGGGAGAGAGCGGGCCTCCTCATCTCCTTCA  
TCATGAACCTGGCAGATGATAATCTCCGGGCTTATCGTAGTGGTGCTTAAATTTGTTGGAATGACCTTATT  
TCTGCTTTATTTCCACAGATTTTTGCCAAAAGTAATGTCGGCTTCATTCCCACAGAGAACTACAGAACA  
GTTGTGAGCAGCTAATTTGGTAAGTGGTCTTTGACCACAAACGACAAATAAATGAGCCACTGAGGAGAA  
GTCTGACCAGCCTCTGAAACCACTGAAGCTGCCTGCTCAGACAACCAAGTGTTCAGGAAAAATGAGGCC  
TCTTGGAGGCCATGAATTTCCCTATTATATTTAAAGAAATAAATGTACTCTTCTTTGCCCTT

>GBEQ1885 |Acc|BM734940|Ver|BM734940.1 GI:19056273|MONO1\_14\_A10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:575

CACNCCCCGGCCACCACCAACAGCACAAATCCCAGCCCTCAAGGCAGCCACTCGGCTATCGGCTTGTCCG  
GCCTGAACCCACAGCAGGGCCCTGGCCCTGTTGGAACCTCTGCCTCTTACCAGCCTTGATGGCAGCGGGA  
ACCTGGTGTCTGGGGCGGGCAGCGCGCCCGGGGAGCCCGGCTGGTGACCTCGCCACTTTTCTTGAA  
TCACGCTGGGCTGCCCCCTCTCAGTGCCTCGCTGGGCTGGGCTGGTCTCGGCAGCCGCTGCAGCTGTG  
GCGGCTTCCATCTCCAGCAAGTCTCCTGGCCTCTCCTCGTCTCTCTCTCTCTCTCTCTCTCTCTCTCA  
CCTGCAGCGAGGTGGCAGCACAGACCCCTGGAGGCCCTGGGGGGCCCGAGGCAGGGTCCAAGTCCGAGTG  
AGGGCCCACCATGCCTCCCCTCCTACTCCTCTGACCCCCACCTCGGTACCCCGCCTGGAAAGAGGGCGAG  
GAAGCCAGCGGTGGGGGTGCAGAGGGTCTTGGAGCAGGAGAGACAAGGGAGGAAAGACCAAAAAAAC  
CAACC

>GBEQ1886 |Acc|BM734936|Ver|BM734936.1 GI:19056269|MONO1\_14\_A12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:499

GCACGAGTAAGCCCTCTCAGCTGAGGCAAGCGAGCCTCGAATTAACCGTCTGGGACCAGGCCATCTTTG  
GTGCGAACGACCGCTTGCTGGGAGGAGCCAGGCTCGGGGCCAAGGAAGATCCAGCTGGCGGTGCTGACGC  
ATGCTCAGAGTCAAAGCTTCAATGGCAGAAAGTTCTTTCCAGCCCCAATTTATGGACAGACATGACACTC  
ATCCTGCACTGACGCGGAAGTTCCAGTTTGAGTGGGTGTTTCAAGGGCTGCGTGCCTGAAGGTGGGCTG  
AAGGACTGGGTGTGGACGACGGCTGGAAAAGGCCCTCTGCAGTGTAAACACTGTCCATCTAGTTGTAT  
GTAGCTAAAACGTTCTTCTTTATCCCTCTGTGTATAGTTAAGTTAAACAGAGCAATTATTATGTTATATA  
AGTAAGACTCAGGTGGTTTACCTGTGCTTTGAGAGATGTGGAAAATGGCCAGATTTCAATAAACGTTCAA  
GTTACTTTT

>GBEQ1887 |Acc|BM734933|Ver|BM734933.1 GI:19056266|MONO1\_14\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:507

GCACGAGGTGGGACATTTCTCGGCCACGCCAGCCCCAGCAGGAAGGTGGGTCCACGCCAGCCCCCAGC  
AGGAAGGTGGGTCCAAATCCAGCACCATGACGGAAGTGGAGACGCCATGAGCATGATCATCGACGCTCTT  
TGCCCGGTACTCGGGTGGCAGGGGAGCAAGCAGAGCCTGACCAAGGGGGAGCTGAGACGCTCATGGAG  
AAGGAGCTCCCGGGCTTCTGTCAGACCGGAAGGAACAAGGGTGCCGTGGACAACTGCTCAAGGACCTGG  
ACGCCAACGGAGACGCCGAGGTGGACTTCAGCGAGTTTCATCGTGTGTTGTGGCCGCGCTCACGTCTACCTG

CCACAAGTACTTCCAGCAGGGGGGCGCCAAGTGAGGCCCCGAGCCCCAGGTGCCTGCAGGGGGCCGGGTG  
GGCCCCCTGGCGTCCAGAAAGCTCTTGTGGCAGTCGTTTCCCTGGGCGGAGCCGGCTGATGGCCCTCTGA  
TTAATAAAATGCTTGTG

>GBEQ1888 |Acc|BM734932|Ver|BM734932.1 GI:19056265|MONO1\_14\_B09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:650  
TCTAAGTTCTGTTGAGTTCCTCAAACTCTTCCAACGCGAGGGTCTCACACTGTGAACCACTGAGGATGTG  
ATCACTTCAAGTGGCTGGGAATGTCGACTGTCTTTGGTTCCTTCATTTCAAAAAGTATCTATTTGAAAAT  
CCTCAGAGTTGTGCGTATCTCTGACAGTGCAGGATCTGTGCATAAACTTTCTTTTCTATGCGATTCCGCC  
AAGAGCCGGTGTCCAGGCACGCTCTTGGTAGCACACATTTTTCCTTGCTTAGAAAATTGTTCTCGTCA  
TTCTTTTCCGCTCTGTGAGCACTAAATGAGTTAGGCCCTCAAGGAAGACAGCACTCCCTGAAATGCCTG  
TCTTTTTCCTGTTGCCGAAATAGCTGGTCTTTTTCGGGAATTAGATGTATGGTGTGTGTATGTAAACA  
TTTCTGTAGGTGTCACCATGGACAAAGATGTATTTTCTATTTATTTATTATATATGCACCTGGAGAAGT  
CATCGTCAGAGAAACGGAGCATTCTCTCAATGTCTATGTCTGGGGATGTCCTTTGGGTACGTCGAAGGCAT  
CTGCCCTGAGGCTGCTGCCTGCGGCGGGGATAACTGGCTCTGATCTGGAATCTTGCCGTATCATAGTA  
AACATACAAAGAATTCTCTC

>GBEQ1889 |Acc|BM734929|Ver|BM734929.1 GI:19056262|MONO1\_14\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:615  
GCATCGAACAGAAAACGGAGAGGAACGAGAAGAAGCAGCAGATGGGCAGGGAGTACCGCGAGAAGATAGA  
GGCGGAACCTGCAGATATCTGCAATGATGTTCTGGAGCTGTGGACAAATATCTTATCCCAATGCTACA  
CAACCAGAAAGTAAGGTGTTCTACTTGAAAATGAAAGGAGATTACTTTAGATATCTTTCTGAGGTGGCAT  
CTGGAGACAATAACAAACCACCTGTGTCGAACCTCCAGCAGGCTTACCAGGAAGCGTTTGAAATTAGTAA  
GAAAGAAATGCAGCCACACACCCGATTTCGACTCGGCCTGGCACTCAATTTCTCGGTCTTTTACTATGAG  
ATTCTAAACTCTCCTGAAAAGGCTTGCAGCCTGGCGAAAACGGCATTGATGAAGCGATTGCTGAATTGG  
ATACACTGAATGAAGAGTCTTACAAAGACAGCACCCCTGATCATGCAGTTGCTTAGGGACAATCTCACTCT  
GTGGACGTCGGAAAACAGGGAGATGAAGGAGATGCTGGGGAAGGAGAGAATAATATCTTTCTGCTGCTTC  
GTGATCTGTTCACTGTCTACTCTGTACCCTCCACAATATATCCCTTTGTGCG

>GBEQ1890 |Acc|BM734926|Ver|BM734926.1 GI:19056259|MONO1\_14\_B12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:430  
GCACGAGGCCCTTTGTGCCCCGCCGACATCAGTTCTTCTCTCAGTGGTTGGCTGCCCTACTGGGGGAC  
CAGTCATAAAGGAGGATTGTGACTTCTCCAGGTGTCTCTAAGGACTACAGTGCCCTGGAGAGTCGTAA  
TCACCCCACTTGGAAATGGCATCTTGCATGTCTGAAAAGGGCTCCATTTGGCTCCAACCCACCCCTTCC  
ACCCAAGTGATGCAACTTCACTTCTCGAGCATACTCTCCAGCGAACGCAAGAACGCTCTCTCTCCAAAG  
GATGCACCTTTCTCCAGCTGCTTGTTCCTTAAAGCCAGTACACAGAATTAAAGGGGGAAGATGGCAA  
ACATTTTCTGGGACCTGTCCAATATATGATTCTTTGACATTTTTTATTTGGTTATAAAACAATAAAGG  
GTAAACTTT

>GBEQ1891 |Acc|BM734924|Ver|BM734924.1 GI:19056257|MONO1\_14\_C03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:595  
TCCCCGACCAGAAACAGCTTCACTACACAGAGAAGCTGCTGCAGCACGTGGCCCTGGCCTGCAGCTGGA  
GCTCCGGGGGCTGGGCTGTGGGCCGGCGCCTGGGCAAGTGCAAGGTCTTCTGGGAGGTGGGAGGCCCC  
CTGGGCTCTGCCAGCCCTCTAGCCCGGCCGCGCTGCTGCCAGGAAGTGGCAGACTCCCATCTTCGACT  
TCAGCACCTTCTTCGAGAGCTTGTGGAGTTCCGGGCTCGCCAGCGCCAGGGCTCCCACTACACCAT  
CTACCTGGCCTTTGGGCAAGACCTGTGAGCCAGGAGACCAAGGAGAAGAGCCTGGTCTGCTGAAGCTG  
GAGCCGTGGCTGTGCCGGGCGCACCTGGAGGGTGTGACGCTGAAGGCGTGTCTCCCTGGACAGCGGCA  
GCCTAGGCCTCTGCCTGTCCAGCTCCAACAGCCTCTACAACGACCTCGAGCATTTCTTGACCACTTCTT  
CATGGAGGTGGAGCAGCCGCTAGGCCTGGGCCCCGACCCACCCCTGATCCAATAAGAAACCCGAA  
AACCTGTAAAAA

>GBEQ1892 |Acc|BM734923|Ver|BM734923.1 GI:19056256|MONO1\_14\_C07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:654  
TTTGAAGAACTCAATTTAGGTAGATGAATTTTATTGTTAGTTTAACTTGTTCAGAGTCTATAAAGTAT  
TATGATTATTGATTACCATCAGCTCTCATGAAGAAAGGGGTGTGGAGTAGCACATCCTGGTAGTGGGA  
GGCCTGTTGGTGGCTGAGCTTACCTCAGCGGGCTTGGAAACCCCTGAAAGAGGAGGTGCAGTGAATTG  
TGTAAGGAGAGGATGTCTTTGGCCAGAATTTAAAGTTAGACCTACTTTCCCAAATTTGTCACTTCTTACA  
TTGCAGATGATTTTCAGTGTGCCCAGTGATAATCCACCAAACAAGATCTTCTATAAACTCTTCAGC  
TCCTTCCATGTAACCTCCCTAAATATCTAAATGTTTCATAATTGGAGAGTCTGTGACCCAGTTACTATG  
CATCTCACAGGAAATTTGAGTGTATATACTAATAACCAAGACCATGTTTGAAGTAAAGTATGACGT  
ATATATATACATGATAATCACTCAGCATTTATATATACATGTATACTCTTAAGCAAATAATTAAGTTGA  
AAAAAGTATTAAACATATATACTTTGTACTTTGAAATATTTCTTTGTAAACCAATAGTATCAATAAA

TGGACCATTTATC  
>GBEQ1893 |Acc|BM734919|Ver|BM734919.1 GI:19056252|MON01\_14\_C08.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:573  
GCACGAGCGGCTCCGCGACGCGAGCTGCCGAGATGTTGATGCCCAAGAAGAACCGGATTGCCATTTATG  
AACTCCTTTTTCAAGGAGGGAGTGATGGTGGCCAAGAAGGACGTCCACATGCCCAAACACCCCGAGCTGGC  
AGACAAGAACGTGCCCAATCTTTCACGTCATGAAGGCCATGCAGTCTCTCAAATCCCGAGGCTACGTGAAG  
GAACAGTTTGCTTGGAGACATTTCTACTGGTACCTTACCAACGAGGGTATCCAGTATCTCCGGGATTACC  
TCCACCTGCCCCCTGCAGTCGTGGCTGCCACCTGCGCCGGAGCCGTCTGAGACCGGCAGGCCACGGCC  
CAAAGGTCTGGAGGGGAGAGCGACCCGCAAGACTCACACGAGGGGAAGCCGACAGAGACACCTACAGACGA  
AGCGCTGTGCCCCCTGGTGTGCTGACAAGAAAGCTGAGGCCGGGGCTGGGTGAGCAACTGAATTCAGTTTA  
GAGGCGGATTTGGTCGTGGACGTGGTCAGCCACCTCAGTAAAGTTGGAGATTGCTTTGTGTTGAATAAAC  
TTGTGATAGAAAG  
>GBEQ1894 |Acc|BM734918|Ver|BM734918.1 GI:19056251|MON01\_14\_C12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:663  
AAAGTAGAGTTTAATATTTCGCAAAACCAATGAAGGTGCTGATGGGCAGTGAAGAAGGATTTGTTCTGC  
ATAAGTCCAAGAGTGAAGAGCTCATGCTGACGATCAGTTATGGACCATCATTTCCGAAAGCCAGCAAAA  
CGATATAACGTCTCAGCTGGAGATCAACTTTGGAGACCTTGGCCGCCAGGACGTGGTGGCAGGGGAGGA  
CGAGGTGGCCGTGGACGTGGTGGACGTCCAACCCGTGGCAGCAGGACTGACAAGTCAAGTGCCTTCTGCTC  
CTGATGTAGACGACCCAGAGGCCCTCCGAGCTTGGCTTAACCTGGATGCCATAGAGAACCCTGCTTCCTT  
TGGGCCCTCCTCTCTGAAGTTTTCATGCTTAAAGATCCCAAACGACTAAGAAATTTAAAAAAAAGAC  
TGTCATTTCATACCATTCACACCTAAAGACTGAATTTTATCTGTTTTGAAAAATGAACCTTCTCTCGCTACAC  
AGAAGTAACAATATGGTAGTCAGTTTGTATTTAGAAATGTATTGGTAGCAGGGATGTTTTTCATATTTT  
CAGAGATTATGCATCTCTCATGAATCTTTTGTATTGCTGCTTGCAAATATGCATTTCCAAACTTGAAAT  
ATAGGTGTGAACAGTGTGTACCACTT  
>GBEQ1895 |Acc|BM734911|Ver|BM734911.1 GI:19056244|MON01\_14\_D02.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:15:Stop:612  
GGACGCGAGGAGGAATCAGGTCCAAACTAAGTCAGTGCCATAAGATGAAAGGAATTTCTAGATACTGTTT  
TATGCCTCTCAAAGTCCAAAGACTCTATGACCTGCTCTCCTGAGAGCTCAGAACTGTGCGCCCTGTGAT  
ACCTTTGCAAAAGGGTTGAAGGAAAGGAGAGAGTGAGACTGTAGGGCTTGTTTTCATTGTCTTCAGTGT  
TTTTGCTGTTTGAATAAGAAGGTTCCAGCCAGACAGGACCCAAATGAGGCTGCTTAGGGATAGTGGATAA  
CTTGCCCCGAGGGTTATTGGCCCTTGGCGGCAGAGAACAGATCCCAAACCGTGTCTTCTAGCTGGGATGTT  
GCACCTGTAAGTCCGTATCTCAGCTGCCTCCTTGTAGTTCAGTGCATCTGGCCAACCGTCTGCTGACT  
GGACAGCACTCCAGCTCCCTGCTTCAGCCGTGGTGACGCCCTCCGGAGGTATCCAGCGTTTCAGTCGAG  
GGGCGGTGTTCTGTGGCAGAACTCAACTCTGGCTGCCTGGTTGCTGTGGTTATCTCATGTCTCCTTTT  
CTGTCTTAGATGGTTTTTCATTAAACTCAGCACTTGATT  
>GBEQ1896 |Acc|BM734907|Ver|BM734907.1 GI:19056240|MON01\_14\_D07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:614  
CGAGTGCCCTTCGGCCCCACCTGCAGGAGCCTGGAGTGTGGGGGGGTGGGGATGAGTCTGTCAAGCACAATC  
GTTTCGTTGTCCCAGTGAACCAAGAAAGAGGAGGAGCCGGGCCCCAGCCCTGGCCCCGCCAGGAGACAA  
GCCGCACAAGCCGGGGCCCTGCAGCTCGCGGCACAGAGGAGGAGGCAGGAAAGGGTCTCTTCTCGCCCTG  
CAGGGGGCTGGGGCTGAGCACTGAGCGATGAGCAGTAGGTCTGCTGAGGGGGTGGGGCCATTGCTCT  
CCAAGCTTAGAGCTGTTGTAAAGATAACGTGCGGGGAGGGAGAGCCACCTGGTACTTGTACACCCTGCC  
CTTCTTTGTTCTGAAATTCCTGCTCCCCCTCTGCTTTTGGGGGAATGCAACATTTTTCTTTCTTCTTCAC  
TTTTGCATGTTTTTACTGATCGTTCAATATGCTTACCGTTCTCAGCCCTGAGCCTTGAAGAGGAGGCCCT  
CGAGCCCTCCAGTCAGACTTAGGTGCTCTGGAGATGAAACTCTTAAATGCTTTGTATATTTTCTCAGT  
TAGATCTCTTTTCAAGTGTCTGTAGAACAATAAAAATCTTTGACTTCTG  
>GBEQ1897 |Acc|BM734901|Ver|BM734901.1 GI:19056234|MON01\_14\_E08.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:645  
TTCACGCAAGTTCCGGGCGGAGGTGCGCGCGCCGAGGTGAGTACGGCATGGCCCTACTCGAAAGCTGCGT  
TTGAAAAAGAGAGCGATGTTCCCTGCAAAGCGAGGAATTCGAGGTGACCAAACAGCAGTGTCCACAG  
GCCCCGCGCCCTTCAAGTCCGAGCTCTCCAAGCTGGTGATCGTGGCCAAGGCATCGCGCAGCGAGCTGTGA  
CCGGCGCCCTGCCAAGGCGACTCTCTGCTCTGCTGGCGAGCCTGGCCCGGGGGGCTGGCGCATCCCTG  
GTTTTCTGGGGGACTGTTGTTTTCTGCCCCACGCTGCTGTCAACCTGTTTCCGAGGGGTCTCAGGGCGA  
CAGAGGCCCCGGGACGGAGTCCGCCGCGCCCGCTCTGCACCTGGAGCGTGGTCTGGGGCGGCCACTCGTC  
TTTCCACCAGGAGGGGCGCTGGGGCTGGCGGCTGTTCTGAAGCCAGCGTGCCTCCCGTGGGACCAGCGA  
GCCAGTGCCTCTGCCCTCGAGCCGACTGTCTCTCTAGATTTCCCAAGGGGACCTCCTTTCAGACCAAG  
TGGGAAGAAATGACATGTTCTTTCGTATGATAAAAAAGACGATGAAAAGCG

>GBEQ1898 |Acc|BM734900|Ver|BM734900.1 GI:19056233|MON01\_14\_E07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:102:Stop:665  
GGGCGCCAAAGTGTGGGTGTACACAGGCAAGTCGGCGCTAGGCCCCAGGCGTCTGGACAAGCTGGGCGCTGG  
GCGCGGACGTGGCCCAAATCACGGGGGCGCTCCCGCGCGGCGGCTAAGGTGCTGCTGTTTCAGCAGGCG  
GCGCTTCTGGAGGTTTCAGCTGAAGACACAGACCGTGGATCCCCGGAGTGTACAGCCCGGTGGACCAGATG  
TTCCCCGGCGTGCCCTTGGACATGCACGACGCTTCCAGTACCGAGAGAAAGCTTACTTCTCCAGGACC  
GCTTCTACTGGCGCGTGAGTTCCCGGAATGAGATGAACAGGTGGACCAAGTGGGCTACGTGAGCTTCGA  
CCTTCTGCAGTGGCCTGAGGACTAGGGCTCCCCATCTGCCTCAGCACTGCCGTGTGGGTCCCCATGGGG  
GCCATCGAGATGGAGAAGGAGCCAGTTTGCCGGTTTCAAACCTGGTGGGTCTGTTCTGGAGGACAGGGAGG  
AGGGGAGGTGGGCTGAGCCCTCTCTCCACCTTCCTTTTTTGTGGAAATGTTTTAATAAATCTGAATT  
CTCT  
>GBEQ1899 |Acc|BM734896|Ver|BM734896.1 GI:19056229|MON01\_14\_E12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:121:Stop:670  
GGACTTCTCTCCAGCGCCCTGCGGGCGGGCGGCGGCTTCTCAGTCTTCAGC  
AGAGCTTCTGTGCTGCACCTTTGTCTCGCCCTGGGGGGCGGCTGCTTTCTGCTGACGGCCCTGCACCT  
GGAGGGGGACAGGCCCCGGGCCAGCAGCCCTGCACAGTGACCCCGACACAAGGACATGGAGAGCCAA  
AGCCTGCTTTTAGTACCGGTGCCTCCACAGAGGACCCCTGAGACCCCTCACTGCAGCAAGGAGGTCCCA  
CCACCCCTGCACACCCCTCCCTCGGCCCTCCACAGTACCAGCACCTCGTCCACCTTTGGCTGTGGCT  
CAGGGACCTGGCCGAGCCGCACCTGCCACTTCTTCGCTCCAGCTAGAGAGCTGGCAGCGCCCTTGCGG  
GGGCTGGGAATTGAGCTGTACGACCCCTCCGCGGGAGGCTGGGCTGCGCTGCTCCCGGCACGAGGCC  
GCTCCAGCTTGGGGTCCCTCAGCCTGGCTGCTGGTGGCCCTGATTAAAGTGGAGCCTGTTT  
>GBEQ1900 |Acc|BM734890|Ver|BM734890.1 GI:19056223|MON01\_14\_F04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:55:Stop:592  
TTGTTTCAGTGTTCATTTTTGAAATACGTTTGTTCGATGGGGAGCTTAGGAGATGGCGTTCACAGAA  
AATATTTTAAATATATCAACAGCCCCACAGCCAAAGCCTTAAATCAAACCCACACACAACCTGAAAATTGCCT  
CCTCATCTCTCAGCGCTTTTCTTTGGAGAAGAGAAGAAAGCAGATGCGTGAGCCTCACTGAGTGGCGG  
TCAAGAGCTGATCGTCCAGCTTAGCATGACCAGGTCTAGAGCAGTTGGGTGACACCTCTGGTTCCTTTC  
TCCTCTGCTTGAGCTCTGTTTACAGAGCCAGTGTGTCAACCTTTCTTCTGACCCCGAGTGGGGCACAG  
AACTGAGGGGGTCTGCCTGGTGTGGTGTGCTTGGCATGGCTTTTTCAGTGTGTGCGGGGCTGACTGGATC  
AGACCTCTGTACAGGTGGCAATGATACTCCACAGCCCCGCGCTTCCCAAGTTGGGGGAGGGGTATAGGT  
TTAAATGCAGTTATTTGAAGGAGGAATGTTTAAATAAGGCTTTTGATTT  
>GBEQ1901 |Acc|BM734883|Ver|BM734883.1 GI:19056216|MON01\_14\_G03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:52:Stop:642  
GAAGAGTACCAGCAGCTACTGTCCCCAGGAAGCTGTGATCTTCAAGACCAAACCTGGCCAAACAGGTCTG  
TGCCGACCCCAAGCAAAAGTGGGTCCAGGATTTACGAACTACCTGGACAAGAAAACCCGAACCTCCAAAG  
CTTTAATTGCTCAGCCTGAAGTGAAGCCAAGCTAGTACCTGAGAAACAATAATTTATATTCCTATCCT  
TTCCAAGATGCACTCTGAGATTATCTTCTTATAATTTCAAGGAATGTGAGTTTGTGGAATAATGTGAAT  
TATAGTTTTTAAAGTACTGCCCTATCTTTTTTTTAAAGTATTAATATTTTAAATGTAAATGTGCCATGGATT  
GGCTGGGTTTTTAAATGTAAAGCCTGGGACACAACGTCCTCCCTCAGTCTCTGAAAACCTGCAGGCTGCTCC  
TCTCCTCTTACCTCACTGTGGCGTTACGAAGCTCCTTGACACAAGACAATGCAAAGATTTTTGGTTTGGG  
TTTTTAGGAGGTGATGTGCTTATGAAACCATAATGTTATATATAATGAATATTTTTTATTCGTATGTCT  
CTTGGGATTTACACTAAATATATGTTTTTG  
>GBEQ1902 |Acc|BM734880|Ver|BM734880.1 GI:19056213|MON01\_14\_G09.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:636  
AGTGCAATAAAAGAACTTCTTGATACAGTGAATAATGTCTTCAAGAAATATCAATACCAGAACCGCAGGG  
CACTTGAACACCAAAAGAAAGATTTGTAAAGTACTCCAAAGTTTCAGTGATACTCTGAAAACCTATTT  
TAAAGTGGCAAGGCAATAATGTGTTTATAGTGGCAACCGACTAATTCATCAAAACCACTGATACTT  
CAGACCTTCAAACCTGTGGCCTGAAAGTTGTATATGTTAAGAGATGTACTCTCAGTGGCAGTATTGAACT  
GCCTTATCTGTAAATTTTTAAAGTTTGAAGTGTATAAATATCCGTCCTCCTGAAGGGATCCAATCCAGGA  
TGTGTAATGGGATTATTGCCATCTTACACCATATTTTGTAAATGTAGCTTAATCATAATCTCACACTG  
AAGATTTTGCATCTTTTGGCTATTTATCTTTTAAAGAAATTATAAGCCAAAAGAAATTTACGCCTTAAT  
GTGTCAATATATAACATTCCTTAAAGAAATTGTAAATATTGGTGTGTTGTTTCTGACATTTTAACTTGAAA  
GCGATATGCTGCAAGATAATGTTTAAACAATATTTGGTGGCAAATATTCAATAAATAGTTTACATCTGT  
T  
>GBEQ1903 |Acc|BM734874|Ver|BM734874.1 GI:19056207|MON01\_14\_G12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:101:Stop:554  
ACATCCCAACCCCGTGGCCTGAAGATGGCTGTACCTTCATTGGCAACAGCACAGCCATCCAGGAGCTTTT

CAAGCGCATCTCAGAGCAGTTCACTGCCATGTTCCGCCGGAAGGCCTTCCTCCACTGGTACACAGGTGAG  
GGCATGGACGAGATGGAGTTCACCGAGGCTGAGAGCAACATGAACGACCTTGTCTCCGAGTACCAGCAGT  
ACCAAGATGCCCCCGCAGAAGAGGAGGAGGATTTCCGGTGAGGAGGCCGAAGAAGAGGCCTAAGGCAGAGC  
CGCATCACCTCAGCCTTTTCCGTTCCCTCAGCCTTTTTCCTCAACTGTCCCTTTCCTCTCCCTCAGAATT  
TGCGTTTTTCTGCCCTATCTTGTTTTTTCTTTTTTGGGGGGGGGGTCTAGAACAGTGCCTGGCACAT  
AATAGGCCTCCAATAAATATTGTTGTTTGTGTTG  
>GBEQ1904 |Acc|BM734873|Ver|BM734873.1 GI:19056206|MONO1\_14\_G11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:17:Stop:645  
TCTTTCTCCCGAAGTCGTGCCTCATCATCCATTACCGCATCCACACAGGAGAGAAGCCCTATGCATGCA  
GCGAGTGCAGGGAAGGCCTTTTTCCAGAAGTCACACCTCATTCTCCACCAGAGGACTCACACAGGGGAGAA  
ACCCTATGAGTGCAGTGAAGTGTGGGAAAGCCTTCTCCAGAACTCATGCCCTTATCACCACAGAGAACT  
CACATGGGAAAGAAGCCCTACGAGTGCTCTGACTGTGGGAAGACGTTCTCCAGAAAGGCCAACCTCATCA  
GACATCACCGAATTCACACCAGGGAGAACTGTATGGGTGAGGTGGGAGGAGGTCTCTTTAAGAAGTCAC  
GACACCTCTAGCAATGAACCCCTGTGGATATTCGGGATGTGGGAAACCCCTCAGCAAGAAGTCCAGTGCC  
ACTGTGGGCAGACATTCACACCAGGAGTGAATTCATCCCATTTGGAGAATTAGGAAAACTTGTCTCTT  
AAAATAATAATAGAAGGATATTAATGTTCTAGAGTGGTATATTTTTATAGGATATGCTTAATTACACG  
TGTGTCTGTATCTATTAACCTGTGGATATTGATCTTTGAAGTATGTGAATAAATTAATCATTAAAGCC  
>GBEQ1905 |Acc|BM734866|Ver|BM734866.1 GI:19056199|MONO1\_14\_H12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:499  
GCACGAGACGCAACGGAGGCAGGCCGAGCCGCTGCCGTCGCCATGACCCGCGGTAACCAGCGCGAGCTC  
GCCCCGCGAGAAGATATGAAAAAGCAGAGCGACTCGGTTAAGGGAAAGCGCCGAGATGACGGGCTTTCTG  
CTGCCGCCGCAAGCAGAGGACTCGGAGATCATGCAGCAGAAGCAGAAAAAGGCAACGAGAAGAAGGA  
GGAACCCAAGTAGCTTTGTGGCTTCGTGTCCAACCCCTCTTGCCCTTCGCTGTGTGCCTGGAGCCAGTCC  
CACCACGCTCGCCTTTTCTCCTGTAGTGTCTACAGGTCCAGCACCGATGGCATTCCTTTGCCCTGAGT  
CTGCAGCGGGTCCCTTTTGTGCTTCCTTCCCCTCAGGTAGCCTCTCTCCCCCTGGGCCACTCCTGGGGT  
GAGGGGGTTACCTTTCCCAGTGTTTTTTATTCTGTGGGGCTCACCCCAAAAGTATTAAAAGTAGCTT  
TGTAATTCC  
>GBEQ1906 |Acc|BM734862|Ver|BM734862.1 GI:19056195|MONO1\_13\_A03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:46:Stop:663  
CTTCAAAGAACATCAAGAGCTGGGGGGCTGGTGGTGACCAAGGGCCCTTCAGATAGCCCTTCCCCGGAC  
AAGAATCCTCCCCGGGACAAGGCTCAGACGACCACCTTTCTCTGCCACAAAGGCCCCAGTGACCCAAC  
CCCCACCAAGTCAACTGCCGCTGTCTCCCGCCCTGGACTTGAAGTCAACCCACACATGTGACAGACGT  
CACCAGGATCTCTGTGTTACGACATTGTCTCTGTGGCGTGCAGCTCGTGACTAAGAGCCTGGTCCCT  
ACTGCTCTGTTTGTCTGTCACACAGAAGTCATTGGATCCTAGGCCATGGACCCATGAGGATGACCTCTG  
ATCTCCATCTACATCCATCTGGCAGTTGTGCTGGAAGAAGAATGTGAGGGGACAGGAAGGAAGGGGCG  
CGACATGAGTTGGATCCGTTACAAAGGTTATTTCTGAGGCTCAGGATCTCGCCTTCCAGTCTGTGCTGAC  
TCCCCTCATTTCATGATGACCGTGGGGTGTGCTTTGCCCCCTTAAAGAGCAGACAGGCCCAACAT  
TCCTTGACCCTCCATCCCAACAGCTTAGGGTTTGATTGAATAAAATCAGAGTCC  
>GBEQ1907 |Acc|BM734857|Ver|BM734857.1 GI:19056190|MONO1\_13\_A06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:401  
GCACGAGTCAACCTGGAGCTCCACGCCTCCTATGTGTACCTGTCCATGTCTTTCTATTTTGATCGCGATG  
ATGTGGCTTTGAAGAACTTTGCCAAATATTTCTTTCTCCTCAGCCGTCGCCCATGACGACCGCTTCCCC  
TCGCAGGTGCGCCAGAACTACCACCAGGACTCGGAGGCCGCCATCAACCGTCAGATCAACATGCTGAGAA  
ACTGATGAAGCTGCAGAACCAACGAGGCGCGCGGATCTTCTTCAGGACATCAAGAAACAGACAGGAT  
GACTGGGAGAATGGGCTGAAGGCAATGGAGTGTGCATTACACTTGGAAAAAATGTGAATGAGTCACTAT  
TGGAACTGCACAACTGGCCACTGACAAAAATGACCCCACTTGTGTGATT  
>GBEQ1908 |Acc|BM734856|Ver|BM734856.1 GI:19056189|MONO1\_13\_A05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:547  
GCACGAGCTACTGGAGCGGCTTCCCTTTTTTTCACCCCTGGGAGGACGCCAACAGGAGTCCCTCCAGTTGC  
CGTGAAGTCTGCCATGACCACTGTGAGCACCCGACTTCTCTCCTCAGCCGTCGCCCATGACGACCGCTTCCCC  
CAAGATGATGGCCGAGGCAAGAAGAAGGATGGTCAGCCTGGGAGTCCCAGCAGCAGCCACCTGGCCTATG  
GCATCTTAGACGTCCACCATGGTATCTCTGCATCCTCTTGGGGATCCAGCACTTCTTACGGCCCTGGG  
GGGGCTCGTGGCAGTGCCGCTCATCTGGCCAAGGACCTGTGTCTGCAGCATGACCCCTGACCAAAAGC  
TACCTCATGCCACCATGTTCTTGTCTCTGGCATCTGTACTCTCCTGCAAGTCTTTTTCGGAGTCAGGT  
CCGCCCTAATATTTGTGAGACCCAGGGCAAGAGTACAAATGCAGACCCACACACTCCGTGTCTAAATAT  
CAGAGAGGTATAGACGAACTTACAACTCCTAAATAAAATATGTTCTGATCATCCC  
>GBEQ1909 |Acc|BM734855|Ver|BM734855.1 GI:19056188|MONO1\_13\_A09.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:29:Stop:639  
GGACCGGCGCAAGACGGACAGAGCGAAAGCATTGCGCAAGAATGTTTTATTATCAAGAGGCGGTGGA  
GCCGATGCAGGGCCGGGCTTTCCCGGCACAGGGTTCTGAGTGGGCAAAGGCGCAGAGTCCCCCTTTCCCTTC  
ACTTGCCACATCTGATTGCGTCCATCAATGACCCGGAGCATCCCCTGACGCTGGAAGAATTGAACGTCGT  
AGAGCAGGTCCGGGTTAGGTGAGTGACCCCGAGAGCACAGTGGCTGTGGCCTTCACACCCACCATTCCA  
CACTGCAGCATGGCCACTCTCATTGGGCTGTCCATCAAAGTCAAGCTTCTGCGATCCCTTCCCCAGCGTT  
TCAAGATGGACGTGCACATTACACCAGGGACCCATGCCCTCAGAGCATGCAGTCAACAGCAGCTTGCAGA  
TAAGGAGCGAGTGGCAGCAGCCCTGGAGAACACCCACCTGCTGGAGGTTGTGAATCAATGCCTGTCGGCC  
CGCTCCTGAGCCACCTTTTTGCCCCCAGCCCCATCCAGGGCTCATGGCCTTGTTTTCTGAATCACTGA  
AATGAGAAACTAACATTTTGCATTTTGTAAATAAACCCCTTAATTTATATTT  
>GBEQ1910 |Acc|BM734850|Ver|BM734850.1 GI:19056183|MONO1\_13\_B04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:474  
GCAGATCGCCCAAGACAGGAGTGCCCCCTTCCAGCAGCGCTTGGCCACCCACCCAGCCGGCATGGTG  
CTGCAGGACAGGTTCCCTCGTCAGCCAGGGCCTGGGACCCGGCAGCACGGTCGTGCTTGTGCTGCAGA  
ACTGTGACACCCCTGAGCATCTGTGAGGAACGGGAAGGGCCGAGCAGTGCCCTATGAGTCCGGCT  
GACGCAGACGGTGGCAGAGCTCAAGCAGCAGGTGTGCCTGCGGGAGAGCGTGCAGGCCGACCAGTTTTGG  
CTGACTTTTCAGGGGAAGCCCATGGACAGCAGCTCCACCTGGGGGAATACGAGCTTACAGCCGGGTGCA  
CAGTGTACATGAATTTGCGCCTGCGGGGGGGCGGGGCAGGGCCATGGGGGCCGCGTTAAAGGCCCCCAC  
CCAAGTCCCTGGCCAAAGTGTGGGTAATAAATGCCTATGCAATGCT  
>GBEQ1911 |Acc|BM734848|Ver|BM734848.1 GI:19056181|MONO1\_13\_B02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:77:Stop:681  
TGGCCCATGACTATCAGTGGATAGGCCCTCAATGACAAGATGTTTGAAGCATGACTTCCGTTGGACTGATGG  
CAGCACCTTGCAATATGAGAACTGGAGGCCCAACCAGCCAGACAGCTTTTTTCTGCTGGAGAAGATTGT  
GTCGTAATCATTTGGCAGGAGAACGGCCAGTGGAAATGATGTTCCCTGCAATTACCATCTCACCTATACTT  
GCAAGAAAGGAACAGTTGCTTGGCGCCAGCCCCAGTTGTAGAAAATGCCAAGACCTTTGGAAAGATGAA  
ACCTCGTTATGAAATCAACTCCCTGATTAGATATCACTGTAAAGATGGTTTTATTCAACGCCACCCTCCA  
ACTATCCGTTGCCCTAGGAAATGGAATGGGCTATGCCTAAAATTACCTGCATGAACCCATCTGCATACC  
AAAGGACTTATTTCTAAGAAATACTTTAAAAATTCCTCATCAGCAAAGGACAATTCAATAAATACATCAAA  
ACATGAGCACCGTTGGAGCCGGAGGTGGCAGGAGTCGAGGCGCTGATCCCTAAAATGGCAAACATGTGTT  
TTTCATCATTTTACGCCAAAGTCCTAACTTCTGTCTTTCTTCTATC  
>GBEQ1912 |Acc|BM734845|Ver|BM734845.1 GI:19056178|MONO1\_13\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:500  
GCACGAGGGTTCTTCTCTCTGTTAGGTCCTGGTGGTGTGTCGAAATGGGCAAGTTCATGAAACC  
CGGGAAGGTGGTGTGCTGCTGGCCGGACGCTACTCCGGACGCAAGCGGTTCATCGTGAAGAATATTGAT  
GATGGCACCTCAGCCGCCCCATGAGCATGCTAGTGGCTGGAATTGACCGCTATCCCCGCAAGATGA  
CAGCTGCCATGGGCAAGAAGAAATCGCCAAGAGGTCAAAGATCAAATCTTTTGTGAAGGTTTATAACTA  
CAATCACCTCATGCCCACAAGGTACTCTGTGGATATCCCCCTGGACAAAAGTGTGTCAACAAAGATGTC  
TTCAGAGACCTGCTCTTAAACGCAAGGCCCGACGAGAAGCAAGGTCAAGTTCGAGGAGAGATACAAGA  
CCGGCAAGAACAATGGTTCTTCCAGAAGCTGCGGTTTTAGATCTGGTTTGTCTCAGTCATTAAAAATAC  
AAAAATCCT  
>GBEQ1913 |Acc|BM734843|Ver|BM734843.1 GI:19056176|MONO1\_13\_C03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:531  
GCACGAGACAACATGCGGTCCAGCAGCTTCTTGATCCTGGTGGTGTTCCTCGTCCCTGGGACACTGGCGG  
CACAGGCAGCTGTGCGCAGGAGTTCTCTCTAAAGGTCAAGGTACTGACAAAGGTTCATGCTCTGGTCAAAGG  
ACGAGATCCGGTTAGAGGTCAAGATCCAGTCAAAGGGCAAGATTCAGTCAAAGCCCCAAAGTCTACGCAAA  
GTTCCCATCGTCGCTAAGCCTGGCCTCTGCCCAAGATTCTGATCCGCTGCGCCATGTTAAATCCGCCTA  
ACCGCTGTTTGAAGGACACTGAGTGCCCAAGGGGCAAGAGTGTGTGGGCTCTTGGGGCGGGTCTG  
TATGGATCCCAAGTGAGATGGAGCCTATCCTTGTGTCACCTGAGAAGTCCCCAGGGCTGCAGACCCTGGT  
CCCTGTAACACTACCTCTCTCACACTGCCATTCTTCTCTCGTTTCAGGAAGCCCCAAGCCCGGGGCTGC  
CTCCCTCATTGACTTTCCAATAAAAGACTGCTTTGTGCTCC  
>GBEQ1914 |Acc|BM734839|Ver|BM734839.1 GI:19056172|MONO1\_13\_C08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:26:Stop:621  
TTGATGACGAAGAGGATGAAGATGAAGTGAAGATGGAGAAGGGGAAGAGGACGAAGATGAAGTCAGTGG  
GGAGGAGGAAGAATTTGGACATGATGGAGAAGTTGATGACGATGAAGATGATGAGGATGAGGATGAGGAT  
GAAGAGGAGGAAGAAAGCGGAAAGTTGAAAAGAGGAAGAGAGAAGACAGATGATGAAGGAGAAGATGATT  
AAGACCCCAATAACCTGCAGAAAAGAGAACTGTTCAAGTATTGGTTGGACTGCTCATGGATTTGGTAGCT  
GTTTAATAATAATTAATAAAAAAAGGTAGCTGTGATACAAACCCAGGACACCCACCCACCCAAAGAGCCAA



AGAATAGTTCTGTGACATTCCGCCTCCCTCTGTTTAGTCCCTCTTGAAATCCACCACCAAGTTTGGGG  
ACTTCACCCCAACAAAATTATAAGCGTTGTTAGGTTTTTCGTGTCAGACTCTTGCTGTGGCGTGGATAGCT  
GTGATTGGCGAGTCAGCCGCTCTGTGGCTACCAGTTACACCGAGATTGTAACAGCATTTTTACTTTCTGTA  
CAACAAAGAAGCTTTGTAAATAAAATCTTAACATTT  
>GBEQ1915 |Acc|BM734837|Ver|BM734837.1 GI:19056170|MONO1\_13\_C06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:45:Stop:394  
AAACTAGTTGTAATGTTCAAAAGAGACTGCTTTTCATTTTCGGGGTATTTAACATTCAGAAATTCCTTC  
AGGGTTGAAAAGACCCCAAGCTGTTTAAATTGTGCAGGTAAGTGTTTTGACTTAAGTACTTTTATTGTAT  
TGCAGAAATTTTGGAAACAGTAACCTTCGTTTCCTTTATTTTCATTCGCTTTTGGCATATAGGTCAAAA  
AAGGATGGGTATGCACGTTTTTTTTTGGTTAAGGCACCACTGTTTGGTTGGTTTTCCTAAGACACATTT  
TAAAAAGAAGTTTTTAAATTTTTTGATTAAATTTTGAGGATTTTGAAGGGGTACATGATAAATTATAA  
>GBEQ1916 |Acc|BM734834|Ver|BM734834.1 GI:19056167|MONO1\_13\_C12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:575  
GCACGAGTGCTGCTGGTGTGGCTGTGGGCTCTGCTGTTGGCCACACGCTAGGTCATGCCATCACTGGGGG  
CTTCAGTGGAGGAAGTAATGCTGAGCCCTCAAGGCCTGACATCACTTACCAGGAGCCTCAGGGAACCCAG  
CCAGTGTACCAGCAGCAGGAGCAGTTTGGCCCGTGCCACTATGAAATGAAACAGTTTTGGAAATGCGCCC  
AGAACCAGAGTGACCTTAAGCTTTGTGAGGGTTTCAGCGAGGTGCTGAAACAGTGCAGATTTGCAAATGG  
ATTAGCCTAATTAAGAAGTTCAAAATTGAAGACATGGAATCATCTCTCATGACCCAGTTAATTTAGCAT  
AAAAATATAATTGATAATGAAGATACAAAGTGTGAACCATCCGTTAAATCTGTCTCTGTGATGAATCG  
TTTCCTTGCTTCAGAAATTGCAGTGGAAAGAGGATGTTCTTCTATTCAGTGAATGGGATTGAGTTTGGGGC  
AGGGCACATGTTTGTGTGGCCTCCTTTAACCAGATTCTGTGATGTTGGTATTTGTGAATTAATTAGAATA  
AAGTGATTTTCTTCC  
>GBEQ1917 |Acc|BM734832|Ver|BM734832.1 GI:19056165|MONO1\_13\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:474  
GCACGAGCGGAAGTGGAGCAGAAGAAGAGCGGACCTTCGCAAGTTCACCTACCGCGCGTGGACCTCG  
ACCAGCTGCTGGACATGTCTACGAGCAGCTGATGTCAGCTGTACAGCGCCCGGACGCGCGCGGCTCAA  
CCGCGGGTTGCGCAGGAAGCAGCACTCGCTCCTGAAGCGCCTGCGCAAGGCCAAGAAGGAGGCGCCGCC  
ATGGAGAAGCCCGAGGTGGTGAAGACGCATCTGCGCGACATGATCATCCTGCCCGAGATGGTGGGCAGCA  
TGGTGGGCGTCTACAACGGCAAGACCTTCAACCAGGTGGAGATCAAGCCCGAGATGATCGGCCACTATTT  
GGGCGAGTTCTCCATCACTACAAGCCCGTGAAGCAGCGCCGCGCCGGGATCGGCGCCACCCACTCCTCC  
CGCTTCATTTCCCTCAAGTAGCCTCGGCCAATAAAGGCACCGACTGCTCCAGGC  
>GBEQ1918 |Acc|BM734829|Ver|BM734829.1 GI:19056162|MONO1\_13\_D07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:602  
TTCTGGTTTCGTGGCCATGGGGACCACATCATCTCACTCGGGCCTTTGGCCAAAAGAGCATCAGGACCCAG  
TAGCAGGCTACATCCAGTGACTCAGGCCCTTCAGCATTCTGGCTTCCCTGGGGGGTTTGGTGTCCGTGAG  
CTTCTGGTCTGCTCCTGCATCCCTCACTGTCTGTCCCGGGCCGTGGGCCCCCTGGTCTCGTCTGTCA  
GCCTTTGCTGCAGCCCTCTCGTGATGGTGGCCATGATGGTCTATACATTGAGCGGTGGAACAGGCTC  
TAAATCCCCAGATCCAGACGTTCTTCTCCTGGTCTTCTACCTGGGCTGGGTTTCAGCCCTCTTCTGGGT  
CTGTGCAGGTGCCCTGAGCCTGGGTGCTCACTGCAGCGCCCCCTTCTGGCTACGAAGCCGTGTGAGCT  
GAGGGCGAGAATAGCAGGACGGGTTTGGAGCACTGTTCTCTGAAGGCATCGCCAGGAACCATGGGATTAC  
ACGATGCCCCCTCCAGCCCTCACCCCCAGCCCTCCCGCAGCCCCCTGCATTGTTTCTTCATCTATTCAA  
CAAAAATTGGCCG  
>GBEQ1919 |Acc|BM734828|Ver|BM734828.1 GI:19056161|MONO1\_13\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:79:Stop:583  
CCGTCACTTCGCTGCCGTCCATTGCTAACTCGTCAACTGGAGGGAGTTCAGCTTCGTGCAGTCCACCCT  
GGGCTTTGTGGCCCTGGTGTGAGCACCCCTGCACACGCTACCTACGGCTGGACCCGCGCCTTTGAGGAG  
AGCCGCTACAAGTTCTACTTGCCCTCCACCTTCACGCTCACACTGCTGGTGGCCCTGCGTCTCATCTGG  
CCAGGGGCGCTGTTCCCTCCTCGCTCAGCCGAGACTCTCAAGATCCGAGGGGCTGGGAGGAAGGA  
CGGCGCCATCAAGTTACAGCTGCCCATGGACCACACCCCTGGCCAGAAAGACCAGCCACGTGTGAGGTGCC  
TGCGCCCGGCGCCGAAACAGACGGGGCAGGACGGTGCCTGAGCCTGTGAGGGCTTCTTTCTTGTGACG  
GTGCACTGTGATGAGATTGTGCACAACTGGCGGTTTGGAGGTCCGAATTCCTGGAACGCANAATGTATGT  
AGTAATATGCAGAAA  
>GBEQ1920 |Acc|BM734825|Ver|BM734825.1 GI:19056158|MONO1\_13\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:642  
ATCACCACGAGAGTAAGGAGCGGACTTCTCCATGTTTCTGAACCTCGATGAGGTGTTTAAGATCATGG  
ACGAGCTGGCGAGCTCAGCTCCGAAGGCTGCTGGATAATGAGGGCTTTGACCTGGACCCAGATCTGCA  
GGAGCCGAGCCAGATCACCAGAGGGACCTTGAAGCCAGAGCACAGAATGAGTTCTTCCGGGCTTCTTTC

AGGTTGCCGAGGCAGGAGAAGCTGCATGCGGTTCATGGACTGTTCCCTCTGGACGCCATTCAGTCGCTGTC  
 ACACCGTTGGGCGGATGTTACCTCGGACAGTTACATCTGCTTTGCCAGCAAGGAAGATGGCTGCTGCAA  
 CGTCATTCTCCCGCTCAGAGAGGACCTCTCTGCTTGGACGGTACCCACAAGTCTGTACACCTCAAGACT  
 TCCAGATTCTTGTGTACCTGTAACATATGTTCTAAGCAGATTCTTTGGAAAAATCAAAACCTTTTCATT  
 CCTGTGATCTACCTCCACGTCATTTTTCTGCAGTAGATGACTTCAGTGTACCGATATTCTCACTTATGAG  
 TGGAGCAGGAAATCAAGAGTTGTCTATATTTATTTTGTAAATTTGTGGTAACATATAAATAATATAAC  
 ATTTACCATTTT

>GBEQ1921 |Acc|BM734817|Ver|BM734817.1 GI:19056150|MONO1\_13\_E10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:492

GCACGAGCGCCGCCGCCGCTCGCCATGTCGGGGTCCCCGGTGAAGCGGCAGAGGATGGAGAGTGC GC  
 TGGACAGCTCAAGCAGTTACACCCGTGGTGGCCGACACGGGCGACTTCCACGCCATCGACGAGTACAA  
 GCCCCAGGATGCCACCACCAACCCATCCCTGATCCTGGCTGCTGCGCAGATGCCCGCTACCAGGAGCTG  
 GTGGAGGAGGCCATCGCTATGGCAAGAAGCTGGGCGGGTCACAAGAAGAACAGATTAAAAATGCTATTG  
 ATAACTTTTTTGTGTTGTTTGGAGCAGAAATACTGAAGAAGATTCCGGGCCGCTCTCCACGGAAGTAGA  
 TGCCAGGCTCTCCTTTGACAAGGACGCCATGGTGGCCCGTGCCAAGCGCCTCATCGAGCTCTACAAGGAA  
 GCTGGGATCAGCAAGGAGCGGATTCTAATAAGCTGTCGTCAACCTGGGAAGGCATTACGGCTGGAAAGG  
 AG

>GBEQ1922 |Acc|BM734812|Ver|BM734812.1 GI:19056145|MONO1\_13\_F03.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:7:Stop:532

AGAAAGGCACCACAACCAACGCCACAGCCACCACCACCACGGCCAGCACAGCTGTTGCAGATGCCCCA  
 AAAGAGAAAGAGCAAATGGGACTCGGCCATCCCGGTGACAACGATAGCTCAGCCACCATTCTTACCACC  
 ACGGCAACCTTGCCAGCTGTCGTACAGTGACCACAGTGCCAGTGGCTCCAAGACCAGTGTATCTCTG  
 CTGTGGGCACCATTTGTGAAGAAGGCCAAGCAGTGAACCTAAGAGACTGGCTTGGGATGGCTCGGACATTCT  
 CCTTTCCATGGAGGGGAGGAGCCACTCTAAGACTTGACAAGACTGCAGCCCAATGACTGATGCCCACTGG  
 GAGGTGCCACTTTGTGTATTTAGGACTAGGACCTGCTTTCCAGATGCCACCCTGAAAGGAGCCTCTGTG  
 TGGCCTTCTAGCCAAGAGAAGGACATTGCCACAGGAGTGGGGTGTGTGGACATGTCCACACCCCGCC  
 TGGGATCTGTCGCCCTATTAAAAAGCGCCATATTCTT

>GBEQ1923 |Acc|BM734804|Ver|BM734804.1 GI:19056137|MONO1\_13\_G05.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:3:Stop:678

CAAGTGGCTGCAGGATGTGTCAACGTGCCCTTGGTCATCCAGATGACGGATGATGAGAAGTACCTGTGG  
 AAGACTTGACCCTGGACCAGGCTACGGCTATGCCGTGGAGAACGCCAAGGACATCATCGCCTGCGGCT  
 TTGACATCAAGAAGACTTTTCATCTCTGACCTTGAGTACATGGGGTCAAGTTCAGACTTCTACAGGAA  
 CGTGGTGAAGATTGAGAAGCAGTTACCTTCAACCAAGTGAAAGGCATCTTCGGTTTACCGACAGTGAC  
 TCCATCGGGAAGATCAGCTTTCCTGCCATCCAGGCGGCGCCCTCCTTCAGCAACTCCTTCCCCCAGATCT  
 TCCGGGACAGGGCGGACATCCAGTGCCTCATCCGTGCGCCATTGACCAGGATCCTTACTTCAGGATGAC  
 GAGAGACGTGCCCCCAGGATCGGCTACCCCAAACCGACCCCTGCTGCACTCGACCTTCTTCCCCGCCCTG  
 CAGGGCGCCAGACCAAGATGAGCGCCAGCGACCCCAACTCGTCCATCTTCTCACGACTCGGCCAAGC  
 AGATTAAAAACAAGGTCAACAAGCAGCCTTTTCTGGAGGCAGAGACACTGTCGAGGAGCACAGGCAGTT  
 TGGGGGCACTGCGACGTGGATGTGTCCTTCATGTACCTGCCTTTT

>GBEQ1924 |Acc|BM734800|Ver|BM734800.1 GI:19056133|MONO1\_13\_G02.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:30:Stop:550

CCTGGTTGGCAAAGACCGGTCAAGTTTTTTCGTGAATGGGCTGACACTTGGGGGCCAGAAATGTTCTGTG  
 ATCCGGGACTCACTGCTGCAGGATGGAGAATTTACCATGGATCTTCGTACCAAGAGCACCGGCGGAGCCC  
 CCACCTTCAACATCACTGTCAACATGACTGCCAAGACGCTAGTCCTGCTGATGGGCAAGAAGGTGTCCA  
 CGGTGGTATGATCAACAAGAAATGTTATGAAATGGCTCCACCTGCGGCGTTCCAGTACTGACCTCGT  
 CTGTCCCTTCCCTCCACCACTCCCACTGCTTTTTGCACCCCTTTCCTTCCCTTCCCATACACACATAC  
 ACCATTTTTATTTTTGGGGCCATTACCCCATCCCTTATTGCTGCCAAACCATGCGGTGGGGGCCG  
 GGGCTGGATGGACAGACACCTCCCTACCCATCCCTCTCTGTGTGTGGTTGGAAAACTTTTTTGTTTT  
 TTGGGTTTTTTTTCTGAATAAAAAAGATTCT

>GBEQ1925 |Acc|BM734795|Ver|BM734795.1 GI:19056128|MONO1\_13\_H03.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:3:Stop:603

TGGAGGAAATGAAGTGACTCCTCATCAAGACCTCATGTTGCTACTTAACGGAGACAAAGTCTGTGCT  
 GGGGCTTTGATTGCAGACAACCTGGGTATTGACTGCAGCTCACTGTGTCATGAACAGAAAGTCCGAAGTCA  
 TTCTTGGGGCTCACTCAAAAACCAAGAAAGAGCCAGAAAAACAGATCATGTTTGTAAAGAAAGAGTTTAT  
 CTCTCCATGCTATGACCCAGAAACACATGAGAGTGAATCTTAACTTCTACAGCTGAACAAAAAGCAACA  
 ATTAATAAAATGTGGCTATCCTTCGTCTCCCTAAAAAGGGGATGACGTGAACACAGGAACAGTGTGTC  
 GAGTTGCAGGGTGGGGGAAGTATTCCAATAGGTACCTGCATCTGATATCTTGAGAGAAGTCAATGTCAC



CGTCATAGATAGAAAAGTCTGCAATGATCCAAAGCACTACAATTTTAAACCTGTGATTGGACTGAATATG  
ATTTGTGCCGGAAACCTCCGAGGTGGAAAAGACTCGTGCAATGGAGATTCTGGAAGCCCGCTGATATGTG  
AGGGTACTTTCAGAGGTGTCCTGCTTTGGCCTTCCAG

>GBEQ1926 |Acc|BM734793|Ver|BM734793.1 GI:19056126|MONO1\_13\_H02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:386  
CTCCTCCCCCTCTTCTGGAGATGGTAATTCTTCTCATTTTGGACCTTACTATTAGGCAAATGTATACAT  
TTCCAGAGAAATGTGGACTTTTTATATTATACGGGAAGGATTTTTTTTTTAAAAGGAAAGCGGTTATGGA  
GCTAGATTTTTAAAACATTGTAAATACTAAATGACTCATTCAGTTGTAAGTTGATATATTTGTAACC  
TTTGTGAAACTGTATCCAAATGAAAATCTCACTTTAAATTCGTTTGGGTGAGATCCAATTATGTAATAT  
TAATTTAAATTTTGAATCCATGCTTTCCCATCCCTGCCCAATTTAAACACATGTAAATCTAATAATAGA  
TCTGGTGCAACTTTCATCATGGATTAAAAATATACTG

>GBEQ1927 |Acc|BM734780|Ver|BM734780.1 GI:19056113|MONO1\_12\_A02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:645  
ATTCCACTCTGTAGAGCCCTACAATAAAGGCCGCTTGTCTGCTTTGCCGTTTGTCTGACATCCTTCGAGAC  
TACAAGGTTATTATGGCTGAAAACATTCCTGAAAACCCCTCTGAAGTACCTGTATCCTGACATTTCCAAAG  
ACAAAGCCTTCGGTAAACACTACAGCTCCAGCCGTGCGAAGTTTCAAGACCAACAGAAAGAGGAGACAA  
AGGTTATGTTCTTCTGTTTTTATCCCATCTCAACAATCCGAAGCGATTCCACTGAGCCGCGAGTCTCCA  
TCAGACCTTCTTCCCATGTCTCCAAGCGTATACGCAGTGTGAGAGAAAACCTGAGTCCACGACCATCG  
AAACTGCGATGAAGCTCCCATATTCTGCCGAATGACAGGATGACCTCTTGACACTCAAAAAATGGAAGCA  
AATGGAAAACCTTTAAGGACTGATCTTTGCCAACAGTCATCTTATTCTTCATCTTTGTATATACGGATT  
TCCAGGAAACGGTTGAAGTCTGAAGCTCTGCTCTCACTGGCATGACACTCCCAATTGGGTGTGTTGTGAC  
TGAAATGTATAAACCAAGCTTCAGATAAACTTGCAAGATAAGACACTTTAAAAAATTAGTGTTAATATA  
ATATT

>GBEQ1928 |Acc|BM734777|Ver|BM734777.1 GI:19056110|MONO1\_12\_A12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:21:Stop:652  
CTGAAACGTCTGCTTTTGTCAAGTCCTACAAGAACCTGTCTTTCTACTGGATTCTCAGAGCCGGACACAT  
GGTTCGCTCTGACCAAGGGGACATGGCTCTGAAGATGATGAGGCTGGTGACTCAGCAAGAATAGGACAGA  
GTGGGCTGGAGGTGAGCTGGCTCGGCCTTGGCACGGGAGCGGAAGCGAGCACCCCTGAAGCTGTAGGAAGC  
ACCGACCTCCCCCTGGAATCCGCCCTGGACCGTGACTGTGAAGGTTCCGGTCAGCTCCACGCAGAACAAAA  
TCATTGCCTCTGTGACAGCTTGGAAATCTAGGGGTTTTTTTTTAATGGATTGTTTTTCATCAAAATGAAGG  
ATTGAAATAGATTAAACATTTTCTTATTACAAAAGCAAATTATGAGGCCGGCCCTGTGGCCGAGTGTTAA  
GTTCCGCTGCTCCGCTTCAGCGGCCAGGGTTTACCGGTTCCGATCCTGGGCAAGGACATGGCACCGCT  
CGCTCATCAGGCCATGCTGAGGCAGCATCCACATGCCACAACCTAGAAGGACCCACAACATAAAATACAC  
AATATGTACCAGGGGCTTTGGGGAGAAAAAGGAAAAATAAAATCTTTTAAAAAAGCAAATTATGTGAT  
TT

>GBEQ1929 |Acc|BM734770|Ver|BM734770.1 GI:19056103|MONO1\_12\_B01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:72:Stop:546  
GGCTATACAGCCCAGGAATATGGCGCTGGCACTTACGGGGCTAGTAGCACCACCTCAACTGGGAGAAGTT  
CACAGAGCTGTAGCCAGCAGTTTAGTGGGATAGGCCGGTCTGGGCAGCAGCCACAGCCAGTGATGTCACA  
ACAGTTTGCACAGCCTCCAGGAGCTACCAATATGATAGGTTACATGGGGCAGANNCCCTACCAATACCN  
CCTCCCCCTCCTCCCCCTCCTCCTTACGTAAATGAAACCACTCAAGTGGTAGTGACTTGTGCAAACTTA  
ACTACATTTAAAGGAGCGCTGTCTTTCCCTTTTTTTTCTCTTCCCTTCTCTTTCTTTTATTTTT  
ATTTTTTCCCCAACCAATTGTGATTGTCTTTTCATGCAGGTTAGTTAGAACTCACTGCCAGGTTTCTTCTG  
CCCACCAAAATGATCCAGTCTGTAATAACAGATTTTGTAAAAA

>GBEQ1930 |Acc|BM734766|Ver|BM734766.1 GI:19056099|MONO1\_12\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:514  
CACAGGCTTTCCCACTCGAAACTTTAACACAGCCGCTAGCAGGGGCCCAAGTAAGGACGGCCATCTGT  
CTGTCGTCTGGTCTGTCTGTTTCTTCCAAACAGACGGCAGAGAAGCGGAAACAAGCTGTTGAAGGTGACA  
CGTTTCTCTAGAACTCGGCTCCCACTGGGCACAGCCTGGAGGACCCAAAGTCTTTTCTGACTTTGCCTGCC  
CGGGCTCCCTGGCTCACCTCCGTGTTGAACGTCAGTGATGTTAGGGCTGTGTGACTTTAGAAATACAGAG  
ACGAGACAGGAAAGTTGGAGGACTTGGGACAGTCACTAAGTTGAGAGCTTCTGCCTCAGCCACGGCCT  
AGGTGCCCAGAGCAGCATTTTCAACCAATCAGTGATTTTCAAATATTTTAAAGNTAGCCTCCCCCCCC  
CCACCCATATTGCTGCTGTAAGCATAATGATTGTGTTCTTCTTCTACTGGAGCCATTGTTTTGTAAACA  
ATAAAGTGCCAGAGGGGACTGTG

>GBEQ1931 |Acc|BM734760|Ver|BM734760.1 GI:19056093|MONO1\_12\_C02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:590  
CAGTTGACAGAATAAAATCATCCATGGACAAGGTGTCCTTGATACTACTGAAACACTGCCTTCTGAT

GCTTTCCCGAGTGTGAACACCGTCCCTCAGAATGTGTGTGACTGGAGACTGAAGAGGTGGAGCCGGAGGG  
GAGGAAGCCCAGCCGCCCCAGCCTTCCCAGGGATGCGGTCCAGCGGCTCCCGGGCCCCACTCCAGGCCTT  
TCACGAGGCGCCTGCTACACCTTTACCTACTTCCCTGTCTCCAGCAGGTCTGTGCGATGCTCTGAAAAA  
CCGCAGAGCGGCTGGGTGAAGCTCTGTGTTGAGAAAGCCGTGTTGCGTTTTAAGAGGTTTTTTCGCGCG  
TCAGTTTTAAGGAACAGGAACCTTCACTGGGTGCCTGTAGCCGAAAAGAGTCTGTCCCGAGGAATTTGAAG  
CTGGGGCCTCTGAAGTCTTCAGAATGATTTTATTGGAGAGGGATGTGGGCCCCAAATGGAAACTCTTTT  
TAGAAAATCTTATATATTATTGATTGCTTTTGTATTTTATTTTACATAATGGAGAAGTCTAAAGAATAAA  
GATTTGTAAGTGAACCCGAGT  
>GBEQ1932 |Acc|BM734756|Ver|BM734756.1 GI:19056089|MONO1\_12\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:559  
GCACGAGGCGGGTTGAAGATGAATGCCAGAGGACTTGGCTCTCAGCTAAAGGACAGTATTCAGTTACTG  
AACTTTCAGCAAGTGGACCTTTTGAAGTCATGATCTTCTTCGAAAAGGTTTTTCTTCTGTGAAAAATGA  
ACTTTTGCCGAGTCACTCTTGAATTATCAGAAAAAAATTTCCAGCTCAACCAAGATAAAATGAATTT  
TTCCACGCTGAGAAACATCCAGGGTCTATTTGCTCCACTAAAATGCAATGGAATTCAGGGCCGTACAG  
CAGTTTCAGCGTCTACCGTTTCTTCCAAGCTCAAATCTTTCAGTGGATATTTTGAGGGGTAATGATGAGA  
CTATTGGATTGGAAGATATTCTTAATGACCCGGCAGAGTGAACATAATGGGAGAACACACTTGATGGT  
GGAAATATAAACTCGGTTTACTGTAACGCAGCGTGTGCCGTTTCGTGAAAAGAGTGGGGCTGTATCTTGT  
ATAGTTGTCTTTTTACTGTAATTTGATGTACACAACATTAAACGTAAGTACACATGAGAAGTTTTGCCT  
>GBEQ1933 |Acc|BM734751|Ver|BM734751.1 GI:19056084|MONO1\_12\_C07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:69:Stop:660  
TTTTGGATCCGATTTGAATTATGCTACTCGAGAAGATGCTCCAATTGGTCTCATTTGCAAAGCATGCCT  
TCAGAACAGATAAGAAATCAGCTGACAGCCATGTCTCAGTACTTGCAAAGCACTTGAAGTCATTAAGC  
AGCTCATATACTGCAAGAGAAAGAAGAACAGCATCAGTTGGCTGTTACCGCGTACCTTAAAAATCCACG  
AAAAGAGCATCAGCGCATCTCGGCTCGCCGTCAGACCATTGAGGAAAGGAAAGAGCGGCTTGAGAGTCTG  
AATATCCAGCGGGAGAAAGAAGATTGGAGCAGAGGGAAGCTGAATCCAGAAAGTACGGAAGGCTGAAG  
AAGAGAGGCTGCGACAGGAGGCAAGGAGAGAGAGAAGGAGCGTATCTTACAGGAACATGAACAAATCAA  
AAAGAAAATGTTCTCGTAGCGTTTTGGAGCAGATCAAGAAAAACGGAAGTGGGTGCCAAAGCATTCAGAGAT  
ATCGATATTGAAGACCTTGAAGAATTGGATCCAGATTTTCATCATGGCTAAACAGGTTGAACAACCTGGAGA  
AAGAAAAGAAGGAACCTTCAGGAACGCCTAAAG  
>GBEQ1934 |Acc|BM734745|Ver|BM734745.1 GI:19056078|MONO1\_12\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:122  
CAGTGGAGGAGCCACCAACAGTCCCCATTCCAGAAGATGAGAAAAAAGATAAACGTTGCCTTGTTTTAT  
GTGTTATAAATACTTTTTTAAATGAAAAAATGTTTTTTGAGTTT  
>GBEQ1935 |Acc|BM734744|Ver|BM734744.1 GI:19056077|MONO1\_12\_D04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:479  
GCACGAGGCTTCAACAGTGTGTAACGGAACCCGCGCTCGCTCCCCGCCCCGGCCGGCCACCCAGAGTC  
AGCCCTCCTCCACCTCCTCACAGCGCCCTCGGCCCGCCGCAAGGCTCCCGCCGCGCTCCAGCGCCGCCC  
CGCCGCGCCGCGCTCTCTCTCTCAGCCGTCCGCCATGTCTTTCTATTTTGATCGCGATGATGTGGCT  
TTGAAGAAGCTTTGCCAAATATTTTCTTACCAATCTCATGAGGAGAGGGAACATGCTGAGAACTGATGA  
AGCTGCAGAACCAACGAGGTGGCCGGATCTTCTTTCAGGACATCAAGAAACCAGACCAGGATGACTGGGA  
GAATGGGCTGAAGGCAATGGAGTGTGCATTACACTTGGAAAAAATGTGAATGAGTCACTATTGGAAGTGC  
CACAACTGGCCACTGACAAAAATGACCCCCACTTGTGGACTTCCTCGAGGGGGGGCCC  
>GBEQ1936 |Acc|BM734742|Ver|BM734742.1 GI:19056075|MONO1\_12\_D02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:499  
GCACGAGTGGAGACCGAGTCTTGGGTGGTTTTTGGCTGTTGATCCCACTTTAATCCAGAATGGCTACTCT  
GATCTTTGTTGATAAGGAAAAATGGAGAACCAGGCACCCGTGTGGCTCCTAAGGACGGGATGAAGCTGGGG  
TCTGGGCTTTCAAAGCCTTGGATGGGAGATCTCAAGTTTCAACACCACATGTTGGGAAACGTTTGATG  
TTCCCCCAGCCTTACCTAAAGCTGCCAGAAAGGCTTTGGGGACTGTCAACAGAGCTACAGAAAAGTCAGT  
AAAGACTAATGGACCCCTCAAACAGAAACAGACAGCTTCTCTGGCAAAAAGGTGACTGACAAGACTGTG  
AAAGCAAAAAGCTCTGTTCTGCCCCGGACGACGCTATCCAGAAATAGAAAAATCTTCCCCCTTCAATC  
CTCTAGATTTTGAAGTTTCGACCTGCCTGAAGAGCACCAGATTGCACACCTGCCCTTGAATGGAGTGCC  
TCTCATGAT  
>GBEQ1937 |Acc|BM734719|Ver|BM734719.1 GI:19056052|MONO1\_12\_F12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:28:Stop:640  
CTAGAAAGAAGTCTCTGAGACTCAAGGCTAAGGCAAGGTCTTCCAGAAAAACAAGGCTTTGACTCCA  
AGAACAGAGGTGATGGGGAGACTTCTTGGCTCGGCGGGGAAAGGAGGACGCCAATGGGTCAAACCTAAGT  
TGAATCCCTCCCTCCATCTCTCTTTTTTCCACTGTCGTGAGAGCCAAACAAGAAATGACAGCTCCAAGCCT

TCCTAAAAGCACACTTGCCCCCGCCTGCCACCTCTCCTCAGGCTGCTGCCCTCCCAGGCGCTCCACAGCG  
AAGGGGTGTGGTGTTCCTGCAGGCCAGGCCAGCTGCCCTCAGCCCCGCCAAAACCTGTGTTCCCAGCCAGC  
GCTCTGGAGCAGGGATGACGTGTGGCCAGCCCTTCTCAGGTCTCAGCTCTGCTGGGATGGGAGGAGAGGC  
CAGGGAGAAAGGTTAGGGGCCCAGGGTGGGTGACAACGCTGGCTGCTGAAAGCCCATGAGCTGCTTCTT  
TGTTCTCTGTCACGGGACAAAATCTCTCATCTATTCTGCTTTCAGTTCATTAAGAGAGCACATTTTAC  
TCATACACAAATAAAAGTTTTCCCTTGTGGAAACAACAGCTTTAAAGAAAGG  
>GBEQ1938 |Acc|BM734718|Ver|BM734718.1 GI:19056051|MONO1\_12\_F11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:477  
CTGTGGTTAGTCAATGGCTTGCAATAAATGTGCAAACTATATCCATAGGAAACATTTTGTGATTACAAA  
ATACTTTAGTTGATAGCGTATAGGATTGCTTAAATATTTGAAAGGTCTTTATTTTAAAGTGTGCTGTACA  
TAAGCATGTTTTTGGGACTTGGCCTTTTTGATGGGAGGCCCTCGGTACTCTGGATAATGAAGCTTGTGCA  
GAGTGGTGTCCGCACTCCCCACTAAACAATAATATAAAGGAAATGAAGCCATGTTAACGTGAGAGCAGT  
GTCTCCATAGTTGTGTTGTTTACAGTACTCTATAAATGGGTTCCTGTTTGCCCTGTAATTAAGTGTGCTGCC  
CTTAGAGGCCTTTCAGTTCCTTTTCTGTCATGTCCCTTTTACACAAGCTCAGATTTTAACTTGTGTTT  
TATTTTGAAGACTTTTAAATGGACATTTTCAATAAATAAGAATAACAGTGCTTT  
>GBEQ1939 |Acc|BM734713|Ver|BM734713.1 GI:19056046|MONO1\_12\_G08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:517  
TGCGTGAGGCCCCCAGCCTGAAGAAGAGCAGCCAGCACCTGAGGTCCCCAGCGTGGGCCCCGCCCTCCTC  
TTCCCTGGAGCTGCTGGCTCCCTAACTCCCGAGGCCTTCTCCCTGGACAGCTCCTTGACAGCGAAAGCAG  
CGGATGAGCAAGCAGAACTTCTGCAGGCCCATACGGGCAGGGTCTGCGGGCTGCCCGGCCCACTGATG  
ACCCCTCAGCCTTCTGGATCCACTCTGGACACTCAACAAGACCTGAACAGGCTTTGCCCTGCTTGGTCTCT  
TACACTACATCATCTCTCCCATGCCCTGTCTGCCCATGCTCAGCAGGGCCTCTCCAGGTGGGCCTGGTCT  
CTTACTCCCATTCTGCTGCTCCTTACGCCCTACCTGGCCTAGCCCGCACCCCTGTAGGGTAGGGGTGCATC  
ACAGGCCTTGTCTCAGGTCTGCTCCTTTGTGGGACCTGACATTTTTCAGCTCTTGTCTATTGAAATAATA  
AACTGACCTGTTCTGTG  
>GBEQ1940 |Acc|BM734705|Ver|BM734705.1 GI:19056038|MONO1\_12\_H05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:631  
TATACTCTCCAGCTTTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGCCT  
ATCCCCCTCAGATTTTATTCTACTCCTCTGCAGCCTGGTGGCCAACTGGCTTCCCTCCCTCAGGGGCC  
CCTGCCAGCAGATGCTTCTACCCATGGTGGACTCTCAGCTGCCCTGTGGTGAACCTTTGGCTCCCTGCCAC  
CAGCGCCGCCTCCTGACACCCCCCTTTCTCTGTACTTACCTGTGGGCCCTGCTCTGCAGCCCCCAGCCT  
GGCTGTGCGGCCCCCACCCTGCTCCTGCTACTCGGGTGTGCTTCCACTGCCAGGCCCTTCCCGCCTAGC  
TTGGGGAGAGCAGAGCTGCACCCAGTGAACATAAGCCGTTCCAGGATTATCGAAAACCTGAGCAGCAACA  
TTGGGGGACCTGGGTCTACAGTACTCCCCAGCTGGAAGGTCTTCTCTGGCCTTGTCAATTTCCCGTCT  
CAAGGCCCACTTCCACCTACAGCGGAGTCTTCCGACCCAGCGCATCGACCTCTACCAGCAGGCCCTCC  
CCACGGATACCTGCGCTGGATGCCGAAGCCTTGGGAGCGGGCAGGGCCACTTCTCGAGGGGGGGCC  
>GBEQ1941 |Acc|BM734700|Ver|BM734700.1 GI:19056033|MONO1\_12\_H12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:35:Stop:630  
CTTAAGGCCAGTTGAAGATGGTCCCTTGCAGTTTCCCAAGTTAGGTTAGTGATGTGAAATGCTCCTGCC  
CTGGCCCTACCTCCTTCCCTGCTCCCCACCCCTGCAGAAGGCAATTGCTGGTTTTCTTCCCCAATTCTTTT  
CCAAC TAGGTTTTGTTTACTCTACTCCCCAAATCCCTGAGCCAGATGTGGGGTGCCTACACTCCCAAACC  
CTGAGTGTCGGCCTCCCTCTGTTGAGTTTTTAGTCTCTTGTGCTGTGCTAGTGGCACCTGGGCTGGGG  
AGGACACTGCCCTGTCTAGGTTTTTATAAATGTCTTACTCAAGTTCAAACCTCCAGCTTGTGAATCAACT  
GTGTCTTTTTTACTTGGCAAGCAAGTATTAGGCTTTGGGGTGGGGGAGGTCTGTAATGTGAAACAAC  
TCTTGTGCTTTTTTCCCTCCCATTTGTGTAATAACTTTTAAATGGCCAAACCCAGAAATTTGTACT  
TTTTTTTTTTTTTCTAACTGCTATAAAACCATTTCTCTTCCACCTGGTTTTACTGTAACATTTGGAAAAG  
GAATAAATGTCGTCCCTTTAAAAAATAAATAA  
>GBEQ1942 |Acc|BM734697|Ver|BM734697.1 GI:19056030|MONO1\_11\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:25:Stop:625  
TGATCATGATCTTTGAGATGATCCTGAGCATGGTGTCTGCTGTGGCATCCGGAACAGCTCCGTGTACTG  
AGGCTCTGGCCGCCTGGGCCGAGGGAGGGCCGGTGGGACCCCTGCGGCACCCCAAGCAACCCGGACA  
CTTCTGTGGAGGGCCTCTCACCACTGTGTATATACTTTTCTGGTATTATTACTTTGCTGCATTTATTA  
GTCTTTTTTACTTTTGGGTTTTGTTTTGTCTTGAAGTTCCTGTACCTTCTGGGGCTGACGTACCTG  
TAGGTGGCATGTGAGTGGGCCCTGGGGACTGCAGGCCAGGGGCCCTCTGCTTCTGGGGCCGCTAGGA  
GGTCTTGGCTGCTCAGCCAGGCTCTCCAGGGGACCTCAGAGGCCCTTCTGGCCGAGCTGCGTCTCCACCC  
CACCCATCCCATGGGCTGCACGGCTCAGCCGGTTTAACTCTTGTCTCTCTCTCTAGAGCCGG  
GTCTATGAGCGCCTTATGCCTTAAATGCACCTCTCCTTTCTAACGCGTCACTTTCACTGTAATTACGT

CTTGAAAGTCATTCAATAAAGAAGGAAAAACCAGGCATGCT  
>GBEQ1943 |Acc|BM734696|Ver|BM734696.1 GI:19056029|MONO1\_11\_H10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:54:Stop:640  
TTCTGCAGGAGAGGCGGTGGTGAACCGAGTGTGTTGACAAGCTGTCTCCCCTACACCACCGCATCTACTGT  
GCTCTCTCTGGTTTCGGCTGCTGATGCCAGGCTGTGGCCGACATGGCCGCCTACCACTGGAGCTCCATG  
GGATGGAACCTGGAAGAACCTCCTCTTGTCTGGCTGCTGCCAATGTGGTGAGGAATATCACTTATAAATA  
TCGGGAGGATCTGTCTGCACATCTCATGGTAGCTGGCTGGGACCAACGTGAAGGGGGCCAGGTATACGGA  
ACCCTGGGAGGAATGTTGACCCGACAGCCCTTTGCCATTGGTGGCTCTGGCAGCACCTATATCTACGGTT  
ATGTGGATGCAGCATATAACAAGGCATGTCCCCTGAGGAGTGCAGGCGCTTCACCACAGATGCTATCGC  
TCTGGCCATGAGCCGGGATGGCTCTAGTGGGGGTGTCATCTACCTGGTCACTATTACAGCTGCTGGTGTG  
GACCATCGAGTAATTTTGGGCAATGAGCTGCCGAAATCTATGATGAGTGAATCTTCTCACACTTCCCT  
TCCTTAGTTTGTAAATAAATCTCTGGG  
>GBEQ1944 |Acc|BM734694|Ver|BM734694.1 GI:19056027|MONO1\_11\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:88:Stop:645  
GTCTGCTGATGGAGATTGTACCTATGGCAGGATCCCTTACCCAGGGATGTGCAACCCCGAGGTGATCC  
GAGCCCTGGAGACGATACAGGATGCCTCGACCAGAGCACTGCCCCGAGGAGCTTTACAACATCATGAC  
CCGCTGCTGGAAGAAGACAGCCCGAGGAGCGGCCACCTTCGAGTACATCCAGAGTGTGCTGGAGGACTTC  
TACACCGCCACCGAGAGTACCAACAGCAGCCGTGATGGGTGGGACCAGGGCAGGACAGGCACCGA  
GGCGAGGCCAGTGGGGTGGCTCCAGCACCATCTGCCCCGGGGCCCACTCACCTTCCCCTCCCAGACAC  
CCACTCTCGCTCCAGCCACAGTTCCTCATCTGTCAAGGGGTGGGTGGACTGGACAATCTCTTTTTGAC  
TCTAGCAATCCACAATCTGCCATTCTCAGGAGACCCCCAAGTTGACATTTCTATGGCCTGGGAGAGTTGG  
ATTCCACTCACAGCTGTGGTTTGGATGGGAACTTTAAAAATAATGAAATAAATATTAAATAAAGGG  
>GBEQ1945 |Acc|BM734692|Ver|BM734692.1 GI:19056025|MONO1\_11\_H05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:611  
CCAGAAACCAGCAGATATTTCTCCGGGACATAGAACAGGTGCCACAGCAGCCGACGTATGTCCAAGCCCT  
CTTTGACTTTGATCTCCAGGAGGATGGAGAGCTGGGATTCCGTGCGGGGAGACTTTATCCACGTCATGGAT  
AACTCAGACCCCACTGGTGGAAAGGGGCTTGCCACGGGCAGACCGGCATGTTTCCCGCAATTATGTCA  
CCCCTGTGAACCGGAACGTCTAAGAATCAAGAAGAGATTATTTAAAGAAAGTGAAAAATTTAAACGTA  
CAAAAGAATTAAACCCACGAGCTGCCCTTAACAGCAGTCTGCCAGGGGAGCTCAGACCACCTGGCTGGGT  
ACCTGTGACCCCTCACTTTGGTTGGCACTTTGGGGGGTGGGAGGGGGAGTTGGATATAACAATGCCAAA  
TCTTACCTATAAATTAAAGAAGAGAGTTTTTATTACAAATTTTACCGCTGCTCCTATTTCTCCTCTTG  
TCCTTTTTTTTCATCCTTTTCTCTTCTGTTTCATCAGTGCATGACGTTTAAATGCCACGTATAGTCTAGCT  
GATGCCAATAATAAAGAAAAAG  
>GBEQ1946 |Acc|BM734690|Ver|BM734690.1 GI:19056023|MONO1\_11\_H03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:57:Stop:548  
GCTTNTGCTTTTGCAATTGACGTGGAGGCCCTAGTTCAGTTCCTCATGCTATCTTTTGACACTAAGAA  
GGAAAGTTTCTAAATTGCGGGAGCAAGATGGAAATCTTTGCTGCCCTCTCCAACCTTGGGGATGGGCCC  
CTGGGAGACTTGAGGCTTCTGGCCCATTTGCTGCTTATTGTACCCCCACCACCTGCACATGGGACTGA  
CAGGGCTGGAGTGTGCCCTGGCTGTCTACCTCCAGCAAGAGAGCTCTCACCTGCCTCCCGATGTCCCC  
TAGAGGGGGATGGAGGGGCGACAGGACGGCTTCGCCCTAGGCTTTGGGCTGCCGATTGCATGCTGGGAC  
CCAGCTCCTCCCTCCGGGCCCTCCCCAGCTGGGGTCCGTGCGGGTGAGCGGTGACCTGCGCTGCC  
GAGCTCACAGCGGAGTCCGGTGGGGACCGTGTACAGCTTGATAGCCCTTAATAAAGAAGGGACTTTGACC  
TG  
>GBEQ1947 |Acc|BM734681|Ver|BM734681.1 GI:19056014|MONO1\_11\_G01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:78:Stop:542  
TGGCGTGATACACTTCAAGACACTGACCACAGGGTGTATTTATTTCAGTGGGCATGGAGACTCGGGGGC  
TGGGCCCTGCCACCTGAGTGAACAGCCATCCAGGAACGCTCCTCTCCCGGGCGGCTGGGCAGGGACC  
ACATCCCAGCTCTGCCCTCTCTTCTCCAGCCCTAACCTTTTGGGTCAAGACCTTCTTATCCCTTTTTTAA  
AAAACACTTTTTAACTTTTTTAATAACTTTAAACCTTTTTTTCAGCAGAGGGAGGGAGCTGACAATTGACCT  
TTTTTTGGAAGCCATGGTAAGCTAACTCTTTGATCATCTATGCAGCTCTGAGGTTCCCTCATGGAGCTT  
CACAGACCCATTTTAGGGGAAGGATTTGTGCTCAAACTATCATCAACCTTTGCCCTTTCTACCAAG  
ATAAGTGACACCTAGGACCCAGGAAATAAATGCTGATGATTTGTG  
>GBEQ1948 |Acc|BM734678|Ver|BM734678.1 GI:19056011|MONO1\_11\_F08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:551  
GCACGAGCGGCACGACGCGCAGCAAGAAAGAGGAGTTATACAGAGACACAGGGTATGAATCATGGGG  
GCCCATCCTAGAGTGTGTCCACCACACAAAGAATAGAGTAAACCTTGCTGGTAGATTCTTTGCTCTGTGA  
TAATTTCCCTTTTCACTCCTCCTCTGGTCTCTCTTGCAAGTGGCTTCGCTGCTGTTGGCAGATGTCTTC

878

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:539  
GCACGAGCGGGCCCATGGCGGCCCTATGAGCAGGTCCAAAAGGGGCGCTGAAGCTGAAAGGGCTCGCAG  
AGCTCGGCGGTGACCAAGCGGAAGAAGAAAAAGAACAGGCAAGGTCAAGGCGAAGCTCCTGGAAGCGATGGG  
AACGAGCAAAAAGAACGAGGAGGAGAAGCGGGCGCGGCCCTGGACAAGCGGACCCCGGGCCAGGCGGCCCTTT  
GAGAAGATGCAGGAGAAACGGCAAATGGAAGGATCCTGAAGAAAGCGTCCAAAACCCACAAGCAGAGAG  
TGGAGGACTTCAACAGACACCTGGATACACTACGGAGCACTACGACATTTCCCAAAGTCAGCTGGACGAA  
GTAGCTCCCAGCCCGGACATGGAGTGGCATGGGGGGCAGCAGAGCGCCAAGTCGGGGTTATGTTTGGGG  
CCTTTGGTATTTTTTAGAAACATTTCTTTACACACACCATTGTGTCTCTGCTGAGACAGTGTCTTTTCCA  
AGCAGTGTGCCCTCAATCTGGACCTCAATTAAAGTAAGACTGTCCTTTT  
>GBEQ1955 |Acc|BM734653|Ver|BM734653.1 GI:19055986|MONO1\_11\_D02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:98:Stop:505  
CCGCTCACATTCCGCGAGCCTCTCGCAGCAACTCTTTGGTCTCAAGCTTTACCGTGGAGAAGCGAGGATT  
TTACGAATCTCTTGCCAAGGTCAAGCCAGGGAACCTTCAAGGTGCCAGACTGTCTCTCCAGGAGAACCAGC  
TTCCAAAGTGACTGAAACAAGCTGTGCTAAAACCTCAAAGTACAAATGGCCCTCAGGAAAAAGACCGTGAC  
CCCGTGGACTTGGACGATGGAGCCTTCCGTGAGCGATGTGTAAAGGCGGTGCGTGCAGAGCCTACCCCG  
CGCTGAGCAACTGGTGGTCTTCTTTCTGAGGCTTCTAGCCAAAGATGTCAAAGAGTAGACTGGTTTAGT  
GCGTATATTATACTGCCTCGGAGATGTACTCTTTATAAGCTGGTAAACCAAGAATGTA  
>GBEQ1956 |Acc|BM734647|Ver|BM734647.1 GI:19055980|MONO1\_11\_C06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:395  
CTGGACCAAAGCCCTTGGCAGACCCCTTCCAGCCCTCAGCCCAACCATGGCTTCTCCAGACAACGTCCTG  
TTCTGCTTTTTGCTCCAGTGGCTGCAGCTCAGATAACCGCAGGTTCTGTTCTGGGTGTGGACCCCTCT  
CCCTGCCGCTCCTGGCAGGCCTCGTGGCCGCGGATGCGGTGGTGTGCTGCTAATCGTGGCGGTGCTATT  
TGTGTGTATGCTCCCCGAGCAGGCCACCCCAAGAAGATGGCAAATCTACATTAACATGCCTGCCAGA  
GGCTGAGCCCCCTGTAACTGCGACCTTGACTTCTGACCCTCTCATCCCGATTGTGTGTGATGGCACAG  
GAAACCCACTCCCAGCTTTGGGTTGCTTTGGAATAAAGCAATTGG  
>GBEQ1957 |Acc|BM734646|Ver|BM734646.1 GI:19055979|MONO1\_11\_C05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:588  
TTGTACATAGTGTCTCAGTGGGATCCGGAGATCTGTTTCAGCGGAATGAATTCAGTTAGCTCCATTCAGAA  
CCAGATGCAGTCCAAGGGCGGCTACGGGGGCGGGATGTCTGCTGCCAACGTGCAGATGCAGCTTGTGGAC  
ACGAAGGCAGGATAGCCCCGGGTCCCTTCTCTGGTGAGTACCTCAGAGCTGGGGCTTCACGGCCCTCCA  
TCACCGACAGACAGCTGACAACATAGACAGACTTAAGTCTTGGGGTTACAAATATATATTTTGTCTCTT  
TTTTAAAAAATTGTGAATTACTGGAAGGACACAATATTTAGTAGGCTGCTGAAGTGCCGATTCTACGTA  
GTTACTGCATATTTGGTTATTAGTTTTAGCTTGCTCTTTTCCATATGAAGACATTAAACGCTGTAAGACA  
TCTGGTTGGGGAGGAGGCTTTGACTGAGATTCTGGTGACAAGACGTTGCTTATGTGCTCTTTAGACAAGA  
GTGAGGCTATTATTTTGTAGTACTGCTGAGGGAGTCCAAGTGTAGTGAAGGAAGTATTTAACTCT  
GCCTTATTGATGACTTTTC  
>GBEQ1958 |Acc|BM734645|Ver|BM734645.1 GI:19055978|MONO1\_11\_C04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:540  
TGAACACTGTACCTGCCCTATGTGCAAACTTAATATTTTGAAGGCCCTGGGAATTGTGCCAAATTTGCCA  
TGTAAGTATAACGTGGCGTTTGGATGGAAGGCTCACCAGAACCAAGCAGTTAACCGAAGATCAGCCC  
TAGGTGACCTCACCAGCGACAACCTCCCTTGGCCTGGAACCACTTCGAACCTTCGGGGATCTCGCCTCTTCC  
TCAGGATGGGGAGCTCACTCCCAGGACAGGGGAGATCAACATTCAGTAACAAAAGAGTGGTTTATTATT  
GCCAGTTTGGCCTCCTCAGTGTCTCTACGCTCTGCTACATGATCATCAGAGCCACAGCTAGCTTGAATG  
CTAATGAGGTAGAATGGTTTGAAGAAGGAAAAAAGTCTTTCTGACTGATTGCCTTGAAGGAAAAAAGA  
ACCTATTTTTGTGCATCATTTACCAATCATGCCACACAAGCATTATTTTATAGTACATTTATTTTTC  
TAAATTTGCTAATGCCAAGCTTTGTATTAAATAAATAAATAAT  
>GBEQ1959 |Acc|BM734639|Ver|BM734639.1 GI:19055972|MONO1\_11\_B09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:585  
GTTTCATGCTTCAACAGTGTCTGAACGGAACCCGGCGCTCGCTCCCCGCCCGCGGCCACCCAGAGTC  
AGCCTCCTCCACCTCCTCAGCGCCCTCGGCGCGCGCAAGGCTCCCGCGCGCGCTCCAGCGCGCGCC  
CGCGCGCGCGCCCTCTCTCTCCTCAGCCGTCCGCCATGACGACCGCGTTCCCTTCGAGGTGCGCCAG  
AATCACCAGGACTCGAGGCGCGCTCAGCTCAGATCAACCTGGAGCTCCACGCCCTCCTATGTGT  
ACCTGTCCATGTCTTTCTATTTTATGATCAGCGATGATGTGGCTTTGAAGAACTTTGCCAAATATTTCTTC  
ACCAATCTCATGAGGAGAGGGAACATGCTGAGAACTGATGAAGCTGCAGAACCAACGAGGTGCGCGGAT  
CTTCTTCAGGACATCAAGAAACAGACCAGGATGACTGGGAGAATGGGCTGAAGGCAATGGAGTGTGCA  
TTACACTTGGAAAAAATGTGAATGAGTCACTATTGGAAGTGCACAACTGGCCACTGACAAAAATGACC  
CCCACTTGTGTGATT



>GBEQ1960 |Acc|BM734638|Ver|BM734638.1 GI:19055971|MONO1\_11\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:387  
CTTGGACCACAACCCCTCCATCCTCGAGATCAAACACTGAGACAAGGGGGCCAGCTGCAGAGTGGCCCTCA  
GGACCCCCAGACCCCTCCCGGACCCAGGACCAAGGGGGCCACCCTGCCTGCGGATGTGGCCCAGGCCGG  
GCCTCACGCGCACACTGTAAACGTATCTCTAGCCACCGTGTAACTGTACTGGTGTGTATGTGGGGAGGC  
CTTGCACACAGCAAGGGGTGAGCATGGTGCCTGGCTGTAGGGGACGTCTGCACGGTTCGCTGTCCATGC  
ACTTTGTGGTCCCTTTGCAGGGGGCAGAGGGTCTGGAGATGGGAGGGAGCCAGGTGTGCTATCAGGAGT  
TACTGTAATAACAAGAACTGGAAGAGTGTGTTTC  
>GBEQ1961 |Acc|BM734634|Ver|BM734634.1 GI:19055967|MONO1\_11\_B02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:315  
CAGCTTTTCGCTCCATACCCCCGGGTGCCTTCGACCACCTGCCCCAGCTGCGGACCCCTCGATGTGCTGAAC  
AACCCTTGGCACTGTGACTGCAGCCTCACCTACTTGCCTCTGGCTGGAGGACCGCGTGGCCGAGGCC  
TGCTGCTTGTTCGCTGTGCCACCCCCGACCTCGCCACAGCCGCGCTGGGCCAGCTGACAGGCTACCA  
GCTGGGCAACTGTGGCTGGCAGCAGCAGGCATCTGGACCCCCCGGGAGTCTGGGGGCTTGTGGCACTG  
TTGTCTGTGGCCGTGCTGGGCCTCGTCTCTCTG  
>GBEQ1962 |Acc|BM734614|Ver|BM734614.1 GI:19055947|MONO1\_10\_H02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:579  
AAGCCACAGATGACTTCTGTGAGGACGGGCGGCTGGTGGAGAAGACAACATATGACCACGTGACCAGAGA  
GAAGCTGGACCGGATCCCTCGCCCTGATCCAAGGTTCCCATCAGAAGGCCCTGGTGTGTACTCCAGCCTT  
GACCTGCAGACCCAGGAGGCCTATGAGATGGCCGTGAGAGGTCTGATCCGGCCACAGACAAGTCCCCGA  
TGCTGATAACCGGCATCCGATGCCTCCACTTTGCACCTCCGGAGTTCCTCCTGGGACCGTTTTTGGCCCC  
CGCCTGGAGAGCCAAACACCAAGGCGAGACGAGATTGCAGCAGAGAGACAGTTTACTTACAAGGCAGCCG  
TGTGAGGAAGCCGGAACCCCTAACCTCAACTTGGGGCAGCAGCAGCAGCAGAGGCAGCAGAGAAGCGGCAG  
CAGCAACATGCCAGCAGCAGTTTTGCCTGCCCATGGGTCTGTCCCCATGCCAGCAGCGGCAGCAGCAGC  
TCCCCATGCCAGCAGCATGTCTGACTGCCCATGGGTCTGTCCCCATGCTATTCTATTCTCTAAATAAAA  
GAGCACTACTGCC  
>GBEQ1963 |Acc|BM734607|Ver|BM734607.1 GI:19055940|MONO1\_10\_G06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:543  
ACCCTCTGCCCCGAGTGCAAGGGACCCGTCTCCAGGCGAAGATGGAAGAGCATTGCGAGAGCGGGCACC  
AGGAGGTGCGGTGTGCAATGTGTGTCAGCAGAGCGTGCCGAAGCACTCGCTGGAGCTTCATGAGGCCACGGA  
ATGCAGGACCGCCCGTTCGCTGTGCTGAGTCTGTGAGCTGGCCGTGCGCCTCAGTAAGGCAGAGATCCAT  
GAGTACCACTGTGGCAGCCGGACTCAGCTCTGCCAGACTGCGACCAGCCCATCATGCTCCGAGCGCTGG  
CCAGCACAAGGACGTGTGTGTCAGGGCAAACAGGCCAGCTTGGGAAAGGGAAGGAAATTCAGCTCCTGA  
ATGCAAATTCAGCTGTGTGTTATTGCAACGAAATGATTCCAGGAGATAAGTATTCCACCACGTGGATAAA  
TGTGCGCAGCTCTCAGATCTGTGAAATATTTTCAGTTGGAAAGCCAAAGAATTCCTCCTCCATCCCTTC  
CAAGCCAGGCTGCTGAAGATCAATCTTCCACGGCAGAGAAAGATGTCCGTCCC  
>GBEQ1964 |Acc|BM734604|Ver|BM734604.1 GI:19055937|MONO1\_10\_G03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:555  
ACGAGCAGTAGCACAACCATCTCATACGAAGTAAGTCTAGCAATCATCCTACTCTCAGTCTCTCTAATA  
AGCGGATCATTCACATTATCAACACTTATTATTACCCAAGAATACCTCTGATTAATCTTCCCATCATGAC  
CCTTAGCCATAATGTGATTTCATCTCAACATTAGCCGAAACCAACCGAGCTCCATTTGACCTAACAGAAGG  
AGAATCAGAACTCGTCTCTGGATTCAACGTTGAATACGCAGCCGGCCCATTTGCTCTATTCTTCTTAGCA  
GAATACGCAACATCATCATGATAAATCTTCAACAACCCCTATTTCTAGGAGCATTTCAACAACCCCT  
ACCTGCCAGAACTCTACTCAATTAATTTACCATTAAGCTCTCCTTCTAACATGTTCTTCTCTATGAAT  
CCGAGCATCCTACCCAGATTCCGATATGACCAACTTATACACCTCCTATGAAAGAACTTCTTACCCTC  
ACACTAGCCCTCTGCATATGACACGTCTCACTTCCAATCATACTATCCAGCATCCCACCAC  
>GBEQ1965 |Acc|BM734602|Ver|BM734602.1 GI:19055935|MONO1\_10\_F12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:671  
TGTGAGAAACAATCTATTTCCATTTTTGCAGAGACGTTTAACTCTTACAGTAAGCACCTTCACAGGTGA  
CACAGCTGGCTGATGGCGGGGCTGTAGCTCAAACCCAGGTGTCTAGGGCTCTGGGCAGCCCTTCCACACG  
AGGCTGTCTGCTTTCTCTGGGATGGCACCTGGGAGAGTATCGCAGAGGCCACTGAAGTCGTGAAATA  
AGCAACAGCTCTGCACGCTGTGGGTGACCAGAGGTACGTCAGATGCAGCCCATGCGGCCCTGGAATTGCA  
AAGGGGCGTCTCTAGGGAAAAGCCACGGGGTCTTGGAGCATCCCCAGGCGCATGTGGTGACGCCAAAG  
AGGAAAGACATAGACGGGTAAAGATACCCCGGAGTCCAAAAGTCTCTAACAGATCACCTCAGCGAAGGT  
TGGCCTTAAAGACAAAGGCTGAGGCACTATTGGTCCCCTTTGTTCAAAGGCGTTTCAAGCAGGTCCAGGTC  
AGCAGGCTCAGTCGCTTCCAGGCGTGGCGCTCACGAATCATTGTCCGCGCAGGTTCCGAGGACGACCCGC  
AGGAGCCCAGGCTCAGGCTCATCTGGCCGGGAGAACGGGGCCGGCAAGAGCGCCACAGGCAACAGCAT

CCTGGGCCAGCGGCGCTCCTCTCGAGGGGGGGCCCC  
>GBEQ1966 |Acc|BM734599|Ver|BM734599.1 GI:19055932|MONO1\_10\_F07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:628  
TCCAGGAGCAGAGCATCTCCCTCATGTCCGTGGGCTTCATGCTGGAGAAGCCGGTCGAGGCCGTGGTGTG  
GAGAGGGCCCCAAGAAGAACGCGCTGATAAAGCAGTTTGTGTCTGACGTGGCCCTGGGGACAGCTGGACTAT  
CTGGTTGTGGACACGCCCCCAGGGACCTCTGATGAGCACATGGCCACTGTGGACGCCCTGCGCCCCCTATA  
GCCCCCTGGGGGCCCTCGTGGTCACACACCACAGGCGGTGTCGTGGGGGACGTGAGGCGGGAGCTGAC  
CTTCTGTAGGAAGACGGGCTTGC GG GTGATCGGGCTCGTGGAGAACATGAGCGGCTTCGTCTGCCCCGAC  
TGCGCGGAGTGCACCAACGTCTTCTCCAGGGGAGGTGGCGAGGAGCTGGCCAGACATGCTGGAGTCCCCCT  
TCCTAGGCTCTGTGCCCCCTGGACCCGAGCTCACAAAGGAGCCTGGAGGAGGGCCGAGACTTCATCCGGGA  
GTTCCCCCAAGAGCCCTGCGTTTCCCGCCCTCTCCTCCATAGCCCAGAAGATTCTAAACGAGACGCCTGCT  
CAGCTCCCCCTGACCAAGGCGGCCTTGAGCACCTCCTCCTGGCCACGTGGGTTTTAGCTCACACA  
>GBEQ1967 |Acc|BM734596|Ver|BM734596.1 GI:19055929|MONO1\_10\_F03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:219  
GCACGAGTCGAGTTTCTGTGTGTTGTTTAAAGAAATGGGAAGAAAAAACCCTCCCTCC  
TCCCTTTTCTCGCTCTCGCTCCCTCCTTCCGACACCCCTCCTCCTGCCCTTTTGTGTTTTGTTTTGT  
TTTGCTACGAGTCCACATTCTGTTTGTAAAGCCTCGGTTGCGCCGGTTTTCTGTTTTCAGTAAAGTCGT  
ACGCCAGCT  
>GBEQ1968 |Acc|BM734593|Ver|BM734593.1 GI:19055926|MONO1\_10\_E11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:643  
GCCACTTTGGCATGAGATGGTGGAGACCACAGTGTCTGAGGTAGAGGTGAGGAGCGGCCGAGCGGCCATC  
GTGGACCACACTGGGGACCTCACCTTCACAGTGACCTTGGAGAACCTCACTGCAGAGGACTCAGGGAAGT  
ACAGGTGTGGGATCGCAACGATACAGCAGGAGGAGGGGCTGCAAGGCTTCTGCTGATCCCTTTTTTCCA  
GGTTCAGGTGTTGGTTTCTCAGCCTCCAGCAACAAGAGCTCTACGTGGACACCTGGACATTCCAGCCAA  
CACCAAGGGTTCTGCTCCTCATATTCTGAAGGTGCCCTGTCTCTGCTGATGCTCAGTGCCGTCTCTCT  
GGGTGAACAGGCCTCAGAGGGCAATTTGTGGAGAAACAGAGCCCTGACCAAGAAAACCTGCAGCCAT  
CCTCGCCCATCAATATCTTTGTGCGAGACACAGGCACGCAGACTAGAGAAGAAGGAACCTCAGACCCCTGA  
ATCTGATATCCCTTTTACCCTATTGCCAGAGACTTTTAAACAAACTTTTAAAAATGTTTTAATGAAAT  
ATATCATATACACAAAAGCATCTATAAGATGTATATGTACAGCTCAAGAACTAGAAATAAACATGTGCAT  
CC  
>GBEQ1969 |Acc|BM734591|Ver|BM734591.1 GI:19055924|MONO1\_10\_E07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:496  
TCCACAAAGGTCAGAGATTGTAAATGGTCAATACTGACTTTTTTTTTATTCCCTTGACTCAAGACAGCTA  
ACTTCATTTTCAAGACTGTTTTAAACCTTTGTGTGCTGGTTTATAAAATAATGTGTATCTTTGTGTC  
TTTCTGTGAGCACTGTTTCTCCCGTGGTGGTTAGAAATATATTTGTTTTGATGTTTATATTGGCATGT  
TTAGACGTCAGGTTTAGTCTTCTGAAGATGAAGTTCAGCCATTTTGTATCAAACAGCACACCAGTGTCT  
GTCATTTTCCATGCATAAAGTTTAGTGAGATGTTATATGTAAGATCTGATTTGCTAGTTCTTCTTGTAG  
AGTTATAAACGGAAGATTCCACTATCTGATTAATAGTTTCTCATACTCTGCATATAATTTGTGGCTGC  
AGAATATTGTAATTTGTGCCCCCTATGTAACAAAACAACCTGAAGATATGTTTAAATAATATTGTACTTA  
TTGG  
>GBEQ1970 |Acc|BM734578|Ver|BM734578.1 GI:19055911|MONO1\_10\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:516  
GTGTCCAGGAGCGTTTCTGGATGAGCTGGAGGATGAGGTCAAAGCTGCTCGAGCCCGGGCTCTGGAAA  
GGGCATCAGGACCCTGACCCGGCTGGGCAGCGCATCTCCAACCTGCTGGAGCCCCCTCACGTGATGGA  
TATTGCCCCGTCGCTGTGGAAATTGAAGCCTTCTCACAGCATGCTTGAATGATGACAGCCCAAGAA  
GCCAGGGATTTATGCATTTGGCCGTCGTCAAGGGAACATTGCCCACTTCACACTCACTGTACGTGGCAAC  
TGAAGCTTTTCTGTAGTTTGTCTTCCCTGTTTGAGAGATATCTGACCTTAGCTTTTCCCAAGTTTCTGAC  
TTTATTGTTTATCCCTTTCACCTCCCAGGGGCTAGGAGGATGGAGGATAAGAGGTGGGCTGTTAATGGGG  
GGTAGCCATGGCAGCTTTTTCAGTGTGGAGCCTAAAGTGGGAAGAATGGGGTCAAGTTGAGAATAATA  
AACTGAGTCCTCTCTCTTGGAGTC  
>GBEQ1971 |Acc|BM734573|Ver|BM734573.1 GI:19055906|MONO1\_10\_C11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:37:Stop:641  
GAGACCGGCTGATCGTGGGCACTGCGGGCCGAGAGTGTGGTGTGGGACCTACGGAACATGGGCTACGT  
GCAGCAGCGCGGGAGTCCAGCCTCAAGTACCAGACCCGCTGCATACGGGCATTTCCGAACAAGCAGGGT  
TATGTATTAAGCTCTATTGAAGCCGAGTGGCAGTTGAGTACCTGGACCCCAAGCCCCAGGTGCAAAAAGA  
AGAAGTACGCCTTCAAGTGTACAGACTAAAGAAAACAATATTGAGCAGATTTACCCGGTCAATGCCAT  
TTCTTCCACAACATCCACAATACATTTGCCACAGGTGGTTCTGATGGATTTCGTAAATATTGGGGATCCA



TTTAACAAAAAGCGACTGTGTCTAGTTCATCGGTACCCACCAGCATCGCATCACTTGCCTTCAGTAATG  
ATGGGACTACACTTGCATATAGCATCATATATGTATGAAATGGATGACACAGAACATCCAGAAGATGG  
TATCTTCATTTCGCCAAGTGACAGATGCAGAAACAAACCCAGTCACCATGTACTTGACAAGATTTTCATT  
TACTTAAGTGCCATGTTGATGATAATAAAACAATTCGTACTCCCC  
>GBEQ1972 |Acc|BM734567|Ver|BM734567.1 GI:19055900|MONO1\_10\_C04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:550  
AGATGTCTATTGGTGTGCCAATCAAAGTCCTACACGAGGCCGAGGGCCACATTGTGACATGTGAGACAAA  
CACCGGTGAGGTGTATCGTGGGAAGCTCATTGAAGCGGAGGACAACATGAAGTGCAGATGTCCAACATC  
ACAGTCACATACAGAGATGGCCGAGTGGCAGCTGGAGCAGGTGTACATCCGCGGCAGCAAGATCCGCT  
TCCTGATTTTGCCTGACATGCTGAAAAACGCACCTATGTTAAAGAGCATGAAAAATAAAACCAAGGCTC  
GGGGCCGGTCCGGGAAAAGCTGCTATTTTGAAGGCCAAGTGGCTGCGAGAGGAAGAGGACGTGGAATG  
GGACGTGGAACATCTTCCAGAAGCGAAGATAAATTTATCTATTGAACAGAAGTTCCTCTATTTTTTTT  
TTTTTTAGGTTATCTCAGTTCGGGGGTGGGGGTGTGTGCTTATGTATATGTCTAGGTTTTCTTTTGTG  
AATTTCTCTTTAGATCAGAGGAAATGTTAAACTAAATAAATATGATTGGTTTGGTTG  
>GBEQ1973 |Acc|BM734564|Ver|BM734564.1 GI:19055897|MONO1\_10\_C01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:519  
TGGGACCCCAAGGAAAGAGAGAGCTGATGAGCAATGGTCTGTCATCGGATCTAAAGCTGGGAAGAAT  
TCTGGCAAAAAGAGGGCCTTAACAATGAAGTGAATAACCTTCCGGTGATCTCCAACATGACGGCCACAT  
TAGACAGTTGCTCAGCAGCAGATGGCAGTTTGGCTGCAGAAATGCCCAAAGTGAAGCAGAAGGACTAAT  
TGACAAGAAAACCTTGGGAGATAAAGAAAAGGGCAAAAAGCCAACAATTGCAAAATGGACAAAAACCTC  
TCTAAACTTAAACTGCCCGGCCATTGCTCCTGCCCGGCCCCACTCCCCGCAACTAATTGCTATAC  
CCACTGCAGCCTTTACCAGACCCACCACAGGGACAATACCCGGACTGCCCTCCCTCAGCAGCACTGTTGT  
TCAGGCCACACCAAGAGTCTCTCATTAAACCCATTCAACCAAGCCCAATTATGGGGGAGCCCATC  
ACCGTGAACCCAGCTCTTGTGTCACTC  
>GBEQ1974 |Acc|BM734559|Ver|BM734559.1 GI:19055892|MONO1\_10\_B07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:246  
GCACGAGATTTCTCCCTGATGATCCACCCACATTATCTTCAGTCTGCTAACAGAAGAAGAGGCAGAC  
CTCCCAAACGAGTATCTGATAGTCAGGAGGGCCGCGTTGCTCCTAAACAGACTATTGCAGGTTATAGGAA  
CAAAGCTACTAAAGAAAGAGACAACTTTTGAACAAGAAGAAATGAAGTCACTGGCTTTTGAAAAGGCT  
AAATTAAGAAAGAGAAAAGCCAGATGCCCTGGAGGC  
>GBEQ1975 |Acc|BM734556|Ver|BM734556.1 GI:19055889|MONO1\_10\_B03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:362  
GCACGAGTCAGTGTTCGCCATTTACGTTTCGGTTCGGGAAGCTGGGAGTCTGAGATCCAAGGAGAAAGT  
GATTGATATAGAAATCAACGGCGACGAGTGGATCTTCACATGAAACTGGGTGACAAATGGAGAAGCTTTT  
TTTGTGGAGGAGTACGAAGGAATATGAAAGCTTCTGCTTACCTTGCCACCTACCAATTCCTACTG  
AAGATCAGTTCTTTAAAGATATTGACACCCGTTTGGTGAATCTGGTGGAAATGAAAGACCATCTCAGAG  
TTCAGACATCTCACACATCTTAGACACGGAGAGAGTTTTTGCTCCAAGTCTTGGAATAAAAAAAACTC  
GAGGGGGGGGCC  
>GBEQ1976 |Acc|BM734553|Ver|BM734553.1 GI:19055886|MONO1\_10\_A11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:128:Stop:525  
GGAGATGTCGGTAATGATGGCTTGCTGGAAGCGGAATGAATCCGCGACGAAGCTTGCAGAAAAGAGATC  
CAGGCCTTCTTCGATTGTGCTTCGAAGGCTGAGGCAGCCCGAAAGATGAGATCAATCCAGGAGAACCTGG  
GAGAGTCCGGGAGTTTACCCCTAAGAAAATTAATAATTTGTACAGAGGTTTCTAACAAACCTTATGT  
CAGCTGAAAATGGAGAAGCCTTTTCAATGACGGGACTGTAGCTTTTGAGAATTATGCAGAGGCATTTTAG  
AAACATTTGCACTGTTATACTTTCTTTGAGAGTAAAAGGAGACAAAACCCCTTTTTTTGTCTTTGGAA  
CCATTGTCTCTGTGGAAGTTATGCTTTATCTTGAAATAAAATCCTCTG  
>GBEQ1977 |Acc|BM734545|Ver|BM734545.1 GI:19055878|MONO1\_9\_H12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:124  
TTGTGCGTTTTTTAAGATTGAAATCATGGCAGGTCCAGAACTGATGCCCAATTCCAGTTCAGTGGTATC  
AAAAAATATTTCACTTTTATACTTTCCAGGTAGAATGAATTTGTTCTGGC  
>GBEQ1978 |Acc|BM734540|Ver|BM734540.1 GI:19055873|MONO1\_9\_H05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:603  
GCTCCCTTCAATATGGCTGCCCNACGGGAAAGGCGAGAGAGAACGTGAAAGCACAGACTCTATATCCCTC  
ATCGCATGGATCGTAGCGCAGAGTTTCAAGATGGAAGGCGCAGTGTCTGAGCAAAGCGGACCTCAGCCG  
GAAGGGCAGATGTGGACGAGGATGTGGTAGAGCTTGTGACAGTCTGATGGGCGAGAAGAGTTTTTCACT  
ACCAGTCTGTGCTGGCCGCATCCTCCTGAGCGGGGTATAGATGGTTTTGAGGTTTCAAGAAACAAA  
ACTGTTGCTGGCTACTGGTTACACACAAACCTTGTGTAAAGATGATGTGATTGTAGCTCTGAAGAAGGC

GAACAGTGATGCCATTTTGAAGTTTGAGCCATTTATTCTTCATGTGCAGTGTGACAGCTGCAGGATGCA  
CAGATTCTGCATTACAGTGGCAATAGATTCTGGCTTCAGGAACCTCGGGCATAACAGTAGGAAAGAGAGGAA  
AGACCATGTTGGCTGTCCGGAGCACACATGGCTTAGAAGTTCCATTAAGCCATAAGGGACAACCTGATGGT  
GACAGAGGANATATATAGACTTCCTATTAAAGATAGC  
>GBEQ1979 |Acc|BM734534|Ver|BM734534.1 GI:19055867|MONO1\_9\_G10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:557  
GCACGAGCGGAAGGTGGTGGTGTGCGCTGTGAGGGCATCAATATTTCTGGCAATTTCTACAGAAACAAG  
TTGAAGTACCTGGCCTTCCTCCGCAAGCGCATGAACACCAACCCATCCCGCGGCCCTTACCCTTCCGAG  
CCCCAGCCGCATCTTCTGGCGGACCGTGCAGGCGATGCTGCCCCACAAGACCAAGCGAGGCCAGGCCGC  
CCTGGACCGCCTCAAGGTGTTTCATGGCATCCCGCGGCCCTATGACAAGAAAAAGCGGATGGTGGTTCCT  
GCTGCCCTGAAGGTGCTGCGTCTGAAGCCTACAGAAAGTTTGCCTACCTAGGGCGCCTGGCTCACGAGG  
TTGGCTGGAAGTACCAGGCGGTTACAGCCACTCTGGAGGAGAAGAGGAAGGAAAAGGCCAAAATCCATTA  
CCGGAAGAAAAAGCAGCTCACGAGGCTACGGAACAGGCTGAAAAGAACGTGGAGAAGAAAATGACAGA  
TACACAGAGGTCTCAAGACCCACGGACTCCTGGTCTGAGCCCAATAAAACTGACTGTTAACTCCTC  
>GBEQ1980 |Acc|BM734515|Ver|BM734515.1 GI:19055848|MONO1\_9\_E11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:319  
GCACGAGCTCGTGCCGGCTCATTCAGCCAGAAAATAAATCTCCACCCGTGTTTGACTTTGAAGACTCCA  
CCAGGTCTGGAGAGCTTGGGAACTGCGATAACTTTCTGGGAGCTTTGGTTGGGTCCGTGATCCCCTTCT  
CCGTACACGCATGACACATGTTTCGCCATATTACGTTTATCTATAACAAACACACACCCCTACATTGGAAG  
TTTACTAAATATCATGCTCCATTTTTCACATGGTCTCTAGGCCACATCCCTCTTTATAAAATTTGTGAC  
AATTTTGTATTATAAATATGCATGAGCTCCAATGAGAT  
>GBEQ1981 |Acc|BM734513|Ver|BM734513.1 GI:19055846|MONO1\_9\_E09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:634  
CAATCTTTTGAAAAACCCGGAAGTGAGGAGTGTGCACGGATGCTGAATGTTTGGGAATGAGAGGATGAGT  
GAGTGAGGCTTGAAAAACACACCACATTGAAAATCCTGCCACAGCCGCAGCCGCAGCTGCAGCCGCCAACA  
GCAGCGCTGTGAGTGAGCTAAGTAAGCACTGGCTTCGTAGGAAACCATACGCCGGCCGTCTTGAAAAAGA  
AAAACGATGGATTTACTTGCTTAAAAAAGAAGGCTATCTCTGCAGAGAGCTAGAACTAGCTTTTCTGCC  
TTTTGGCCGCTGCAGAGTGAGTGACTGGTTTGGGAGAGGAGGAGGACTGGGTTTCAGCTGTGGTGCTTT  
GTTGTAAAAAGCAGCCTGGCCTTTGCTACTGGTAAAGAAAGATGGAGCCTGGGTCTCAAGCCCACCTTTGG  
TGTACCTTTGCCACACTGTATGTGTGCCGGCTAAAAGGAGGCTGAGGGATTCTTTCCAGTCTGAGAATGA  
GTGTGTGTGAGTGAGGCGGTATCCACATTCTCAACTCAAGTCATTGCACTTTCTTTTCCAGATAAAA  
GGGTTTTAGACATTGCATTTTATAAACTAACCAGATTCTGTCTACTGATGCAGCACAAGAGATGT  
>GBEQ1982 |Acc|BM734511|Ver|BM734511.1 GI:19055844|MONO1\_9\_E07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:557  
TCCTCATCTCTTCTCATTTTCTGATAGTGGGATGAGGATGGCCTTCCTGTTTCACCATCTTCTCAAT  
CTTTCTTTACCGGTTGGGGAAGGGCTGTCTACCTGCGGCCCTTTTCAGTGGTGGTGTCTCCTTGTCTCTC  
TCTTCTACCCGTAGGCTAATACGCTTGGCACTGATGGGCACTGGGGAATGCAGAGCAGACCCCGGATGC  
TATTTATTCAAGCCCTGTTTGAATGAGTCCTTCGTGGGCCAGTGCTGGGCTGGGAAGAGGGTAACAGCAA  
ATAATCATTGGTTGAGCTAGGCTTATCTTTTGTCTAGTGCAACAGATTGAGGGTAAAAACAGTTCTCAAA  
ACAGCCTTCAAATACCTTTACCTAAATACTTCCAGCTCCTTCTTCCAGCTAAAGCTCAGTACACTAATGC  
CTCATCTTAGCAGTGATTTTGTAGCAATTCGAAGAAATTTCTCATCCGTTTAAAGAAAACCTGACTGAG  
TTTTCTGTCTAAACAGCATTTCTGCCAAACTTAAAAGGAGGCCCACATGATACCCATTCT  
>GBEQ1983 |Acc|BM734510|Ver|BM734510.1 GI:19055843|MONO1\_9\_E06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:452  
GCACGAGCGGCACGAGCCGAAGATGGCGGAGGGGAGGTCCTGGTGTCTGGATGGCCGGGGCCATCTCCTG  
GGCCGCTGGCGGCCATCGTGGCCAAGCAGGTGCTGCTGGGCCGGAAGGTGGTGGTGTGCGCTGTGAGG  
GCATCAATATTTCTGGCAATTTCTACAGAAACAAGTTGAAGTACCTGGCCTTCCTCCGCAAGCCTACACG  
AAAGTTTGCCTTACTAGGGCGCTGGCTCACGAGGTTGGCTGGAAGTACCAGGCGGTTACAGCCACTCTG  
GAGGAGAAGAGGAAGGAAAAGGCCAAAATCCATTACCGGAAGAAAAAGCAGCTCACGAGGCTACGGAAC  
AGGCTGAAAAGAACGTGGAGAAGAAAATGACAGATACACAGAGGTCCTCAAGACCCACGGACTCCTGGT  
CTGAGCCCAATAAAACTGACTGTTAACTCCTC  
>GBEQ1984 |Acc|BM734508|Ver|BM734508.1 GI:19055841|MONO1\_9\_E04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:522  
CGTCTGCTTTCTTTTTTGGGTTTCTTCTAGGAGAATGAGAAGTGCATGTAATGGGGACTGAGAGCGCCC  
CCCTCCCCAGGCTTTAGGCCACAGGCAGCTTCTCCGACCCCCAGCTTAGCAGGGGCTCCCGGAGGACTG  
CCTGGGGAGGCAGAGAGGGAGTGCCAAGGTGGCCAGATGGTTCCAGGACCACAGTGCTTTTATTTTAA  
ACTGTTTGGCACTGCTGCCCTTACCCCTGCCCGGCTCTGGAGTACTCTTCTGCCCCAGACTAGCAGGAGTG

AGTTCAGGGGGGAGCGCTGATTCTCCCCGAGTGTGGGGGGGGGGGGGCATACCTTCTAACTGAGCAG  
TAGGGATAGAAGGCACGAGCCTGGGAACCTGCTTTTATAAATTATTTTCCTTGTAGATTTTATTTTAAAT  
TATCTCTGTGACCTGCTAGGGAGAGGAGAGAGAGAGAGAGAGAGATGCTGTGAGCACATGACAAA  
TAAATAAAATAAAATGGATGATTC

>GBEQ1985 |Acc|BM734506|Ver|BM734506.1 GI:19055839|MONO1\_9\_E02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:47:Stop:604  
ACCTTGTAACGAGAGAGACTACTTCTGGCATCCTTTAAGAACGAGGGTGCAGAACAGATCTCATCAG  
GTCCAGCCTGATGACTGGAGGGGCTAAGCGAGGAGTACCCAACCTTGGCTCTTCGAGGAGCCAGAGGAG  
ACCAGAGGCCTGGGTTTTGATGAAATCCGGCAGCAGCAGCAGAAAATCATCCAAGAACAGGACGCGGGCC  
TTGATGCCCTTTCTCCATCATAAGTCGCCAGAAACAGATGGGGCAGGAAATGGGAATGAGCTGGATGA  
ACAAAATGAAATAATTGATGACCTTGCCAACTGGTGGAGAATACAGATGAGAAACTCCGCACTGAGACC  
AGGCGTGTCAATATGGTGGACAGAAAGTCAACATCTTGGGGATGATTCTGGTGAATTTATTGCTGCTCG  
TGGCTATTGTGGTGTGCGAGTCTGGCTACCAAGTAGTGGCGATAAAGGGACCCCCAGCCGTGCCCTGC  
CAAGGATGGAGAAAGTTCAAGTGCCCTTTTGGTACACGAAAGCTGCTCTCAATAAAATTCCTGCAAAGCT

>GBEQ1986 |Acc|BM734501|Ver|BM734501.1 GI:19055834|MONO1\_9\_D09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:622  
GATGAATAAAGAGAAATGTAGTTCCTCCTCAGGCTTTCTGGTGTAGCTTACCGAGGAACTGGGCCCCCTG  
GTACAAGCCGAGCTGCCAGGGAATGAGGGAGGAGTCCCTGGGGCCTCTGGCACCTGTTCTAGGTCTCAT  
CTCAAAAGAGCTTCTGTCCAGGGAACCAACACGGTCCGAGAGCTCCAGACGCTATTTCCAGCAC  
CCCAAAGTGCATACAGCCAAGTAACATAATTGCTGCCTTCAACAAGCAGAGCTGGAGTCCGTTTTAGTTTC  
TATCTCCAAACTGCTTTCCACCAAGCTTAGCTTCTTAAAGGCCAACAAGGCCCTTGGCACAGCAAGATCC  
TTTCTGCAGGCTGATTTCCCTCGCCCGGTGGCATCTGGAGTGGCCTGATGGCTAAAAACGATTCTGTCTC  
CTTCAAAGAAGTTTTATTTTGGTCCAGAGTACTTGTGTTTTCTGACTTGTCAGCCAGCCCTGCACCAAGCG  
TTTCAAAAATGCACTATGCTTGATCGCCGATTGTGGTTTTAACTTTTTCTTTCTTTCTGTTTTATTTTGGT  
ATAACGTCGTTGCCCTTATTTGTAAACTGTTATAAATATATATATATAAATATATAT

>GBEQ1987 |Acc|BM734464|Ver|BM734464.1 GI:19055811|MONO1\_9\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:249  
GCACGAGCGGCACGAGCGGCAGTGGACAGCGTGTCAACGACCTGTTCGCATCATCCCCGGCATTGGGA  
ACTTCGGTGACCGTTACTTTGGGACCGATGCTGTCCCTGATGGCAGTGACGAGGAGGAAGTGGCTTCCAC  
GAGTTAGCTGTGCAGGCTGAGCCACCCCCACAGTCCCCGCTGCTCTTGGCTCTTGCTTTCCGAGTAC  
AGAGATGTTAACTTATTTTAATTAATAAAGACTGTTACC

>GBEQ1988 |Acc|BM734463|Ver|BM734463.1 GI:19055810|MONO1\_9\_B07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:673  
GTAAAGTTAATAGGTAGGTTACAAAACCTATGTTTTGCTTAAGCTCAGTAGCCTCTGAGAAGGCTTAAGAG  
TAGGCAATTTTTGAATGTTTTCTGTTCAATCTATGAAGATTATAAACAAGATGATCGCCAGCCATTTTT  
TGCAATCCACAGTGACGATATAAGCAGGAAGTATAAGAGTTAATATGAGGATTTAAGCTTCACAAGATCCAT  
GGAAAACGTTGTCTGAGATGGGTGCTGAGGAAGATTATAATAAGGTCTTTTTTATAGGCAGCCTAATCA  
AAAAGGTTTGAATGTCATTCTCACCTGATTCAACTTTTTGTTCTGCTGAACCATGATGACAAGTCTAGAA  
CTCTCAAGATCCTACAGCTTTGTGATGTTTTTTGAACAAATGTCTGAAAGTTGAAAAATTAGATTACAGGA  
AAAAGATTTTCTCTCTAGTTTTTTCTCACATTAATCCTCACTTTATATTGTATGTTCCAAATAATTACT  
GCCTCAGCACTCTTTTGCTTATTAGTTTTGTCAATATCACATTACTTCTAACCTTTCAATCACATTTTTTA  
TTCGATACCCATTAAAGTTCATGATTTCTCTGTTCTGGTGATACAGCTGCTCTTGCCTATATTCTAGAG  
CAGATGATCCAGACAATGCTAATAAATAGTCTTACTGATTTT

>GBEQ1989 |Acc|BM734475|Ver|BM734475.1 GI:19055793|MONO1\_8\_D03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:652  
AGTACCGTAAGGGAACGATGAAAGATGCATTAAGAGTAAACAGCAAAGCTTACCCCTTTTACCTTTT  
GCATAATGATTTAACTAGAATAAACTTAGCAAAGAGACTTAAGCTAAGCAGCCCGAACCAGCAGAGCT  
ACCTATGAACAGTTACAAATGAACCAATCATGTATGCTCGCAAAATAGTGAAAGATTCTGATAGGAGG  
TGAAAAGCCCAACGAGCCTGGTGATAGCTGGTGTCCAGAAACAGAAATTCAGTTCAAATTTAAATTTAC  
CTAAAACTACTCAATTTAATGTAAATTTAAATATAGTCTAAAAAGGTACAGCTTTTTAGATACAGGT  
TACAACCTTCAATTAGAGAGTAAGAACAAGATAAACCATAGTTGGCTTAAAGCAGCCATCAATTAAGAA  
AGCGTTCAAGCTCAACGACACATCTATCTTAATCCCAACAATCAACCAAACTAATCTTAATCTCATAC  
TGGACTATTCTATCAACACATAGAAGCAATAATGTTAATATGAGTAACAAGAATTATTTCTCTTGCATA  
AGCTTATATCAGAACGAATACTCACTGATAGTTAACAACAAGATAGGGATAATCCAAAACATAATCATCT  
ATTTAAACCATGTTAACCCAA

>GBEQ1990 |Acc|BM734453|Ver|BM734453.1 GI:19055786|MONO1\_6\_G11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:620

TCTCAGTAGACAAAGCCACCCCTTACCCGATTTTTTGTCTTCCACTTCATCCTACCCTTCATCATCACAGC  
CCTGGTAGTCGTACATTTACTATTTCTTCACGAAACAGGATCTAATAACCCCTCAGGAATCCCATCCGAT  
ATGGACAAAATCCCATTTCCACCCATATTATACAATTAAGACATCCTAGGACTCCTCCTCCTGATCTTGC  
TCCTACTAACTCTAGTATTATTCTCCCCGACCTCCTAGGAGACCCAGACAACCTACACCCAGCTAACCC  
TCTCAGCACTCCCCCTCATATTAAACCAGAATGGTACTTCTGTTTGCCTACGCCATCCTACGCTCCATT  
CCCAACAACTAGGCGGCGTATTAGCCCTAATCCTCTCCATCCTGATCCTAGCACTCATCCCCACCCTCC  
ACATATCAAAACAACGAAGCATATAATTCGGGCCCTCTCAGCCAATGCGTATTCTGACTCTTAGTGGCAGA  
CTTACTGACACTAACATGAATCGGCGGACAGCCAGTGAACACCCATACGTAATTATCGGCCAACTGGCC  
TCAATCCTCTACTTCTCCCTAATTCTCATTTTTATACCACTCGCAAGCACCA  
>GBEQ1991 |Acc|BM734452|Ver|BM734452.1 GI:19055785|MONO1\_6\_G07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:554  
TCCAGCAGCACGTAGAAGTGCCCCCTGGTCTCTGCAGAGCAGCCGTGGCGGAGCAGGCTGGCCGGCCCTG  
AGGCTGGGGAGTGGCCCCGAAGGCCCCCGCCACACACGCACCCCTCCCCAGACTTTCCAGGTTCCGG  
GAGCTGCTGTGTCCAGAGGTGGCATTGTACTATTTTTGACCAGGAGAAAATGTAAGCGGAGGAAATCCT  
TTTTATTGTATTATCTTCCCTCCCTGGCTGCTGGGTCTGTTGTGTCAGTCTGCTGCTAACCTGGCACCAGG  
AGTGGCCAGGGAGTCCCAGGCAGCCCTCTCCGGCTGCCGTGAGCTGCCATGTGCTTCTCACCCGTGAGTC  
CTGAGGCCACCTCTTGGGGTGACAAAGCTGGGCTTGGTGACAGGAAGTTGTAATGGAGCGGTGCCAGAGT  
GCGGGCTCAGGGAGCAGGTTGGGGCTGGCTGGCATGGGGTGTGCTGGGCGGCTCAGAGCTGCCCCAAGTG  
GAGGCTCTAGCTGACTGCTTCTTCTTGAGGGGAATTTTTTCTGAGATACAATAAA  
>GBEQ1992 |Acc|BM734442|Ver|BM734442.1 GI:19055775|MONO1\_6\_G07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:463  
GTCCCCGGGTGCTGACGCTGAGCTGAGCCAAGATGCCGCGGGAGCCGCTAGAGAGGGCCTGGTTTCTGG  
AGACTCGGAGTTGGCTGTGAAAAAACCCCTTGGGGAGCCCGGAACTTCCAGCAGCAGGACGCTCTTGGCTCC  
TGTGAGAAGGGGGCTCCGGGGCCTGGGCAGGGCCGGCTGCGCTGCAGCTATGGACCGTGAGCTGGCCTGG  
CCCGCTCCTTGTGTGACCTGCCCGTCTGCAGCCATGCCACCGTGGGCTCCTTGGTGTACATCATGGTG  
GAGCTGGCCATCGCTCTGCTGGCCATCCTGGGCAACATGCTGGTGTGCTGGGCGGTGTGGCTGAACAGCA  
ACCTGCAGAACGTACCAACTACTTTGTGGTGTCACTGGCAGCGGCGGACATCGCTGTGGGGGTCCCTTGC  
CATCCCCCTCGCCATCACCATCAGCACAGGGTTCTGTGCCGCC  
>GBEQ1993 |Acc|BI961950|Ver|BI961950.1 GI:16320153|MONO1\_8\_H04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:530  
GCACGAGCGCCAACATGCGCTCCAGACTGAGGAAGACCCGGAACCTTCGGGGCCACGTGAGTCACGGCCA  
CGGCCGCATCGGCAAGCACCCGAAGCACCCGGGAGGCCGGGTAATGCTGGCGGCATGCATCACCACAGG  
ATCAACTTTGACAAATATCACCAGGTTACTTTGGGAAAGTTGGTATGAGGCATTACCCTTAAAGAGGA  
ATCAGAGCTTCTGCCCAACTGTCAACCTTGATAAACTGTGGACCTTGGTCACTGAGCAGACACGGGTAAA  
TGCACAAACCAAGATCGAGCTGCTCCTATCTGATGTGGTGCAGCTCGGGCTACTACAAAGTTTGTG  
GGAAAGGGAAAGCTCCCAAAGCAGCCTGTCTATCGTGAAGGCCAAATTTCTTCAGTAGAAGAGCCGAGGAGA  
AGATTAAGGGTGTGCGGGGGGCTGTGTCTTGGTAGCCTGAAGCCACGTGGAGGGAGATTCAATAAATGC  
TAAGAAGTGTTTTCTCAGTGGCTTATCCTGGTTCCATGA  
>GBEQ1994 |Acc|BI961945|Ver|BI961945.1 GI:16320148|MONO1\_8\_G11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:78:Stop:725  
CAAGAAGAAAGGACATGTAAAGTGTGTATGGACAAAGAGGTGTCCATAGTGTATTTCCTTGTGGTCATC  
TAGTAGTATGCAAAGATTGTGCCCTTCTCTAAGAAAATGTCTTATTTGTAGAGGGACAATCAAGGGTAC  
TGTTCTGTACATTTCTTTCATGAAGAAGACCCAGAAGTTTGTCTAACTTTAGAATTAATGGATTAAATGT  
ATTATAACTTTAACTTTTATACCGACTTGGTTTCTTAAAGATTTTTTATTTATTTACAACCTCAGAAAATT  
TTGTTTTGTATAAATATAAATATATACATATACATATATTTATATAAATGTATATTGAAAACATGTGAAC  
ATATATATTTTAGATAGCAACAGAGTGACAGGCTATTGTTCTTGTGAACAAAAAATAGGGACAGCACTAC  
AAGCACTACTAAATCAGAAATTTTCAGCACTATTGAAATTTTAAAGTGAAGTAAGATTTTGAGATTTTGA  
TTAACCTTTTCAAGATTTTAAAGTATTTTCAGAGTCATATTTAGAAGTGGGAACATGGATTTTCTGCCCTTTT  
CCATTGGTGTCTATATGTAGAAGGTCTTGATGTTTGTGAATGACTTTTTAGGAACGTGTTTTTTGTGA  
AAGAATCTGTGAGGAAT  
>GBEQ1995 |Acc|BI961940|Ver|BI961940.1 GI:16320143|MONO1\_8\_G02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:423  
GCACGAGCGGCACGAGTCTCAGACCTGAAGAGAAGAGGTCTTGGAGAAGGCAGAGAACAGCATGGACCGG  
ATAGACTCTTGACTCCCTTCTGCCACAGTTTGTGATCTGCAGAGTCCAGCTAGGGTAACCCCTGATTTTT  
GCCAACCTCTCCTGCTGAGCCAAAGTTTCTCATTTCTCCCTCCACTGGGGAAGCAGCTGAGGCCAGG  
GCCTTGTCTCCCTGGGAAATTTCTCTCTCCATCTTTTCCGGTGCATTGGCCATGTTACTGTGCCAATAGTGTG  
TTAATTTCTGTTCCATCTGTTCTCAGCTAGCCTTGAACCCACATAGGAGTTGTGGGGAGGGGTGGAAAT

GGGTGTTACTCCTTGTAGTTGATCCTGATGTGTGTGTTTATAAAGAGACCCCTCCCCTCATTTTGTGTTT  
TCA  
>GBEQ1996 |Acc|BI961938|Ver|BI961938.1 GI:16320141|MONO1\_8\_F11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:107:Stop:666  
TTCTCCACATCCCCAACCAGAGACAGCCTGAGCTTTGAGGACTTTCTGGACCTCCTCAGTGTGTTTCAGTG  
ACACAGCAACCCAGACATCAAGTCCCCTATGCCTTCCGCATCTTTGACTTTGATGATGATGGAACCTT  
GAACAGAGATGACCTGAGCCAGCTCGTGAAGTGCCTCACGGGAGAGGGCGAGGACACACGGCTCAGTGCT  
TCCGAGATGAAGCAGCTCATAGACAATATCCTGGAAGAGTCTGACATTGATAGGGATGGGACCATCAATC  
TCTCTGAGTTCCAGCATGTCTCTCCCGTTCACCAGACTTTGCAAGCTCCTTTAAGATTGTCTGTGACA  
GGAGGCACAGCGTGTGCCCCAGCACCTGCTGAAGAACCTTGCCACTCCTGGGCTGTGACCAAGGTCATG  
CCTGTGTTGCCAGGGCTGGCCAAGCTGGCCTGAGAGCTGGCACCGCGCAGTCTCGCCCCGGGCGAGG  
GGAGGGGCGCCGACATCAAGGCCTTCCCCTTCTCCCTGCCACTGTGATGGCTGTTTGTGTTTCTACTAA  
>GBEQ1997 |Acc|BI961931|Ver|BI961931.1 GI:16320134|MONO1\_8\_F04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:62:Stop:179  
AGCTATCTCACCCCCGACCTATGGAAAGAGACCGTGTTCACCAAGTCTCCCTATCAGGAGTTCACTGACC  
ATCTGTAAAGAATCACACCAGAGTCTCCGTGCAGAGGACCCAGGCTCC  
>GBEQ1998 |Acc|BI961930|Ver|BI961930.1 GI:16320133|MONO1\_8\_F03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:657  
GCACGAGCAGCATCAGGTAAGCCAAGATGGGCGCTTACAAGTACATCCAGGAGCTATGGAGGAAGAAGC  
AGTCGGACGTGATGCGATTTCTTCTCAGGGTGGCGTGTGGCAGTACCGCCAGCTCTCGGCGCTCCACAG  
GGCGCCCCGCCCCACCCGCCCCGATAAGGCGCGCAGACTGGGCTACAAGGCCAAGCAAGGTTATGTCATA  
TATCGCATTCGTGTGCGCGTGGTGGCCGCAACGCCCCGTTCCTAAGGGCGCGACCTACGGCAAGCCTG  
TGCATCATGGTGTAAACAGCTCAAGTTTGCTCGAAGCCTTCAGTCTGTTGCCGAGGAACGAGCTGGACG  
CCACTGTGGGGCTCTGAGAGTTCTGAATTTCTACTGGGTTGGCGAAGATTCCACATACAAATTTCTTTGAG  
GTGATCCTCATTGATCCATTCCATAAGGCTATTAGAAGAAATCCTGATACCCAGTGGATCACCACAAACAG  
TCCACAAGCACAGGGAATGAGAGGGCTGACATCTGCAGGCCGCAAGAGCCGTGGCCTTGGAAGGGCCA  
CAAGTTCCACACATATTGGTGGTTCTCGCCGTGCAGCTTGGAGAAGGCCAATACTCTGCAGCTTCAC  
CGTTACCGCTAATATAAGTAATGTTGT  
>GBEQ1999 |Acc|BI961924|Ver|BI961924.1 GI:16320127|MONO1\_8\_E04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:575  
GCACGAGGATTGGCCCTGATGGAAGAGTGACATGCGAAGCTGATGTTGAGTTTGCCACTCACGAAGAAGC  
CGTGGCAGCTATGTCCAAAGACAGGGCCAACATGCAACACAGATACATAGAACTTTTCTTGAATTCACA  
ACAGGGGCCAGCAATGGGGCATATAGCAGCCAGATGATGCAAGGCATGGGGGTGTGAGCCAGTCCACTT  
ACAGTGGCCTCGAGAGCCAGTCAGTGAGTGGCTGTTATGGGGCTGGCTACAGCGGCCAGAACAGCATGGG  
TGGATATGCTGTTTGAAGGAGCTTGTGAGTTGTTTCAATCAAAATTTTCACAGGCCAACAAGCAG  
TGAAAAGCAGTTAACTCTAGAGGGAGCTGTGGGACCCATTTTGCACCATGAGTTTGTGAAATCTGGATTA  
AAAGAATTACCTCTTCAGTGTCTTCTCATGCAAACTTTCTTCTAGCATGTGATATTGAGTAAACTAAAAC  
TATTTTCAGCTTTTCTCAATTAACATTTTGGTAGTGTACTTCAGACGTGATGTTATCTGAGTTAAAGTAG  
TTTTAAGTACATTAA  
>GBEQ2000 |Acc|BI961923|Ver|BI961923.1 GI:16320126|MONO1\_8\_E02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:544  
AGTGGGTNTTAGTTCTTTCTGTGCCCTGATATTTGTATATTATTGAATTATCCAAGATTTGATGGGATT  
TATCGTATGTAGATAGCTCTATAATGCTTGAATTTGTACACTTCTAAGTGGGCAATGCAAGAGCTTGTTT  
ATATTTTCATACTTTTTTATACCTTTGAGGAAAAAAGTCAAAGAAAACTAGTATTTGAGGAAAAAAGTGA  
CCAAGTAAAGGATAAAATTAATAAATAGCCTCATGAGACTTGGCATAACACACACTCATGGGATTCAG  
TTATTACGAGTTGCTTTTATCCCCGTACCCCCACAATGATTTTCTTTGCAAGTGCTTTTGGAACTAAGA  
AGCTAGTATCTTGGATTAACTGATGCTGCTTAGTGTCTTCTGATTACTCGCATTCTGTTTCTGCTTTA  
AAGGAAAAAGTAAAGACAAGACTGTTGGATCAGTATTGCAGTTCTGTAGTGTCAATTTCTTATTAATAACGA  
ATAATTTGATTACCAGAAATTTGATGTTTAAAGCCTAACCCACATTCTAATA  
>GBEQ2001 |Acc|BI961922|Ver|BI961922.1 GI:16320125|MONO1\_8\_D12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:735  
GCTGAAAGAGCAGCGAGAGAGAAGATTACGAAGAAAAGGAGCAGCTGGCCTTGCAGCTGGCGATTTTGC  
TGAAAGAGAATAATGCTTTTGAAGACGGAGGCAGTAGGCAGTCCTTGATGGAATGCAGAGCCGTCATGG  
GGCGAGAACAGTGAAGTCTGACCAAGCAGGTTTACCTTGTGAAAGAGGAGCTGAGGATAGAACTGGCAG  
CAACAGCAACAACGGAATATTCAATTCATTTGCCCCAAATGTGGAGAAGTTCTGCCCGACATAGATA  
CCTTACAGATTCTGTTATGGACTGCATCATTTAAGTGTGATGTTTCACTTCCCCAACTGTTGGTAAAT  
GTCAAGATTTTCTTCTCCAAGAGTTGTACTTTTGTGTTATTTGTTTCCACTCAAATATTTTGGCTCATT

GTTTGTGTTTTAGGAAAAAGAAAATGCGTATGTTCTAAACAGGACATTTTTTGTGGACTTCCATAAACTCAC  
AAAAATAGAATCCGTAACATACCAGTCTCCTGATCATAAAATCACTTTTTTTTAAACGTTTCAGTTTATGTG  
AGCACGAACTGCTCATGCAGTTAATGAGCGTATGACATCATGGGACAGAATAAGAGTAGTTAGATGGAAG  
AAGCCTCGCTGAGAGATTTTAGGAACTTTTAAGGAGGTAGGAAAAATGAAGTGGTCACAGGTTTAAATCA  
AGTAAAGTGTCTTTGAAGTATTTTTTAAAAATAA

>GBEQ2002 |Acc|BI961916|Ver|BI961916.1 GI:16320119|MONO1\_8\_D06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:557  
TCACTGAATTGTTTCACTACTGTCTCTTTAGTCTTCACAGTGTTTTATCTTGAAGTATGTTGAGTGCAG  
CTAAGTGATCAGTTCTTAGCTGGGATTCCCTAGTTTGGGCATCTTGCTTCATCATACTTTAATGAAAGCTG  
AATGACTTCAAGGCATAGTATGAATAACAGGCATATATTTTACAGCAGTAAATCTCTAAAACTCTTTTC  
TGTGGTCAGGGTTGAGTCATTAACAATCAGACGACCCAGTAAATGGTAAGAGGCTTATATTCCTGAATGA  
AATGTATAGCTCACTAGTGACAACCTGCTAGTCTTCAGATTTTTTCTGCCTATAGATATCATGTGCATTT  
TGAAGGTAAAGGATAAAATGAGTGAGCTCTGTCATGATTCACTATTCTAGAAGTTGCATGACCTTTACTG  
TGTTTCTCTTAAATTTTAGTTGGCTAGAGATGGCTTATTAGACCTGCCATCGTACGGCTCAGCTGTATC  
TTTATAAACAGTATATGCCCTTATAGTTGTATACAATCTGGTATGTGAACATTGTGGA

>GBEQ2003 |Acc|BI961913|Ver|BI961913.1 GI:16320116|MONO1\_8\_C12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:707  
TTGGCTGCCGTCCCGCTGCCGTGCACTGGGTTAAAAACGACAACCTAACGTCAACCATGAAAGATCCAAG  
TCGACAGCACTACTAGCCCAAGCATCATCAATGAAGATGTGATAATTAACGGTCATTCTCATGAAGATGAC  
AATCCATTTGCAGAGTACATGTGGATGGAAATGAAGAGGAATTCAACAGACAAATAGAAGAGGAGTTAT  
GGGAAGAAGAATTTATTGAACGCTGTTTCCAAGAAATGCTGGAAGAGGAAGAAGAATGAATGGTTTAT  
TCCAGCTCGAGATCTCCCAAACTATGGACCAATCCAAGACCAATTTAATGACCTTGTTATCAGTGAT  
GGCTCTTCTCTGGAAGATCTTGTGGTCAAGAGCAATCTGAACCCAAATGCAAAGGAGTTTGTTCCTGGGG  
TGAAGTACTAAAATATTTGAGTAGACGGGGCCCTCTTTTGGTGGATGTAGCACAATTTCCACACTGTGAA  
GGCAGTATTAGAAGACTTAATTTGAAAAGCTCTCTTGTCACTGTGTTACACTTATGCATTGCCAAAGT  
TTTGTAGTCTTGCATGCTTAATAAAAGTGTGAGACTGTTATTAAGTAAAAAGCTGTCAAACATTTACT  
GAAAATAGAATTGGCCCCATGACTTGATGTGAAGACAGCGAGGAAAGAAGCACCAGTCAAGTTGGATAAA  
GC

>GBEQ2004 |Acc|BI961910|Ver|BI961910.1 GI:16320113|MONO1\_8\_C07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:520  
AAGCACGCTAACCCAGCCAGCCACCATGACCATCCCCACTTTGCGAGAAGAGGAAACAGGTCTGTTAGAGGT  
GTGAAGTCACTGGCCAAAGCCGGCGGGAAGCCAGCAGGAAGGGGCAAAGCCAGGACAGAGTGACCCAAGC  
CTGAGGCCCCACAAGTGAGGGGTGGAGGGCAGACTGCAAGGGCAGCTGGAGAACCCGGCTGGTCCGGCTGG  
GGGATCTGGGGGCCGGGCGAGCGAGGCTGGCCGTCTCCACGCTGTCTTCTGGCTTTCCTCCAGCTGGGT  
CGGCTATCAGTATCCCGGCTACCGTGGATACCAAGTACCTCCTGGAGCCCGGCGACTACCGGCATGGAAAC  
GAGTGGGGGGCCTTCCAGCCACAGATGCAGGCGCTGCGCCGCTGCGCGACAGGCAGTGGCACCACAAGG  
GCAGCTTCCCGCTCCTAGCCACCACCGAGTCCCCCAAATGAGTCCACACTCCATGCCTGTCCCCCGTCCC  
AGCCCTTCTCAGGCTCAATTTCCCCATCT

>GBEQ2005 |Acc|BI961907|Ver|BI961907.1 GI:16320110|MONO1\_8\_C03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:91:Stop:602  
GGCAATTTTGTCTACCATTTGTGTTTTGAAAGCCCAAGGTGCTGATGTCAAAGTGTAAGAGATATCAGTG  
TTTCCCTGTGCTCTCCTTGCCAAATCTCAGAAGAGGTTGGGCTTCCATGCCTGCATCTGTCTGGCTC  
TCACCCGCCATGGCCCCAGGCCACAGAGTGGGAACTCACCTCCCTTATGTCAAGACATTTCTCTTAC  
TCCTGCCATGTCTTCTGGTGCTACTTCATGCAGGGGTGACGCGCAGCAGAGGATAATCTGGAGAAGGTGTT  
AGCAAAGAAAAAGGAAACATTGGAGCTGACTGTTCTTGGTAATTGATGACCTACCAATTGCTACCAAGAA  
GGTTGGAGATGAGGAGGGCTTTTGTATAAACCATCCACCTCACCAAAACTACAAAAGTATGCTGTTATG  
GTCCCTTCTGGAAGTTTCTGGTGCCATTTCTGAACGTGTACAACCCGTATTTCCAACTTGTTTCATATT  
TATACTTTGCAATTCAAATAAA

>GBEQ2006 |Acc|BI961904|Ver|BI961904.1 GI:16320107|MONO1\_8\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:82:Stop:714  
CCTAAGTTGCAATTTGTGATAAACAGAGGTCCAGAGGAGTCGTTTATGAAGTCTTATCCTTTCAAGGAGCA  
CAAGCTCTCCTGCCCTTCTCCTTGGGCACCCCTCACTCCAGGAGACGGAGGCATATGATAAAAGACTTCAC  
TCACGAACCGTGAGCCAGTTGCATATTCATGAGTGAGAGAAGTGTGACTAACCACAGCTGGGGCCTTAT  
GCAAGGGGCCCTAGGCTAACTAAGGAGTGATTCCCGTACCCATTCCTGTGACTTGCACCTTGGATGGTGG  
GGTCTTTGCCGTGAGTAGGAGGTTTCTAGTAGAATCTGTTTCCCTGGGACACAGAATGGAACATAAAT  
CATTTGGTACCAGCAGCAGCTATCCAAAGTGTGACCTTTTGTCCCAACACCTTCTGCAGCTTTTGCCTG  
GGCAGGGTTAGCATGCCAGCAGCTTCTGCAGGCCCCAGACCATGCCAGAAGCCAGCCCCAGGCCTGCT



GCCCGCATACATATTCCTTAGTCAGGTGTTCCCTAGAACAGACACTTAGGCATCTCAGGTCTTTCTAAT  
TTGCGCAAGAAAAATGTCTCTTTCTTATGTATGCATTTCTTTTTTGTCTTTACTATGCACTTTAGCCTA  
TAA  
>GBEQ2007 |Acc|BI961900|Ver|BI961900.1 GI:16320103|MONO1\_8\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:59:Stop:697  
AATCTACAAAGGCAAAAAGAACTGATGATGCTGGTTCGGGAGAGGTTTCGGTTGATGGAACCTCGGATGAG  
TGGGGGCGGGGGTGGCGGGGAGGGGCGGTTTGTTTTTTACTTGAGCCTGCCTTTGTACCTTTTAACT  
TAAAGAACAGAGCCACACCGGTATTATATGTGTATAGTTCTATTGCGTTTGTGACTAAATTGTCATGTT  
GTGAAAGTTTGTGTGTTTTAATTTTTTCCCTTTTCTTTCTTTTGTGTTTTTCTTCTTTTGTATATT  
TTTTAATTCCTTTTTTGGTTTTGTATGAGAGAGAGGTTAAAAAGGTTTGGTTTACACTGAGTATATGTT  
GTCGAGTGGCAAAAGTCCACACAGCTCTCCTGTTTTCTGTCTACGTTTACAGCCTCAAAAAGTAATCGA  
AATGGCTTTAAACCAACAGAACACCTCCATCCTGTGATAAGTACCTCGAATGGATTTCAGCTTTACTCC  
TTTGTAACCTCATCTTTACATTTTTCAGCATATTTAAACAAACCACAAAATGAAATACTAATAGTTAAAG  
GCTGACCCACGTGGCTTTGCAGTGTGTTCTGTCAGAGCATGGCACACGATGCTTGTGCATGTGGAAC  
TTCGCGACT  
>GBEQ2008 |Acc|BI961891|Ver|BI961891.1 GI:16320094|MONO1\_8\_A02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:555  
CCAAGAGCTGAAGCTGATCGGCGAGTATGGGCTCCGGAACAAACGTGAGGTCTGGAGGGTCAAATTCACC  
CTGGGCAAGATCCGCAAGGCCGCCGGGAGCTGCTGACGCTGGACGAGAAAGACCCGCGCGGCTGTTT  
AAGGCAATGCTCTGCTGCGGCGACTAGTCCGCATCGGGGTGCTGGACGAGGGCAAGATGAAGCTGGATTA  
CATCTTGGGTCTGAAGATAGAGGATTTCTTGAGAGGCGCCTGCAGACCCAGGTCTTCAAGCTGGGCTTG  
GCCAAGTCTATCCACCACGCCCGCTGCTGATCCGCCAGCGCCACATCAGGGTCCGCAAGCAGGTGGTGA  
ACATCCCATCATTCATCGTCCGCTGGATTTCCAGAACACATCGACTTCTCTCTGCGCTCTCCATATGG  
GGGTGGCCGCCCAGGCCGCTGAAGAGGAAGAATGCCAAGAGGGCCAGGGCGGGGCGGAGCTGGTGTAT  
GATGAGGAGGAGGATTAAGCCACAGCCTCTGCTGGGCTGGTGGAGTGTGTTAGTTTTC  
>GBEQ2009 |Acc|BI961890|Ver|BI961890.1 GI:16320093|MONO1\_7\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:122:Stop:717  
GGCTTGGAGATGAACCTGAAAGACGACCATACACTGGCAATCCTCAGTACACGTACAACAATTGGTCTCC  
TCCGGTGCAAAGCAATGAAACGTCCAATGGTTATTTCTGGAGAGATCGCATAGCGCTAGGATGACACTT  
GCAAAGCTTGTGAACCTCTGTCCAGAGGAGGAGCCAGATGACCAAGATGCCCCAGATGAGCATGAGTCGC  
CTCCGCTGAAGACGCCCGCTTATACCCCACTCCCTGGCTCTCAGTATCAGCAGAATAACCATGTGCA  
TGGACAGCCATACAGGGCCAGCAGCACATCATGAACAACCTCAGAGAACCAGGCCAACAGACACAA  
GAAACTATGAAGCAGTGAAGAAGTAGCCCCGCTCAGACAAAGGATCAGTGAATGCGCGTAGTGAAC  
TGGTTCCACCAAGACTGTGCACCCAGGCCCTTACAGTCCAACCTTTTTCTGTGTCTGGCTAATATTTAAAA  
CTAGAAAACCTATTCTCAATCAACATGGAGTGGAGTTTATTCAGTGTCTTATCTGCAGAAATTTGCTG  
TCAATATATAACCCGCTGCACTGGAAAGTGTATAG  
>GBEQ2010 |Acc|BI961879|Ver|BI961879.1 GI:16320082|MONO1\_7\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:63:Stop:608  
GGAGAAGAAAGGGTGCCTGTTGTCAATAAACGAAATGGGAAGAAGATGGGTGGAGCTATGGCGCCTCCAA  
TGAAGGATCTGCCAGGTGGCTGGAAGAAAATCCTGAATTTGCAGTTGCTCCAGACTGGACTGATATAGT  
TAAGCAGTCTGTTTTGTTCCCGAGTTCGATGTTTGACCGCTTCTCACTGGACCCGTGGTGAGGGGGGAA  
GGAGCGAGCAGAAGAGGCGAGAAGGCCCAAGCGAAATCGCCAGGGCGGGCGCGCTGCCGCTGTGGCCT  
CCACTGCAGGAATCAACCTCTGCTGGTGAACAGCCTGTTGCTGGAATGGACCTGACAAGCCTTCAGAA  
TCTCCAGAATCTCCAGTCTCTCCAGCTGGCAGGTCTCATGGGCTTCCCTCCAGGACTGGCAACAGCTGCC  
GCTGCCGGAGGCGACGCGAAGAACCCTGCTGCCGTGCTGCCCTGATGCTGCCGGGCGTGGCGGGCCTGC  
CCAACATGTTTGGATTGGGTGGGCTGTTGAATAGCCCTCTCTCCGCTGCTACTGGA  
>GBEQ2011 |Acc|BI961876|Ver|BI961876.1 GI:16320079|MONO1\_7\_G05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:100:Stop:557  
GGGCGTCTGCTGCGCACCTTCATCCGCAAGCCCAAGAACCCAACTCGGCCAACCGCAAGTGCTGCCGC  
GTGCGGCTCAGCTCGGGCCGCGAGGCCGTCTGCTTCATCCCCGGCGAGGGCCACAGCCTGCAGGAGCACC  
ACGTGGTGTGCTGTCAGGGCGGCGCACCCAGGACCTGCCCGCGTCAAGCTCACCCTGCTGCGCGGCAA  
GTATGACTGCGGCCACGTGCAGAAGAAGAAGTGACGGCGGCGGGCGCGCAGCAGCAGCGCCGCGAGT  
CGCCACCCGCTCTCTGGGCTCTGCGGGACCTTGGGAAGCTAGGCCCGCTCGAAAGGCGGCTGGTCTTG  
GCTTCAAATCCTGACCCCGCTCTCCCATCAGGACCAGCATTTGGGTTAGAAAAAGGCGCGTCTGCCAGCA  
TCTTGGCTCCCATGTATAGAGTGGTGGCGAGAAGAT  
>GBEQ2012 |Acc|BI961871|Ver|BI961871.1 GI:16320074|MONO1\_7\_F11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:42:Stop:693

CGCCAACCTCAGAAATGCAGCAGATCCTAGCACGGGTCCGGCAGAACTTTGGCAAAATCAATGTCGTGCCT  
CAGTTTTCTGGGGATGACCTGGTTCCTTTGGAGATGTGAGACATCGAGGAGGAGCTCGAGAGCGTTTCCA  
CAGTGGAGGAGGAGGAGCAGAAGGAGGAGGAGCTCCAAGGAGACGAGGAGGAGGAGTCTTACTCAGAGTC  
CCAGGAGGAGCAGCTGGAAACGACACCAAGGCGGTTCATTAAGCCCTGGATGAAAAGATCGCTAAATAT  
CAGAAGTTTTTAAACAAGGCAAGGCTAAGAAGTTTTTCAGCAGTTCGAATATCTAAGGGACTCACTGAAA  
AGGTGTTTTGCAAAAGCTGAAGAACAAGGAGAACAGCTGAAGAAGATGTAGAAGATAGAGCACCTACCAA  
AAAGGGAAAGAAGAGGAAGGCACAGAGGGAAGAGGAACGTTCAAATAAACTCGCAGGATGCTTACATCG  
AAGGAACGGAGCGCAGCAGCCCGCAGCAACAGTCTAGAAAAGTTGGTGTACGCTACTATGAGACACACA  
ACGTGAAGAACAGGAACAGGAACAAAAAGAAGACCAATGACTCAGAGGGGCAGAAACACAAACACAAAA  
ATCCAAACAGAAGCAGTAAGTT

>GBEQ2013 |Acc|BI961870|Ver|BI961870.1 GI:16320073|MON01\_7\_F10.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:23:Stop:640  
TGTGCTGCTCAGACAGGGTGTGCTGGGCATCAAAGTGAAGATCATGCTGCCTTGGGACCCAAGTGGTAAG  
ATTGGCCCTAAGAAGCCGCTGCCTGACCACGTGAGCATTTGGAACCCAAAGATGAGATACTGCCCACCA  
CCCCATCTCAGAACAGAAGGCTGGGAAGCCAGAGCCGCTGCCATGCCCCAGCCAGTACCCACGGCATA  
ACAGGCTCTCCTTGGCAGCTGGATCTGGAGTCTGGATGTTGCTCTATAAAGACCTTAAATAAAATGTTTT  
TAAAGATACATGGCCTGACCAGACTGTACGTCCGGTGTTCAGACTGAGGGTCTTGTGCGCCACATGGGAG  
CGTTACTTCAATTGATTCTTAGGGCTGCCTGGCTCACGATGTCTGTGCTTTCCAGAAATCCTCCGTTTCA  
GCTGAAGTGTGAGGCAAGGGCCAGACAGGAGGACCCAGCAGAGTTAACAGGAAAGTATCCTGTTGG  
GGGAGTAAATCTGGTGTATGGAGAAGGCGGATTGCTAACAGAAGGCACCTTGATTAGCTCACCTGTGCTT  
CAGGGTTACAGGTGTGGAAGAGGTATTATATACTTAAATGATTTTCTGTATTGCACA

>GBEQ2014 |Acc|BI961869|Ver|BI961869.1 GI:16320072|MON01\_7\_F09.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:56:Stop:652  
TCCCTCAAGCAGGCTGTGGGCCATGAAGCCATCAAGCTGCTGGTGAATGTGGACGAGGAGGACTATGAGC  
TGGGCCGACAGAACTCCTGAGGAACCTGATGCTGCAAGCATTGCCCTGACCTTTTCCCTTCTCACTTC  
TCTGGGACTGTTCCACCATCCACCTCTGGAGCTTACATACTGTTCTGGGGTTTGTCTCTACCTTCC  
AACCAATCACACCTGCCTTTTTTTTTTTTTTAAAGGAAAAGACAAAGGAAAATGGAAGTGGTGTCTCC  
CACCCCTCCCTGCACCCATGCTGCTGGGCTTCCCTTTGTTTCCCTTTCCACTTACCCCTTAATGTGT  
GTCTCTACAGCCACCTTGCCACTGAGCCGTAAGACAAATGTATAGGGAGAAGCAAAGTCTATAGAACATA  
GTCTTTGTAAGGGATTGAAGTGAACACTGCTTTGGGTGCACTGAGGGGTTATCAGTACTTCTGGCTTTA  
TGAGGGCTCTTAAATTTGTCTGAAAAACCAAAGGGCTGTGAGTAAGGGAGCTGTGTGGAAGGTGGGACT  
CTGAAATGTATTTTGGAAATTTAATCACCAACCTCTCC

>GBEQ2015 |Acc|BI961865|Ver|BI961865.1 GI:16320068|MON01\_7\_F05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:649  
GGGGCTGGGTTATATGAGAAGGGGACGTATTTCTGGCCAAAATGACACTAACCAAGGAGTTTCATCATC  
AGGCTCCGGTGGAGCTGTAGGTTGTGAGGTTTACCTGCTTCCCTGTTTCTCTTCTTCCCCCTCC  
TTATTCCTGACTCCTCTAGCTCTTTTTTCCCTGCATTCTAGCAATTCGTGATTCTAAGATGAAAAGTTG  
AAGGGAAGAAGCAAGACCTCTCCTCAGCTCATCCCCGGCAGGGGGACGAAAGCCTTGGTGTGCTGGGGCA  
CACCTCCCTCATCTGCCACAAAGAAACAGACTTGTCTCTGGGTTTCATCCTTTCTAAAACCGATCCCT  
TCCCTGTCACTCTAGGAGGGTTCTGTGCTGCCCTGGGGGAAGAGACATTAGCTCCTTGTTCCTTCCCT  
CACGGGTTTGGTGCACAGGCTCCTCCCTGAGGCCGCTGGCTTCTGGTAGCCCTGTCACTGTGAGGTAGAA  
CAGTCAAGACAGGATGGCCCTGGCCTCCCTCCCTCTCCCCAAGCATTCCTATGTCCGCTCAGATGAGG  
ATGCAGGTGGCAGGTTGGAGAGCAATGTGTGTTTTTTTCTTTCTTGCCTGACCTCAGTTCATGGAGAA  
AGTGAAGCTACAGAATTAT

>GBEQ2016 |Acc|BI961864|Ver|BI961864.1 GI:16320067|MON01\_7\_F04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:65:Stop:673  
CCCCCTCCTGCAAGGATATTGTAGCTGGAGACATGAGCAAGAAAAGCCTCTGGGAGCAGACAGGTGGCTCC  
AAGACGTGCTCGACAGTTAAGAGCACCCGCTCTGGGAAGAGGTACAAAGTTTGTGGCCACCGGACACGGGA  
AATATGAGAAGGTGCTCGTAGACGAAGGCTCGGCACCCCTAGGCCGCCCTTCTCGCTTTCTGCGCTGCA  
GTGCAAGGCTGAGCTCCCTCCGTGCTCCAGGGGAGAGTCCAGCCGGATGCCACCCCTGGCTGCCGAAGA  
AGCTGCTTCCATCACCTGCTTGGCCTGCCACGCCCTCCAACACCCGCCACCAACCACTCTTTGCT  
CCTGGACCTCCACCTTCTCTCCCTCCACTGTCTGACCATGCCCCCCCCAGCCTGGCTCTGCCTCTT  
ATAAGCTCAGGCTGGCAGCTGGCTAAAGGGACCCCTCCCCAGAGAAGCCAAGAAGTCCCAAGGAAGGT  
GCAGCTGTGCAAGAGAGGGCATCTGTGGGGGACCTCATGGTCAAGAGCCAGTGACACCTGAGCTGGAT  
GCTTAGGCCCTACATCCTTCTCTGCCCTGCTTGCAGACCAATCCATT

>GBEQ2017 |Acc|BI961862|Ver|BI961862.1 GI:16320065|MON01\_7\_F01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:558



ATCAGAGGACTGCCTCGCAACTACTTCGTGCTGTTGCTGCTGACCGACGGTGCTGTGACAGATGTCGAGGC  
CACATGTGAGGCTGTGGTTCGTGCCTCCCACCTGCCATGTCACTGATCATCGTGGGTGTGGGCGGTGCT  
GACTTTGAGGCCATGGAGCAGCTGGACGCTGATGGTGGACCCCTGCGTACACGCTCTGGGAAGGCATCTG  
CCCGTGACATAGTGCAGTTTGTGCCCTACCGCCGCTTCCAGAATGCCCCCTCAGGAGGCATTGGCACAGAC  
TGTGCTCGCAGAAGTACCTGCACAAGTGGTCTCCTACTTCAAGGCCCAAGGTTGGGCCCCCTCAAGCCA  
CTTCCACCCCGAGCCAAGGGCCCTGCACAGTCCCCTCAGGCCTAGATTCCCCTGGAGGGTAAGCTGTGGC  
CAGTCCCTCAGCCCTGTATCCCCAGTGGTCCCTATGGGCCCCCTGCACACACTCCCCACTGCCAGCACTTT  
ATATTTTATACTTTTATACTTGTTCCTGCTATTTCTGCT  
>GBEQ2018 |Acc|BI961860|Ver|BI961860.1 GI:16320063|MONO1\_7\_E11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:653  
CTGCCTCAACAGACAGCCAACCTAAAGCTGTGGAATGTAGGGAACCATACCTGTCTACGTTCTTCAAGGG  
TCACATCAATGAAAAAACTTTGTAGGCCTCGCTTCCAATGGAGATTATATAGCTTGTGGAAGCGAGAAC  
AACTCTCTTTACCTGTACTATAAAGGACTTTCTAAGACTTTGCTAACTTTTAAAGTTTGATACGGTCAAAA  
GTGTTCTGGACAAAGACCGAAAAGATGATACAAATGAATTTGTTAGTGCCGTGTGTTGGAGGGCACT  
GCCAGATGGGGAGTCCAATGTGCTGATTGCTGCTAACAGTCAGGGTACAATTAAAGGTGCTGGAGTTGGTA  
TAAAGTGTTTTACTCAAGTTAAATTTGACTTGTATCCTGCTGAAATACATCTGCAGTTGACAATGAGAGAAG  
ACAGAGACTGTGCTGTGATGTTTCTCCCAAAGTCTCATGGGTTTTGGATTTGTTTGGAGTATTTTTTC  
TTTTCTTTTTTTTCCCCTCTGTGACCTTTGGGACATTGGGAATACCCAGTGAACCTCCACCATCAATG  
TAACTCCACAGACTTGTGCTGTTGGTGGTGTGTTATCTAATTTTTGTGATAGGGAACAAATTCCTTT  
TGAATAAAATAATAAAAAATA  
>GBEQ2019 |Acc|BI961854|Ver|BI961854.1 GI:16320057|MONO1\_7\_E01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:56:Stop:575  
GTCACCCGGGAAGCACCCGCGCATCTCGGCCATGTCTAAGGACACCAAGCTCATCGTGGTGGTGGGG  
ACCCGGTGACCAAGAGCCATCTCGGACTACACGCAGACTCTCTCCAAGCGGCCCGACATCCCCACCTTCGA  
GAGCTTGACGTTCAAAAACAGAACTACGGGCGTCATCGACACGCTCGTGGAGCGCCATCCAGATCGGCATC  
TACGCCAAGCACCTGGAGCACTGGCTGCGCCACTTCCCCATCGGCCAGATGCTCTTCGTGAGCGGCGAGC  
GGCTCATCAGCGACCCGCGCGAGCTGGGCCGCGTGCAGGACTTCTGGGCCCTCAAGAGGATCATCAC  
GGACAAGCACTTCTACTTCAACAAGACCAAGGGCTTCCCCTGCCTGAAGAAGGCCGAGGGCAGCAGCAAA  
CCCCACTGCCTGGGCAAGACCAAGGGCAGGACCCACCCCGAGATCGACCGCGAGGTGGTGCAGAGGCTGC  
GCGCCTTCTACCGGCCCTTCAACCTCAAGT  
>GBEQ2020 |Acc|BI961853|Ver|BI961853.1 GI:16320056|MONO1\_7\_D12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:583  
GCACGAGCAGCTCTCCTGCCACAGCCCTCATCCCTGAAAATGTATGCCTGCGCCAAGTTTGTCTCCAC  
CCCCCTCGGTGAGGAGCACTCTCAGCTGCTGAGCCGATCACTGTCTGCAGTGGTGTGAAACGACCCGAG  
ACACTGACAGATGAGACCCCTCAGCAGCTTGGCAGCCACCGTCCCTGACCTCACTTATTCCTAGCCGCG  
GCTTGCAAAACAGCGCCATTTCAAGGGACATCGACACAGCAGCCAAGTTTATTGGGGCTGGGGCTGCCAC  
AGTAGGGGTGGCCGGCTCTGGGGCTGGAATTGGGACTGTATTTGGGAGCCTCATCATTTGGTTATGCCAGG  
AACCCTTCTCTGAAGCAACAGCTCTTCTCCTACGCCATTCTGGGCTTTGCCCTCTCCGAGGCCATGGGGC  
TTTTTGCCTGATGGTGGCCTTTCTCATCCTCTTCGCCATGTGAAGAAGCCGTCTCCACCTCCCATAGTT  
CTTCTCCCGTGTCTCGTCTGCCCTGTGTGTTCTTTTCTTATACCTCCCCAGGCAGCCTGGGGAAAGTG  
GTGGCTCAGGGTTGACAGAAGGA  
>GBEQ2021 |Acc|BI961850|Ver|BI961850.1 GI:16320053|MONO1\_7\_D09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:123:Stop:703  
TCCTAATGTCAGAGCTTTTCTGCATTATTTGAAGTTTGGGGCTGGGGAGAAACAGTAGTCAAAGCTTTC  
TGAGTTGGGATGCTTTGACATTCTAAGTGTAGATTTTGAATGTCAATTTATAAATGGCAGTTTGTGGA  
AATACCTGATTAAGAACTTTTGAATGAGATTAGTATCACTATTTTAAAGCTGCTTTGTTAGGTTTC  
CTTATGTTTTAACTGTCTTAGTTTCCATTTCATTTCTTTTTTTCTAATTTTGGTAACTTAGTGATTTT  
GTCATTTTTTACATCACTTCATGGTCTTGTTTTTTACATGGTATTGCATGTATTTAGGACCTATCTAACA  
GGGGCTTTAAATAAATTTGGTCATATTTATGTGTAAGCACATTTTACTGTAAATGTTTGGATTTCTGAAT  
TTACAACAGATCTGTTTATTTTCACTATGTGGTAAACATATCTTAAAGTGTCTTATTCACACTTGTGTA  
ATTAAAAAGTTATGATTAATATGAACTGTTGTCTTACTATTTTTAGAAAAGTGTGTTTTGAATGAATA  
GTAGTTGGATAAAGGAGATTT  
>GBEQ2022 |Acc|BI961849|Ver|BI961849.1 GI:16320052|MONO1\_7\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:28:Stop:548  
TTCTTGGGTTTGGACAATGACGGCAAAACCACTCTTCTACATATGCTCAAAGATGACAGATTGGGCCAGC  
ATGTTCCAACATTGCACTCCGACATCAGAAGAGCTGACAATTTGCTGGAATGACTTTTACAACCTTTGATCT  
TGGTGGGCATGAGCAAGCACGTCGGGTTTGGAAAAATTACCTCCCCGCCATTATGGGATTGTCTTTCTG

GTGGACTGTGCAGACCATCCTCGCCTCATGGAATCCAAAGTTGAGCTTAATGCGTTAATGACTGATGAGA  
CAATATCCAATGTGCCAATCCTTATTTTGGGTAACAAAATTGACAGAACAGATGCAATCAGTGAAGAAAA  
ACTCCGTGAGATTTTTTGGGCTTTATGGACAGACCACAGGAAAGGGTAATGTGACCCTGAAGGAACCTGAAT  
GCCCCCCCCATGGAAGTGTTCATGTGCAGTGTGCTCAAGAGGCAAGGCTACGGCGAGGGCTTCCGCTGGC  
TCTCCCCAGTATATTGACTGATGTTGGACAG  
>GBEQ2023 |Acc|BI961842|Ver|BI961842.1 GI:16320045|MON01\_7\_D01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:96:Stop:631  
AAATTGCCTTCCCGGGAAGCATTTCCAGATGATCTCAGGGTTCTTGCGCCCTTCCAGCTCTCAGTGGC  
CCGTGATGCTACCAAGAATAGAGTGGGCTTCCTCAAGGAGGTGGGCTCCCCCTGGCTACCGAGGTGAACGC  
ATCAATCAGCTCATCCGGCAGCTGAACTAAACCCAGAATATCTGAAAGCACAATGCGTTGGAAGCGTGTG  
TTTTTGTTCCTTGAATTGTTACCCAGTATCTTCAAAGAAGATTATTTCTGCTATATCTTCAGCAACTG  
GAGGGAAGGGTCAGGGAGAGGATGGCGATGGTCTCGGCAGGCGCTTCTCCTCAGAGTCCGGTTCCAAGG  
AAAAGTTCCTGTGTGTTTCCAGTTGGCCGCCACTGGCACCTCTGAAATCAGCAAACGACTCACGCCGTGG  
AGGAGGGAGTCCCTGCTTTGTACATCTTCTTCCGGGGGCTTAATGTTGGTGAATGAATATCAGACAGCA  
GTGGACCAAGTCCAGGGGCATATGAACTGGGGGTTCTTAGGGCTT  
>GBEQ2024 |Acc|BI961840|Ver|BI961840.1 GI:16320043|MON01\_7\_C11.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:708  
CATTGAAGGTGATGTTGTGAAATGCTATTGGGGCAAAGAACTCTTGATATGATAAATCCCGTGCAACAG  
CAGAATCAAATGGATATCCACAAGCTTATGGCCAGTGGGGCCAGTGGTATGGAATGCACAACAAATTG  
GCCAGTATATGCCCTAATGGTTGGCAAGTACCTGCATATGGAATGTATGGCCAGGCGTGAACCAACAGGG  
ATTTAATCAGACACAGTCTTCTGCACCATGGATGGGACCAAATACGGAGTGCAGCCACCTCCAGGACAA  
AATGGCAGCATGTTGCCTAATCAGCCTGCAGGGTATCGAGTGGCAGGGTATGAAACCCAGTGAAAAAGGA  
CTCCAGAATCTAAAGCCAGTGGCTTGAGGCTACAGGGAGTGTAGTAAAGCCGTTGTTTACTTAAAGATTT  
ATCAAATCAGTCAGTGCAAAATGTCAGATACAATGTATTTATTTAAAGATTTCATTTTTTAATCATGAAAT  
TACTTATCATCCACGTTGTTTTAAAGAAACAAGATGCTGGATGTCTGCCAATTTTTGCCTTCATTACC  
TTTTTTGATAAAGTTTCTCAGATCCTTGTTCAAATACAAATGCAGGGATTGCTGCCACTTTTTTTAAAT  
TAAGAGGCAGAAAATTGCACAATGTTGACTTTTTTCCACTAAGGTAGTGTGCAGTTCTAGTTTGCAATT  
>GBEQ2025 |Acc|BI961838|Ver|BI961838.1 GI:16320041|MON01\_7\_C09.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:519  
TCTCCCGCATGCAGTACGCCCAAACACTCAGGTGGAGATTCTGCCCCAGGGCCGCGAGAGTCCCATCTT  
CAAGCAATTCCTTCAAGAACTGGAAATGAGGGTGGGTGTCTGCTCTGCCTAACCTGCTTGCTCCTCCTCCGGC  
TGCTTGGTCAGTGCCTAAGGAGCACC CGCGGATGTTCAATAAAGGAGACAAGTGTCTCCCGCTCTCTGCC  
TGCACTGCCTGCGCTGAGCTAATCCTCACTGCCCGCTATTCCCCCGGCTCATCCCCAGGCTGGGGTGG  
AGGAGGACCCGGTGACAAATCCCTTCTCCAGGGGGCCAGAGCTGGCTTCGCATGTAGAGGCAGAGGGGCC  
AGGAGCCCCAGCAGGCTTGGCAGTGTGCTGTGTAACCAACAGGAGGTGGCACAGTGCCAGGCCTCAGG  
ATCACTTTCACCAAGGTTTCAGTTCAGTCTCACATTCCCACGGGGAGAACGTTGTGGCAACCGGCTTGGG  
ATGCATCTCCGTTCAAACAGGCTTC  
>GBEQ2026 |Acc|BI961835|Ver|BI961835.1 GI:16320038|MON01\_7\_C05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:83:Stop:543  
TGTGCTGAGGCATACCCAGGGCCGGGTACCAGAGAGCTCTGCGTAAATATGCAGAGTGCCAGGAGCAG  
GGTGTGGAGTACGTGCCCCCTGCCTCCTGCACAAGAGGAGGAGGAGGGAAGGCCAGGTGGACAGTGACG  
GCCAACCCTCGCCCCAGAGAAGCCTTCTGGGAACCTGAGTCCAGTGTGAGGATGTTGCAGCCCCAAGTGA  
CAGTGAAGACAGCATGACAGACCTGTACCCACCCGAGCTGTTTACCAGAAAGAACGTGGGAGGGACTGAG  
CACGGAGACAACACTGATGACTTTTTCAGAGATGAGGATAAGAACCCAGGCACCCAAGAGAGAAGGAGG  
ACAGAGAGGAGATGGAAGTGGACCGGGAGCCGTCCTCAAGCGCCGGAAGAAGCAGTTGCGCTCCTCCAA  
GAAGTTCAAGAGTCATCACTGCAAACCGAGGAGCTTCAGAT  
>GBEQ2027 |Acc|BI961825|Ver|BI961825.1 GI:16320028|MON01\_7\_B01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:521  
AGCGGACCAGGTTCAAGGCATTTGTTGCCATCGGGGATTACAATGGACATGTCGGTCTGGGTGTGAAGTG  
CTCCAAGGAGGTAGCTACTGCCATCCGTGGGGCCATCATCCTTGCCAAGCTCTCCATTGTCCCCGTGCGA  
CGAGGCTACTGGGGGAACAAGATTGGCAAGCCCCATACTGTTCTTGCAGAGGTGACAGGTGCGTGTGGCT  
CTGTGCTGTGCGCCTCATCCCTGCCCCAGAGGACTTGGCATTGTGTGACGCCCCGTGTGCCAAGAAGCT  
CTTGATGATGGCTGGTATTGACGACTGCTACACCTCGGCCAGGGGCTGTACTGCCACCCTTGGCAACTTT  
GCTAAGGCCACCTTTGATGCCATCTCTAAGACCTACAGCTATCTACCCCCGACCTCTGGAAAGAGACCG  
TGTTACCAAGTCTCCCTATCAGGAGTTCACCTGACCATCTTGTAAGCTTCACACCAGAGTCTCCGTGCA  
GAGACCCAGGCTCCAGCTGTGGCTACCAC  
>GBEQ2028 |Acc|BI961824|Ver|BI961824.1 GI:16320027|MON01\_7\_A12.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:5:Stop:669

ACACATGAAGTGAAGATCTTTGAACAGGTATTAAATCTATGTAAGTATTCAAACTAGTTGAGGGTTAAA  
ACTGTTTGCTTTTATAAAATATCTTTGATTACATGAGTATAATAAATTTGTGTGCATATAAATGTGTGTCT  
ATATGCTTTTCTTTAAATATGTTTGAAGATGTTTGAACCTTGATTATACTATTTATAAATTGGCACAGT  
ACTTTGAATTATGCCAGTACTACATTGTAAACAGAGTTGTATTTTTTGATATTTAACAATGCTTAACAC  
TTTAAATGCCACTTCTGAGGAATGAACATGGTCTAACACACTTGAATATGTGTGATGCCAACTTTTTT  
AAATAAAATATAAAGATATGCTTATTTATTATTTCTTTGGTTTAAATCTTGGTCATGTTTTGGTGTGATT  
TTTAAATTTTTTCTTAAAGTAACACTTTGGCATGAATATTAATGCAGGTTTTGATGAATTATAATGAATG  
TATGGAATTCAACTGAATTTGCATGGTCTTAAGAATTTTTTCTGTGTGTATAAATTTAGCTGCTATTAAC  
AGAAGAGAGAATTTTCTGTGGGTAGCTATGTGCGTTGATCAGATACAGTTTTTCTGAGATCTTCAATTAA  
TCTTACTTTTAAATGACCAAAACATTCTTTCTTG

>GBEQ2029 |Acc|BI961823|Ver|BI961823.1 GI:16320026|MON01\_7\_A11.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:105:Stop:662

ACATTAACAGAAGATGAATTTGCTACTATTCTTAAATCTACTTTGAAAGGACTAGAATATTTACACTTTA  
TGAGAAAAATACACAGAGATATAAAGCTGGAAATATTCTCCTTGATGTCCAGGATAGTTCTCCAGTAGA  
GGCAAGGCAGTAATAGCAACAGTACCCAGACAGGCCAGGCCCTTTTTCTCGTGCCGCTCGTGCCGAATTCG  
GCACGAGATCAATTAATACAGCAGGAGGGAGCCTTCCAGAGGAATAGCCAGCACTGAGAATTTCCACTC  
TTGTCTGAGCTGACCAGTTTGGGGTGATTCTCTTTCTTTTTCAGAAGTCCTTTTGGATTGCAATGTGCTAC  
TGGTGTCTTAATTAATTAAGGATTTCTGAATTGATGTAAGTGGAAATATTTTAAATCTAAAGTT  
TTCAGGTTACTTGAATATTTTTTAAATTTAGCTTTATTTCTGCTATTTACCCCTTTCATTTTTGTATAT  
CAAGTTATTATACTTAAACTGTTATCTTGAACCTTTGTGAACCAACATTGCTGTATTTGCACCTTTGA

>GBEQ2030 |Acc|BI961820|Ver|BI961820.1 GI:16320023|MON01\_7\_A06.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:31:Stop:545

TCCTCTGGTCCCCGGCCTCTGCAGGGGCGCTGGCACTGAGGAACATTGCCGACACCTGCTTCAAGCT  
GCTGCTGCTGGCCCTGGTTCGCTTCAACTTCGTGGGGGCTTCATGCTGGAGAGTGTGCTGGACCACTGC  
CTCCCCGGCTGCCTGCTGCGCTCCGGCCCCAACGGGCTCTAAGAAGCGCTTCAAGCAGCTGGAGCAGG  
AGCTGGCTGAGCAGCCGTGGCCGCGCGGGCCGGGAGGTAATGCAGGCCCCATCCGGCATGCTGGAT  
GCTGGATCTCCCTGCCTCTGAGCCACCGACTGGGACCGCTCTCCAGAGACACCACCGCCGTCACCTCTGC  
ACCCCGGAGGTTGGCGGTTGTCACTCTCTGCTCCACGCTCTGCCAGGCCCCAGCCTTCCCTGCCCCCACC  
TGGGGAATGCTAAGTAGTGTGGTCCCCCACCTCGGACCATCCACGCAGCGACAGCAGCCACCAACCCC  
CTCAGCGCTGCTGTCAGGTAGCTAA

>GBEQ2031 |Acc|BI961818|Ver|BI961818.1 GI:16320021|MON01\_7\_A03.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:5:Stop:451

CTCCTGGCCAGCTTCTACACCAAGTATGATGCTGTTCACTTCTCATCAACACAGCCTCATTGCTCAGCG  
TACTGCTGCCTAAGTTGCCAGTTCCACGGGGTTCCTCTCTTTGGCATCAACAAATACTGAGGGATGGG  
GCTGGGGACGACGTTGGGAACAAAGGGCTATAACATCCTTCCCTTCTCCATGCTGTCTTCTCTATCTCAA  
AAGCCTGAGAACTATAACAACCTTTCACAAACCTCCAGGAAGAGAAAAGATTAGAATAAAGCAGCTCCCTG  
GGCCAGCCCTGCTAGGAACAGGTTTCTTTGAATCAGGAAGACAGGTGAGGTAAGAGCCAAATCATTTCT  
CATCTGCAGCAGGAAGCCATGTTTGGGACGCTTGTGTTGGTGATTAAAGTTTTCCATAGCTTCCACCCCCA  
CCACCTTCCAGCTCTATTTTGTGTGT

>GBEQ2032 |Acc|BI961817|Ver|BI961817.1 GI:16320020|MON01\_7\_A01.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:61:Stop:573

CATCTTTTGCCTTGTTCATGGTCATCTGGATCATCTTTTACACTGCCATCCACTATGACTGATGGTGTAC  
AGGCCCCACCTGCTCCCTGTCCAGTCCAAAGGACCCTTACTTACAGCACAGAAACATGATTGTAGGGG  
CAGCCAGCTGCATGGAACCTGGAAGACCCATGTTTCTGGACTGAGAATCAGTGTGTTGGGTGTCAGTG  
TTTTCTGCAAGGATTGTGACCTGAACTTTTAAAAAACCATCATCTTTTGGGGAACATTTCTGATTAT  
TCATCAACCAACATTTCTTCTTGGATACCATCATGAAACACCTGTTTGTGATTGGAGCTGTCGTTTAAT  
TTGATGCACCTCTGGATCCGGATGAAACATTAAATTTGTCTTCTCACTTCCGTCAGGTGTACAGTTTTTA  
AACTATCAGTGGCATTTCAGTCTTCTGAAACAGTATGGCAATATGTGTGTGGTCCAAANGCACAGTAC  
AAGCAGCATCTAATAACAGTTTC

>GBEQ2033 |Acc|BI961805|Ver|BI961805.1 GI:16320008|MON01\_4\_G12.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:86:Stop:703

CATACAGTGTCCAAAACCCAGCCAAAGACAGAGTTGGTATGAGGTAACCTTTGACATTTTGTAAAAG  
GCCATTTTGGGAAAAAAGAAAAAAGCTCGAGACTAGTTCTCTCTCGTGCCGAATTCGGCACGAG  
CGGCACGAGCAGCCTCTCCTACAGCGACAAGAACCCTCATTTGACTCCATGGACCAAGCAGCCTTTGCTGG  
CTTCTCCTTCTGTGAACCCCAAATTTGAGAGGCTCCTGGAAAAGTGAGGTTCCCGACATGCCGCCCAACC  
CATCCAGCCAGGGAGCCTGGGTGAGCCAGCATGGTCTGCCACCCAGCCAGACAGAGCAGGCTGGGGC

893

TAGCTGGAGGAGTTGAGATCTATAATGGGGATCGTAAGATAAAGGTGTGCAATACCCCTGGAGAGCCGGCT  
GGACCTCATAGCCCAGCAGATGATGCCAGAAGTGCGGGGAGCCTTGTGGTGCAAATGCCAACAGGAAG  
TTTTTGGACTAAGCCTTGGGAGCTGGAGCTCATCCACTGCTCCACTGCTGTGATGCGCAAGTTTCTGATA  
TTGGAAGAAACAAGATGATCTCTGTAGCTTCCACTTTGCTGTTCTAATATACTCTATTTATCAGTGAATG  
CCCTTCTGTAGCTAATGCTCTTGGCCTTGTGTTACCAAGTGGAGAAAGTTACGCTTGTATGATCAGGAAA  
CCTACCTCTAGCTTATCTAAAAGTAACACAGCTTCTGGCTGGTCTGCAGCCTGAGGGTGAGGGGTCAGA  
TAGTGGCTGCGTGAACGCTTCTCTGCTCCTCTCTGGTCTAGTTATCTAGTCTGGAGGGTGATGTGTCTGC  
TGTTTTCTGTGCCGCTAAGTCTCTGCTCTTAGGCTTCAAATGCATGTGGGGCGTGCAATCCTTCCAGCA  
GTAGTAGCTTCACTGTAGCTGTTTGGGCCCTAGAAATGTTCCCTTATTTGTAAATGTGATTTAAATCTAA  
GTGACAAGTATGCTTTATTTATTAACAAAAGGGTTT

>GBEQ2040 |Acc|BI961786|Ver|BI961786.1 GI:16319989|MONO1\_4\_E12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:14:Stop:608  
GCGGGCCACTGTCTGACCTGTGCTGGTGAATGGTGAATTCAGTTCCCTTGGGGCCTGTGAATGTGAATG  
ACAAAATCACGTTTAAAGTGAATGAGGACTACATCCTCAAGGGCAGCAATTGGAGCCAGTGCCTAGAGGA  
CCACACCTGGATGCCCTCCATTTCCCATCTGCAAAAGCAGACACTGTGGCCATCCCGGTATCCAGCTCAT  
GGCTGTTTTAAAGGAGAAGACTTCACCTCAGGATCTACCATAACTTACTACTGTCAAGAGAAGTACCACT  
TAGTGGGACACGGGACCAACAGTGCGTTGACGGGGAGTGGAGCAGCCCACTTCCAGTCTGTGAGTTGAT  
CCAAGAAGCTTCCAAACCAGCTCCACAGACCGAGTGCGAGAAGGCCTTGAGAGTGAGGAAGTTTGTAA  
GCCATAAAGAGCTATATGCAAAGATTACAGGAAAACGGCTTAACAATGGAGGATCTAAAATATTCTCTGG  
AAATGAAGAAAGCTGAGTTGAAGGCAAAATGTTGCCCTGACATTGTAGCTAAACCAACTGGGTAATTGA  
AATACACCTTTGAATAAATTTTTCTCTTGGTCTCTG

>GBEQ2041 |Acc|BI961774|Ver|BI961774.1 GI:16319977|MONO1\_4\_D10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:500  
GCACGAGTGCTGCTCGTGTGAATCCAGGGCAGTAGCCGGACATGGGGCTGGAGGACGAGCGAAAAATGC  
TGACCGGGTCCGGAGATCCCAAGGAGGAGGTAGAGGAGGAGGAGGAATTAGTGGATCCCTAACAACAGT  
GAGAGAGCAATCGGAGCAGACGGAGAAATGTGTAAGGCTCGGGAGCGGCTAGAGCTCTGTGATGAGCGT  
GTATCCTCCAGGTCACAGACAGAGGAGGATTCACAGAGGAGCTCTTTGACTTCTTGCAAGGAGGACC  
ACTGCGTGGCCACAACTCTTTAACAGCTTGAATAAATGTGCAGACTCATTACCTCAGCCTTCATCT  
CCTGGGCATCGGGATATTTCTTATGGTTTGAACATGCCATTTGTTTATTTGCGTACTGTAAGTTCATG  
TGAACCTCATGGATTTGGCTTAGGCCAGTAGCTTCTATGTAACAGGAGTGGTTCATCGTAATAAAGTC  
CCAGTGATCT

>GBEQ2042 |Acc|BI961761|Ver|BI961761.1 GI:16319964|MONO1\_4\_C06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:600  
GGGGAGAGCGGCTTGGCCGCTGCAGCCTCGTGGACCTCCATGGCACCGTGCTCTATGACAAGTTCATCC  
AGCCGGACGGGGAGATCGTTGACTACAGGACGCGGGTACGCGGCTCGGCACATGGAGAAAGC  
CACACCATTACCGAGGCCAGGCAGGAGATCCTGCAGCTCCTGAGAGGCAAGCTGGTGGTGGGTCACGAC  
CTGAAGCACGACTTCAAGGCCCTGAAAGAGAGCATGGACGGCTATGCCATCTACGACACGTCCACCGACA  
GGCTGCTGTGGCGCAAGGCCAACTGCAGAACTGCAGGCGGGTCTCCCTGCGGGTGCTCAGCGAGCGGCT  
GCTCGGGTGGCACATCCAGAACAGCAGGTCAGGACACAGCTCGGTGGAAGACGCCAGAGCAACCATGGAG  
CTCTACAAAATCTCCCGCAACTTCGAGAGGACTGAGGGCTGCTTGCCAGGCGGTGTGGGACCGAAGCTC  
CGTTCCGTCCTTTCCCCAGGGACTGGAGGCCTGGGTCTCTCGGGACAGGAACCTCGCTTTTGGAAA  
ATGCATCTTTAGCAATAAATGACTATATTTTGT

>GBEQ2043 |Acc|BI961759|Ver|BI961759.1 GI:16319962|MONO1\_4\_C04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:68:Stop:572  
AGTTCCCCCTTCAAGGAGCCAGAGAGGAGGCCATTAGCAAACAGCAGCTGGAAGCACAAGTATTTTGG  
TACCGCCAAAGCCCGCTATGACTTCTGCGCCCGGACCGATCAGAGCTGTCCCTCAAGGAGGGTGACATC  
ATCAAAATCCTTAATAAGAAGGGGCAACAAGGCTGGTGGCGAGGGAGATCTACGGCCGGGTTGGCTGGT  
TCCCTCCAATATGTGGAGGAAGATTATTCTGAATACTGCTGAGCTTCAGTACACTGGCAGAGAGGGA  
GAAACTCCAGGCTCTGAGCCAGGACGAGCAGGCAGCTGGACAGGGGCTGTGACAGGTCTTGGCAGGCT  
GAGAATCTGGGCTGGACTGTGGAGGGCCGGCATCCAGCTGGCAGGGCTCCTGGGGTGATGCCTTGTCTATG  
GTTAATTTATAACACACTGATTTCTTCTTGGGTCCCCGAGAAGCGGGGCTCAAGGCAACCGCTTTTAA  
TAAATGATGAATGG

>GBEQ2044 |Acc|BI961750|Ver|BI961750.1 GI:16319953|MONO1\_4\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:443  
GCACGAGCTCGTCCGCTCGTGCCGCTGGATCTTGGCAGATGAGCAGGATGTCCACATGCATGACCCCCG  
GCTGATACCCCTAAAACCATGACGTCAGACATTTTAAAGATGCAGCTCTACGTGGAAGAGCGGGCTCAT  
AAAAGCAGCTGAGGGTGTGCCTGCCACCCATGGATGCCACGACTGTCGGATGTTAGGGGCCCCAGCCAG

895



GGAACAATCAAAGCCATGTTGAGTGGCCAGGTCAGTTTGTGAGAACGAGACTAATGAAGTCAATTTTA  
 GAGAGATCCCTTCACATGTGTTGTCAAAGTATGCATGTATTTTACCTACAAGGTTTCGTACACTAACAG  
 CTCCACGGAGATTCTCGAATTCCTCAATTCACCTGAAATTGCACTGGAAGTCTGATGGCTGCGAACTTC  
 CTAGATTTTAAATAAAATAAATTATAA  
 >GBEQ2052 |Acc|BI961725|Ver|BI961725.1 GI:16319928|MONO1\_3\_G05.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:34:Stop:272  
 TCCGTCTGAGCCTCCCTTCCCTCACAATGTGCCTTTGGGGGCTGCCACAGCTGCCAGGCCTGTGCCAGC  
 CGTGCCCCCTTCCATGCAGCTTTAATGCCCCCTGATTCCGGGATGGGAGTTGAAGGCTCAGAATTGGC  
 CTGTCCCCCACCTTCTCCGTCTCCCATAGTGCCAGGGACTGGGCTCGGGCATCCCTGGCCATGAGG  
 AGGAGGGAGGGCTTCAGGATGGGGTGTCTG  
 >GBEQ2053 |Acc|BI961722|Ver|BI961722.1 GI:16319925|MONO1\_3\_G02.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:3:Stop:109  
 TCCCTACACAGACACATACCCACACACACAGACTGACTCTCTGTTTCTCATACCCCAAGGTCATGAG  
 TAAATGATGATCAGTTCTGTAAAGAAAATCTGGGGC  
 >GBEQ2054 |Acc|BI961719|Ver|BI961719.1 GI:16319922|MONO1\_3\_F11.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:28:Stop:655  
 TGGATTCTGTAAATACAGCCTGAGTATTCTGCTGCCAACGACACTGGCTTCTGGACATCCAGCAGCAG  
 GAGAAGTTCTTATGGAGGCAGTGGCAACGGTGGGGCCCATCTCTGCCGGGATCGATGCCAGCCTGGAAT  
 CCTTCCAGTTCTATAAAGAAGGCATTTATTTATGATCCGGACTGCAGCAGTAAATACCTGGATCAGCGCGT  
 TTTGGTGGTTGGCTATGGCTTTGAAGGAAAAGATTCAAGGAATAAATATTGGCTTGTCAAGAACAGCTGG  
 GGTGAAGATTGGGGCATGAATGGCTACATAAAGATGGCCAAAGACCGGGAAAACCACTGTGGAATTGCCA  
 CCATGGCCAGCTATCCTTCACTCGGGGGTGATAAAGGACTCGCTTGAGAACAGAATATCCAGAGGAGGGA  
 TTTTATCTTCAAACAGCAGACCTCATTGTGTGGAACAAAACACTTAAATCACTGAAGATCCAACTGT  
 GATTGGAATTTTGTACATTTTATGCTGGTAAATGTTACCCTTCTTTAATTACTGCTGTAAACAGCTT  
 TGTGTGATTGACTTGCCTAATAACTTTTGAATTTTCATGTTTTAAAGCATGTATGTAGTTATCTCTAA  
 >GBEQ2055 |Acc|BI961718|Ver|BI961718.1 GI:16319921|MONO1\_3\_F10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:487  
 GCACGAGGCAGAATGGAGGAGGTGCCTCAGACTGTCTTGGGGCCCGCAGCGCCAGGCGGGCCGAGGGA  
 CCTCATGCCAAGGGTGCCCAACCAGCGACTCTGCGCGTCCGGAGCCGGCGCCACGCTGACCCGGCCAT  
 AGAGGAAATCAAAGAGAAATGAAGACGGTGAAACACAAGATCTTGGTGTGTCTGGGAAAGGCGGCGTT  
 GGGAAAAGCACGTTTCAGGCGCCACCTCGCCACGGCTGGCGGAGGATGAAAACACGCAGCTCGTTGGCT  
 CCTGAGACCCCGGAGGACAGCGAGGAGGCACAGCACAGGTCAGCTGACCCGCTGGGCGACAGAGTGG  
 GAGCCCCGGGCGGAGAGGGAACAGACTCGGGCGTGGGGTGAAGTCACAGTTCCAGAGACACTTGAGTCAT  
 CTAAGATTTGTACACTTCTCTCGTAGAACATACGTAAAGGGCGTTCTTACATTCTGCCATTCA  
 >GBEQ2056 |Acc|BI961715|Ver|BI961715.1 GI:16319918|MONO1\_3\_F07.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:23:Stop:612  
 ACCTTCTCAGCCCACCATCCCCACAGTGGGCCTCATTGCTGGCCTGGTTTTCTTGCAGCTGTGGTCACT  
 GGGCTGTGGTGGCTGCAGCTGTGATCTGCAGGAGGAAGAGCTCAGGTGGAAAAGGAGGGAGCTACACTC  
 AGGCTGCAAGCAGTGACAGTGGCCAGGGCTCTGACGTCTCTCACGGATCCTAAAGTGTGAGCTGGCTT  
 CTCGGGGACTGAGTGATGCAAGATTTGTTACGCTCCCACTTTGTGGCTTCAAGAATCCCGTCTAGTTTT  
 TCTGCAACTGGCATCTGAGTGTGTCTTTGTTCTATTAGCATAATAAGAGGAGGTGGGAGACTGGCCCA  
 CTCCCCGCTGCCACCACGACCCGCCACACACTTACCTGTGTTCTTTGCCCTGATGACTTCCCTGTTT  
 CAGTGGAGGTGTGGCTGGGCGCTCTCCATCCCTGTCTCCACTTCTGTTGCACCAAGTAAATGATTG  
 CTTCTTGTGAAAATGTGAATCGAAATATAAATTTTTTTCGAATCTTGTGCATAAGGGATTGTTGTGTT  
 AATTAAAGGAGAAATTCCTAAAGTTGAGAG  
 >GBEQ2057 |Acc|BI961709|Ver|BI961709.1 GI:16319912|MONO1\_3\_F01.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:29:Stop:593  
 GGGCTTGGGTGCAGACATGGCCAAGTCCAAGAACACACAGCAGTCCCGAAAATGGCACAGA  
 AACGGCATCAAGAAACCTCGATCACAAGATATGAATCTCTTAAGGGGGTGGACCCCAAGTTCTTGAGGA  
 ACATGCGCTTTGCCAAGAAGCACACAAGAAGGGCTGAAGAAGATGCAGGCCAACAATGCCAAGGCCAT  
 GAGTGCACGTGCTGAGGCTATCAAGGCCCTAGTAAAGCCCAAGGAAGTCAAGCCCAAGATCCCAAGGGG  
 GGCAGCGCAAGCTCAATGACTTACCTACATGCTCACCCCAAGCTCGGGAAACGTGCTCGTGCCACCA  
 TTGCTAAGGGTCTCAGGCTCTGCCGGCCAAAGGCCAAGGCCAAGCTCTCAAACCAAGGCCAGGC  
 TGCGGCTGCAACTGCGGCTCAGGCTCAGGTTCCAGCTCCAGCTCCCAAGGTGCCAGGCCCCCAAGGAG  
 GCTCCAGAGTAGAGACCTCTGTCTGCCAGTGTGAGGACGGAAGGACTGGTGTGACCCCTGGGCTGGTGTCT  
 CTTCC  
 >GBEQ2058 |Acc|BI961708|Ver|BI961708.1 GI:16319911|MONO1\_3\_E12.g1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:4:Stop:589

CCCCCAGTCACCCATTGTCCGAGCCTTCTTTGGGTCCCAGAATAACTTCTGTGCCTTCAATCTGACATTT  
GGGGCTTCCACAGGCCCTGGCTACTGGGACCAACACTACCTCAGCTGGTCAATGCTCCTGGGTGTGGGCA  
CCCCTCCAGTAGATGCCTTGTCCTCCACTAGTCTAGGCATCATGGCGGTGGCCCTGGGTGCTCCAGGGCT  
CATGCTGCTGGCAGGAGGCCTGTTTATGCTGCTGGGCCACAAGCGGTACTCAGAATACCAGCGCATAAAT  
TGAGACCCACTCTCTAGAGGGAAGGACATTACTGGACCTGCCTTGCTGGCCTGAAGGTTTGAGGGTCAAT  
GTTCCCGGCCCGCTGCTCCCTTCTTGCTTTTATGCAGAACCTCAGAGACCAACCTCAACTTCTTGGGGAC  
CCCCAGGTGGAGCTTCCCTTCACTCTGGGGAGGGATGAGGGACAGGGTGAGTGCCTGGAGGAAGGGTCTT  
CCTGGGATTGCCCCCTACCCCTCCTTTCCCATTTGCCTCGAATGGGACTCAGAGGCCTAAATAAGAGG  
CCTTCTGACTGGTTGGCTGCCCTGGA

>GBEQ2059 |Acc|BI961683|Ver|BI961683.1 GI:16319886|MONO1\_3\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:698

AGATCTTTGTTGATAGCATCAGTGTGTGAAGCCACGAGCAGTACGTCAGATGACACGTGTTAACTTGGAC  
TAAATGTTAACAGTATATATGGACTCTGACAACCTTCTTAGAGAATCCGTGAATGTGAACAGATAAATG  
TGGCTAATCATTGATTCTTCACTACACCTTCTAGTGTGGCCATTTTATTTATTTGGAACCTTAAACCTG  
ATTCTCAAAGCATATAAAGCTGAAAGATTTTGTAAAGGGAGTGTCTTAGAATTAGATGAAAACCTGGAAA  
TAAAAAAACCATCACTAGTTGAGTCTTGATTTTTTTTCTTCCAGCAACTTAATGGGTAGAAAAAAATAT  
TTTAAAGAGAACTTATATTTTATTTCTGCATTTCCAGAAAGGGAGTTGATGAGGATAAAGATTTATTTT  
TTTAGGTCTTTATTAATGGAACCTTCTGTTTTCTAATGTGAATATTGCAGATGTTTATATAAGTGCTT  
ACATTAATAATGACATGAAGTGACTCAACATTTGTAACTCAGTGAAAACAGCAAATGTTTCTTTTATTTT  
TAAGACTATCATGCATTTCTAAAGCAATTGGCATTTTATAACCACAGGAAGTCATTTCCCTCTAGCAGTTT  
TTCTCTGTTCTCCTGTTCAGACCATTAATAGAACTTTTATAAATTAATAATCG

>GBEQ2060 |Acc|BI961682|Ver|BI961682.1 GI:16319885|MONO1\_3\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:455

GCCGGGGTGATGCTGACAGTCATGCCAGCATGAAGATTCTGCTCACCAGCAAGCCTGAGGACACCCACACA  
TGGTCGCCCGCAGCAGAGGCATGGTCCAGAACAGCTCCCCAGTCGTGCCACAGCAGTGGGGCCCTCCACT  
GTACCCCCAGAAGAATCCCCAGGCTCCAGTTTACCCAGTGACACTTCAGATGAGATCATGGACCTGCTAG  
TGCAGTCAGTGACCAAGAGCAGTCTCGCGCCTTAGCTGCTCGAGAACGCAAGCGTTCCCGTGGCAACCG  
CAAGTCTTTGAGGCGGACATTGAAGAGCGGGCTCGGAGAGGACCTGGTGCAGGCACTGGGACTGAGCAAG  
GGTTCGACCTGGAGGTGTGAAGGCGCTGCCTCCAGGACATCTATATGGGCCCCGGTATGCAGTGCAAGA  
GACTGTAGAGTGAGGAGGGACAGAGCAGAAG

>GBEQ2061 |Acc|BI961678|Ver|BI961678.1 GI:16319881|MONO1\_3\_B03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:34:Stop:660

ACAGAGAGCTGAGGACTGGTGAAGCACATTAACCTTATTTTTCATGATCATGTAAATTATTTTCCAGTGTA  
ACTTATTACCTATTATTATTTATATATTTATTTATCCATCAAATATAGTAATTATTTTTCATGAATT  
TGGAAAAGTGGGAAAGGACGCGTTGATAGGATAATGTAATGATGTAGAGTGAATTTATATTTATTTT  
TAAATATTAATTATGTTATATTACAGAAATTTTGATTTGCAAAATTAACAAAAAACAACAGGACCC  
CCAGTTAATTTTGATTTTCAATAAACAGTGAACATTTTTTTTAGTATGAGTACATCATTATTTATCTGAA  
ATCTTAAGTGAAGTGGCCATCTGCTTTTGAGACTCCTGGTGTGTCGGGTCTCTGCCAGCTCTGTTACG  
CAGTGTCTGTGCTGGATCACCAGACTCCTGAGTTAAGACTGTCTTTTCTCAAAACTGCAAAATTCACCAG  
GCAATATTAACAAAGTAATTTCTGCTGGTTAAACTTATTTATGATGTGCAATAGATTCTCATAATTT  
AAAAAGAAATATTGTGGTTTTTAACCTCTGACTTTTTTCTTTTCACTTTAAGATGGTTTTATGTGTCC

>GBEQ2062 |Acc|BI961674|Ver|BI961674.1 GI:16319877|MONO1\_3\_A10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:492

TCCCACCCCATCGTGACGCCACCATATCCCTCCATCTAGCCACCATTGCCACCAGGAGAACCCTACAT  
GCAGCCCATGGCCACCTACCCATCACAGGGTTGGGCTAGACCTGGTCCCTGCAATTAGTTTCTAGAA  
TCTTCCATGCTTCTGTGAGAGCCACCTTCCCCACACCTCAGTTCTCCTGACCTCAGATCCACAGTTTC  
CCACAAATCTGCCCGTGGAGCTGGCAGGTGTGGGGGTTTGTGGCTGGGGGCTGGAGGGCCCTGCT  
GATTGGTGGACCCCTTACCCCTTAGCCTCCTGAGAAATGCTTTCTGCCAGGGAGCTGGACAGTTTTCTG  
ACGCTTTTCCCGAGAAAGACTAGATTGCCTTTGTTTTGATGTTTGTGGCCTCAGAATTGATCATTTCTTA  
TCTAGCCCCAGGACCTGGGCTTCCCTTCTTCTCATCTCCACTCTCCAGCTCTTTGAAATAGTCTGTGTGA  
A

>GBEQ2063 |Acc|BI961673|Ver|BI961673.1 GI:16319876|MONO1\_3\_A09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:547

CCGCCTTCCGACGGCCGTTTCCACCGAGGAAAAGGAATCGTATCGTATGTCCGCTATCCAGAACCTCCAC  
TCTTTGACCCCTTCTGCTGATGCAAGTAAGGGTGATGATCTACTTCTGCTGGCACTGAGGATTATATCC  
ATATAAGAATTCAACAGAGAAACGGCAGGAAGACTCTTACTACCGTCCAAGGGATCGCTGATGATTACGA



TAAAAAGAACTAGTGAAGGCGTTTAAGAAGAAATTTGCCTGCAATGGTACTGTAATTGAGCATCCAGAA  
TATGGAGAAGTAATCACTACAGGGTGACCAGCGCAAGACATATGCCAGTTCCTGGTAGAGATTGGAC  
TGGCTAAGGAGGACCAGCTGAAGGTTTCATGGGTTTTAAGTGCTTTTGGCTCATTGAAGCTTAAGTGAGGA  
TTTCCTTGCAATGAGTAGAATTTCCCTTCTGTCCCTTGTACAAAGTTTAAAAACCTCACAGCTTGTATAA  
TGTAACCATTTGGGGTCTGCTTTTAACTTGACTAGTGTAACTCCTTCATGCAAA  
>GBEQ2064 |Acc|BI961671|Ver|BI961671.1 GI:16319874|MONO1\_3\_A06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:665  
GCACGAGCGGCACGAGATCGAGCGCTTCCAGCTTCCCGCCCTGCAGAGCATCCTGGCAGCGCCGGCCACC  
GCAGAGCTGGAGCCCTTGACCAACGGACAGGTGTGCGAGACTGACGAGGAAGACATGGGGATGACGTACG  
CAGAGCTCTCCGTCTACGGGAGACTCCGGAAGGTGGCCAAGACCGGGCCCTATAGCATGTTCTGCAGACT  
CCTCACCATGTGGGGCCACATCTGTACCCCGCGGCAGGTGGCTGAGAAGGTGAAGCGGTTTTCTCGAAG  
TACTCCGCGAACAGACACAAGATGACCACGCTCACGCCCGCCTACCACGCAGAGAGCTACAGCCCCGACG  
ACAACAGGTTTCGATCTGCGGCCATTTCTCTACCACACCGGCTGGCCGTGGCAGTTCCGGTGCATAGAAAA  
CCAGGTTCTCCAGCTCGAGCGGAGAGAGGCGCAGGACCTGGATGGCGTGGACTGACGTCGGGCCCTGCGT  
GGAGTGCTCCCTTCCCCCGAGGATCCACGTCACGTGGCCCTCGCTAGTGACCACCGGCGTGAGCCACTC  
CCTGCCAGACGGCGTGGTCAGCAAGTCTTGTTCATTTTAAAGGAGAGGGGATCTCCTCAGTCTTCA  
GTCTCGTTCTTTTAAACAATGGCGGAAATAAAGAG  
>GBEQ2065 |Acc|BI961664|Ver|BI961664.1 GI:16319867|MONO1\_2\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:463  
AATGGGGGCATGCTTTGATATTCTCTTACCCAAAGAACTCTTGATGCTGACAGTCATGCAGCCTGGGAGT  
GGGAAATCGTATTTTGTTCATCCTCCTTTTAGCAGTAAATACTTGAGGGAAAAGAGGGCAGTGA  
ATCATGGGAGTACCTGTGGTGGTTTGATAATTGCTGAAAAGTGATCCCCAGGTCTTGGGAGCTCTTGGAG  
ACCTGAACACATCAGTGGGATATCCATCACTTGTAGGAAGCTAGTAGGTTAATTACTATTTTATGTATAG  
CCTATATGGATTTTTTCTCTACATACCTAAGTAACTCACTGTAGGAATGGTCATTCTTACTCTTTTCAT  
TCAGATAAATTTTTCTTCTATCTAGGCACTGAAGGAATTTGTGAAACAATGTTAAGAACATTTTGGTAA  
TGCCAAAGAGTTGTTTAACTTCTTATAGGAAAGCTTGAGT  
>GBEQ2066 |Acc|BI961661|Ver|BI961661.1 GI:16319864|MONO1\_2\_G12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:690  
GCTGGAGTGAAGAGGAAAGAACTGATGTTCCAAAGTGGATCAGCATCATGACCGAGCGCAGTGTCTGTC  
ACCTCCAGAAAGTATTTGAAAGGTACAAGAGCTACAGCCCTTATGACATGTTGGAGAGCATCAAGAAGGA  
GGTCAAAGGAGACCTGGAAAATGCTTTCCTGAACCTGGTCCAGTGTATTGAGAACAAAGCCCTGTATTTT  
GCTGACCGACTGTACGACTCCATGAAGGGCAAGGGCACGCGGATAAGGTCTGATCAGAATCATGGTCT  
CCCGCAGTGAAGTGGACATGTTGAAAATTAGGTCTGAATTCAAGAGAAAGTACGGCAAGTCCCTGTACTA  
CTACATCCAGCAAGACCAAGGGCGACTACCAGAAGGCGCTGCTGTACCTGTGTGGTGGGGATGACTGA  
AGCCTGTCCGGCTCGAGGATCCAGGAGTCAGGCTTCTGTGCTTCTGCTTAACAGTTCTAGAAAAACAGCTT  
CGGACTAACAGCCCCCTTGTGCCATCCCTGTGAGGATGATGTTAGCCTTGTGCCCCCATCCTTATTTTA  
GATGCCTACGCGTTACCCGGCTTTCCTGTCTAGTCTCTCTTTTAGCCAAAGAAATGAACATTTCAAGGA  
GTTGGCAGTGAAATCTATGATGTGAAACACTTTGCCTCTTGTGTACTGTGTGCTGTAACA  
>GBEQ2067 |Acc|BI961651|Ver|BI961651.1 GI:16319854|MONO1\_2\_F08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:501  
CAATACACTGAAAAAATTTGCAACCAGGAAGAAATTTACAACTTCAACCTTTTCTACATGGATTTTGAC  
TTCCAAGGAATCATCAAGGAGTGGCAGAAGAGAGGCGGGCAGCCCTGGCAGCTTATTGAACCCGTGGATG  
GATTCACCCCAACGAGGTGGCTTCGCTGCTGTTGGCAGATGTCTTCTGGAAGAAGGTGCAGCTCCAGTG  
GCCCCAGGTTCTGGGAAAAGAGAATCCATTCAACTCTCAGATTGAAAAGGTGTTTGGAGACCAAGGCGGG  
CACTGAGTCCCTCAGGGACGTGCACTCCTGGGAGCACGGGGAGGCGGAAAGTTGGGTAAACTCACTCAAC  
AATAGTTACAGGCTGCCATGTACAGGCTCTTAGGACCTCCTAGGCAGCATCTTTGCAAAGTGGTTTTTC  
TCTCATTTTAGAGTGTATCTGAGTGTGATTCTGTGTGCTCCTGGGGTCAGTTCCTCTCCAATTGTCCCTC  
A  
>GBEQ2068 |Acc|BI961635|Ver|BI961635.1 GI:16319838|MONO1\_2\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:68:Stop:686  
CAGTTGTAAGCACAGACGATGATCTAGCTTGACTTCTGAGACAAGGCTTGACCTTTGAGGCTCAAACCAA  
TAACACCCCACTTCGGAACGGTAACCGAGCCAGCAGCTGAAGTCTCTTTCTCTCCTCCAGCCTGGAAGAAA  
TGTCAAGATATCTTTGCGTGGATCAAGCTTGTATACTTGACTGTTTTTATATTACTTTTGTAATATTC  
TGTCCACATTTCTACTTCAGCTTTGGATGTGGTTACCAAGTATCTGTAACCCCTGAATTTCTAGACAGTAT  
TGCCACCTCTGGCCAAATATGCACTTCCCTAGAAAGCCATATTCAGCAACGAAACTGTGCTGTAGTG  
TATACCACTGTACATATTTGATAGGCCATCTGTAAATATCCAGAGAACAACTACTATTCTTTAGCA  
CTTTGAAAAATTTCTATGTAAATTTATGTAACTTTTTCAATGGTTGGGACAATGGCAATAGGATAAAA

CGGGTTACTAAGATGAAATTGCCAAAAAATTTGTAACTAATTTTGTACGTATGAATGAAATCTTTGACC  
TCAATGGAGGTTTGCAAAGACTGAGTGTTCAAACTACTGTACATTTTTTTTCAAGTGAA  
>GBEQ2069 |Acc|BI961633|Ver|BI961633.1 GI:16319836|MONO1\_2\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:48:Stop:594  
CTTCTACTGGTGTGCTGCCAAGGCTGTGGGCAAGGTCATCCCTGAGCTGAATGGGAAGCTCACTGGCATGGC  
CTTCCGTGTCCCCACCCCTAACGTGTCAGTCGTGGATCTGACCTGCCGCCCTGGAGAAAGCTGCCAAATAC  
GATGAGATCAAGAAGGTGGTGAAGCAGGCATCGGAGGGCCCCCTCAAGGGCATCCTGGGCTACACTGAGG  
ACCAGGTTGTCTCCTGCGATTTTACAGTGACACCCACTCTTCCACCTTCGATGCTGGGGCTGGCATTGC  
CCTCAACGACCACTTTGTCAAGCTCATTTCTGGTATGACAATGAATTTGGCTACAGCAATAGGGTGGTG  
GACCTTATGGCCCATGGCCTCCAAGGAGTAAGAGCCCCCTGGACCACCAATCACCCAGCAAGAGAAGG  
AGAAAGGCCCTCAGCTGCTGGGAATGCTTGTCCCACTTGACCCCTAACATATTGAGAGTCTCCTGACC  
TCCACAGTTTCCATCTCAGACCCCCCTGAAGAAGGGGAGGGGCTTGGGGAGCCCTAC  
>GBEQ2070 |Acc|BI961612|Ver|BI961612.1 GI:16319815|MONO1\_2\_A11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:38:Stop:653  
TGATGCTAAGACTTTAATTGATAAAGCCAGAGTGGAGACACAGAACCATTGGTTCACCTATAATGAGACA  
ATGACAGTGGAGAGTGTAAACCCAGGCTGTGTCCAATCTGGCTCTGCAGTTTGGAGAAGAAGATGCAGATC  
CAGGTGCCATGTCTCGTCTTTTTGGAGTAGCACTGTTATTTGGAGGCGTTGATGAGAAAGGACCCAGCT  
GTTTCATATGGACCCATCTGGAACCTTTGTACAGTGTGATGCTCGAGCAATTGGCTCTGCTTCAGAGGGT  
GCCAGAGCTCCTTCCCAAGAAGTTTACCACAAGTCTATGACACTGAAAGAAGCCATCAAGTCTTCACCTCA  
TCATCCTCAAACAAGTAATGGAGGAGAAGCTGAATGCACTAACATAGAGCTAGCCACAGTGCAGCCTGG  
CCAGAATTTCCACATGTTTCAAAAGGAAGAACTTGAAGAGGTTATCAAGGACATTTAAGAAAGCGTGATC  
CTCAGAACTTCTCTGGGACAATTTCACTTCTCTGATTGCCCTTAACGTTTCTTTCCAGCTCCTGTTTCGT  
TGGAAATCTCCCAAGTGTATGTGCATTTTTTTATGATGTCTGTACATAAAGGCAGT  
>GBEQ2071 |Acc|BI961608|Ver|BI961608.1 GI:16319811|MONO1\_2\_A07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:194:Stop:461  
GGAAAGGCACCATTCCTGTGAGAGAGAAGGAGAAGAGAGATGGCCTTGAGAAGGAGAAGAGAGAAAAATA  
TAACCTGGAAAAGTATAGAGACAAGTCCAGTGACAAAGATAAGAACGAAAAATCTCTCCTTGAAAAATGTC  
AGAAGGAGAAAGAATTTGATAAATGTTTTAAAGAGAAAAAGATACTAAGGAAAAGCATAAAGATACACA  
TAGCAAAGACAAAGAAAGAAAAGCGTCTTTTGACCAAGTTAAAGAAAAAAGGAGAAG  
>GBEQ2072 |Acc|BI961607|Ver|BI961607.1 GI:16319810|MONO1\_2\_A06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:63:Stop:619  
CCCAGACAGGGGAAGGAAGTTGGCCCAGGTCACCCAGCAAGTCAGTGGTAGAGGGCATCTCTTCCCAACC  
GGGCAACTCCCCGAGCGGCACAGTGGTGTGAAGCCATGGATGTCGGGGTCCCCACCCCATGCCCTCCGC  
CTCCTAGCCATAACCTTCCCCGCTGACCTCATGGATCAACGTATTAACAAGACTAACCATGACGGATGGA  
CTGCTCCAGTCCCCCCTGCAAACTTGGGGGGCAGAGGGTCCCCCGACTGGCCACACTTGGGGG  
TTGTAGTGGCCTGTGTGGCCTCAGCCTTGTCTCCACCCACTGCCAAGTACCATGAGCCCTCCTCTGAGAC  
ATCAGTGTAGCCTCATTCCTGTCCCAGCATGTGACTGGTCACTCCCGGGGAGAAACTCCCCCTGCC  
AGAGCCCCAGCTCCATGGTGTGCCCTCGTCCCGGGTCGAGTAGGGGCCGCCCTGCCCGCCCGCCGTGC  
TGTCGTTCTGTGCTTTTGAAGCGTGTAAATTATGGAAGCCCTCGGGGTCCCCCTGCCCTCCCCAGGA  
>GBEQ2073 |Acc|BI961602|Ver|BI961602.1 GI:16319805|MONO1\_1\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:62:Stop:731  
TCTTCTCATGAGACAGGAATTATTTTAGTATTGTTACCTGGGGAATATGTTAGAGAATTTCTTACTCTT  
GACCTTGGGATACATATTAAGTTACATTGTATTAGAAACCTGGGTGTATCATAGAATATAGTGTATGGCC  
TATATGTGTAGAATGTATTCCCTTCTTTAGAATTTCTAAATGTTGAAGTTCTATAAGGACTAATATATTC  
TTTTCATATAACTTTAGACATTTGATGTCTTCTTAGTATGGCATAATGTCATGAATTACTATTAAACGT  
TGATTTTACATGGTATTTATTAACATTTTATCAGGAGTACTATAATTCTAGTCACTAAATATATGTTTT  
GGACAGATGAAGAAGCTAGGAAATAGGCAAAATTCCTTATTTCTAGTTTTATAGAAATACATCTCTTTAG  
TTTTTTAAGAATAACAGCAAAATGTAATAATGATCTATACTCTGAAAGTTTTGAAAACATATCCAGACTAT  
TTGAATATAAATTCATCATTAGTTTTTCAAAAAGTACATAGCATTGCTAATATTTGTAGACGCTTATGGT  
GTATCTTTCTAAAATTTTGACCATTTGTTATAAAGAGTTATATATGCATCACATTTACTATGTTAAAATT  
ACACTTTTAAATGTAATGTGTGTCATTGGTGAATTGTCTT  
>GBEQ2074 |Acc|BI961600|Ver|BI961600.1 GI:16319803|MONO1\_1\_H08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:561  
CAGCCTCCAGCTCTACTAAAGACATAACCAAGTGCAGGTGCAATCCAGCGAAGAAAGTCCAAGTAAACAAG  
CTGGACAGCGACTTGATACTTGTAATGTGTGTAATTTTACAAAGAGCAATTTTGAGCTGTGACTTTTT  
AAAATCCATTTCTGTACAGTTAGTCATTTTAAACAATGTGGCCCTTTTCTAGTCCCTGCAACCTGTTTCG  
TAAAGTGCAATGGGGAAGCAGAGTTGTTGAACCCCTTGGTGTGCAAGATGAAGTTCAAGGTTTCTAA

AATGTTACCATGTATTGAGAGGAGCTAATGCGATTATGTTATTAGTTTTTCACATTTCCCTAAGCAGCCTAG  
AGTACAGGGTGAGCATTTTTAGATCTTCTAATGATGTATTGTGCTGTGGAAGTACTGTGTGTGAATAGCA  
GTAGTGGGAGCAAAAGGAATCTTCTCATTGGAATGTTGTAAATAATTTTATATATAGTGTGTTGGAT  
GTATTTGTTGTAGAAATGGACCAGTGAATAAAGAGAATCTAAGGGTTTGTACAATGTGAAATACTG  
>GBEQ2075 |Acc|BI961594|Ver|BI961594.1 GI:16319797|MONO1\_1\_G11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:76:Stop:743  
CTATAAGCAGCTAGAAGCAGCCAGAAAAATTGGATTTTCACGTCTGTGCTGCTGGGTGGATGGCCAAGGGT  
AGAGTTGGATACCCCATTTGTGAAGCCAGGGCCCCAACTGTGGATTGGAATACTGGTATTATTGATTACG  
GAATCCGTCTCAATAGGAGTGAAGATGGGATGCCTACTGCTACAACCCACATGAGTTCAGATACATTTT  
ACTCTGGCAATACGTGTACGGAATCCCGGGAAGCATGTTCTTACTCAATTCTCAGCTTGCTCTTAGATGC  
AATGACATGTGCGTTGTTGAGGATGTGGTTAACCTGAACAGGACTGGGGACTGCCGAAGTACGATTGGGA  
TTTTATTGAAAACTATTGGAATGAAAAATCATACCAGTATCAGAAAAGTTAAGCAATGATTATTCATT  
AATCAAGGTCACCATGTTAGAGTTGATTGAATTAAGAAAGAAATAGTTTGGGGCTGGCCCCGTGGCCGAG  
TGGTTAAGTTTGCACGCTCCTCTGCAGGCAGCCAGTGTTCATTGGTTTGAATCCTGGGCGCGGACATG  
GCACTGCTCATCAAAACCGCTGAGGCAGCGTCCCACATGCCACAAGTGAAGGACCAACAACGAAGAAT  
ACACAACATATGTACCAGGGGGCTTTGGGAGAAAAAGGA  
>GBEQ2076 |Acc|BI961590|Ver|BI961590.1 GI:16319793|MONO1\_1\_G06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:729  
CAGACCTCAGAGTACTTTTAAATACTGCCAGAAATACGGAAGTGACAAAGTACGAGTGATAACGCTGG  
TGAAGAATCGTGGGAAAGGTGGAGCTATTAGGATGGGCATATTCAGTTCTCGAGGAGAAAAGATCCTTAT  
GGCAGATGCTGATGGAGCTACAAAGTTTCCCGATGTTGAGAAATAGAAAAGGGACTAAATGATCTACAG  
CCTTGGCCTGGTCAAATGGCTATTGCATGTGGATCTCGAGCTCATTTGAAAAAGAATCAATTGCTCAGC  
GTTCTTACTTCCGTACTCTTCTCATGTATGGGTTCCACTTTCTGGTGTGGTTTCTTTGTCAAAGGAAT  
CAGGGACACACAGTGTGGGTTCAAATTATTAAGTTCGAGAAGCAGCTTCGCGGACGTTTTTCATCGCTACAC  
ATTGAACGATGGGCATTTGACGTAGAAGTCTTTACATAGCACAGTTCTTTAAATTCATAGCAGAAA  
TTGCTGTCAACTGGACTGAAATTAAGGTTCTAAATTAGTTCCATTTTGGAGCTGGCTACAGATGGGCAA  
GGACCTGCTTTTATACGACTTCGATATCTGACTGGGGCCTGGAGGCTTCAACAACCCAGGAAAGTGAAT  
TAGCTTATTTGCCATCATTTGATTGTGTTCTTATGCATCCGTGTCATATTATTTTCAATTTGCAATTA  
>GBEQ2077 |Acc|BI961575|Ver|BI961575.1 GI:16319778|MONO1\_1\_E08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:619  
TGTGAGGACATTCTCATGAATTTCTGGTGCTGCTGTGACAAAATTGCCTCCAATCAAAGTGACCCAGA  
AGAAGCAGTATAAGGAGCAATGATGGGACAGACCCGGACCCTTTGCCAGCGACAGAGCTGCATGAAT  
ACGTTTGCCAGCTGGTTTGGCTACATGCCGCTGATCCACTCTCAGATGAGGCTCGACCCCGTCTCTTTA  
AAGACCGGTCTCTATTCTGAGGAAGAAATACCGAGACATTTAGCGACTTTGAGGAATCCAGCCAAGTGG  
GGGAGGGAGAGCGAGAGGACAGGGGTCAAGTGTCTCTCTTCCAGTGCGATCCGCTCAGCAGCGG  
GGCCAGATTGTGCCAAGTATCCAAATAAACTTAGATGGACAGAATGACAAAAACAAGAAAAGGCCAATG  
AGAACTCGACTCCTGGCTCCTGGGACCGCACGGGACTGCTCCAACTCACCTCACTGGCTTCTATGTCCC  
AAGACTAGGTTGTGTACAGTTTAATTTATGGAACATTAAATAATTATTTTGAATGATTGCTATGCAGGT  
TTAAACTTTTTTAAATGATCAAACTAT  
>GBEQ2078 |Acc|BI961571|Ver|BI961571.1 GI:16319774|MONO1\_1\_E02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:561  
ATCCTGGACCAATGCATCAGGAGGCTACCCTAGTGGGCCTGGTGCTACCCATCTCCTGGACAGCCAGG  
TGCTCCTGGAGCCTACCTGCTGCGGGGCCCTATGGCGTCCCTGCTGGACCACTGACTGTGCCTTATGAC  
CTGCCTTTGCTGGAGGAGTCAAGCCTCGCATGCTGATAACAATCTGGGCACAGTGAAGCCCAATCCAA  
ACAGGTTTGCTTTAAATTTCAACAGAGGGCATGATGTTGCCTTCCACTTTAACC CGCTTCAACGAGAA  
CAACAGGAGAGTCATTGTTTGAATACAAAGCAGGATAATGTCTGGGGAAGGGAAGAAAGACAGGCGGTT  
TTCCCATTTGAAAGTGGTAAACCATTTCAAAATACAAGTGTGTTGAAGCTGACCACTTCAAGGTTGCGG  
TCAATGATGCTCACTTGTGTCAGTACAATCATCGGATGAGAAATCTCAGAGAAATCAACACACTGAGCAT  
TTCTGGTGACATAATCTCACCCAGTGCT  
>GBEQ2079 |Acc|BI961570|Ver|BI961570.1 GI:16319773|MONO1\_1\_D12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:629  
CCATTCTCATCAATATTTGAAAGTAAATGATTTGTAAGCAAGACTTTTTCTTAGAATTGCATTTATAAT  
TTACAGATTGCCTTCTTGGGAACAAATATTTTTGTGTGAGCTGTCTAAAACCTCTCAGTTGAGTTTT  
GTGGTAAAAATATTGTTTGTGCTTGTGATCTTGTTAAGTTGATAGCAAACCCAGGCTACTTGATAGCAGTG  
GCAAAGCAGATTGTTTGGACAGGGGATAAAAGCCCCGAAACGAGAGGTGATATTGCTTAAAGATGTCC  
TTAACAATGCAATATGTTAGGACTGGCTATATGCTGATTGTATGCCAGGAAAACAATTAGACTCAAA  
TCAATGATCTCTCTTGTGGTAGTTATGGACATATCAAAGATTAAATTTGCTGTGTTTCTTGTGTTGAAA

GAACATATGTGTATGTGAAATCTTAAATGTTTTATTAGTCTACAGCTAATCAGTTTATTGTAATATTG  
TATGTATAGTGAGATCAATGTCTTGTTCATCCTTTGTGAATTAATAAATTTTCACTTGTTCATTAAT  
AACAAAACAGTAATATTTTCTGTCTTGACAGCTTGATTTTGTAGTAGAAAATATAATAAGACG  
>GBEQ2080 |Acc|BI961567|Ver|BI961567.1 GI:16319770|MONO1\_1\_D08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:45:Stop:632  
CCATTATACTAGACAGGTTGTGCGATTGCCAATTGCTGATGTTAATAACATCGGAAAGTATAGATCTGCA  
GGAGCATGTACAGCTGCAGCATTCCTGAAGGAATTTGTGACTCATCCTAAGTGGGCGCATTTAGACATAG  
CAGGAGTGATGACTAACAAAGATGAGATTCCGTATCTGCGTAAAGGCATGACCGGGAGGCCACGAGGAC  
CCTGATAGAGTTCTTCTCGGTTTCAGTCAAGACAAAGCTTAGTTTCAGATACTCTAAAATGCCTTCATTC  
TGTCTTAAGTGAGCTTTGGGGCTTCAAATATTTTTGAATGAATGGATGAAAATCTTTAAAGGAAACAA  
AGGATGAAATTTAAAGTGAATTTGTATGCTTTGTCTTTTCATTTTATGCAGAGACTTATTAAGATAAA  
ACTAATGGCTTGCTTGGCAAAGATTTTAAAGGTATTCTAAAAATGATGATTAATTTTTTAAAACTACCT  
AATCATTTTTTCAGAGTGATGTTTTTAATTGAGTGAAATTGTATTCGGATTTGTGATGCTAGGAACAA  
CTAAAAGTTACTATGCTGTGTCAGAAAC  
>GBEQ2081 |Acc|BI961566|Ver|BI961566.1 GI:16319769|MONO1\_1\_D07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:529  
CCAAGGACCTAGAGCCACGGGCTGCCAAGTGCCTCGGGTCTGGTGTGGCATAACGCGACAGAGAAGCC  
CAAGATGAAGCAAGAGGAGCAGCTACAGCGGCAGGGCCGAGGCTCAGATCCAGCCGTTGAGGTGTGATGG  
CGCCCCATCCCGCCCCCACCTCATCAGGCACAGAGCTGGGGGACTGAGCCTCTGGCCTGCCAGGATG  
TGGTTTTCCAAGTCTGACCCCTCAGAGCCAGGGGCGGGCCCTCTGCCCTTCAGCCCCAGGGCGTAGCC  
CAGCTGCTTCTCCCTCCCCAGCCTGCCATGTGGCACTGCCACAGGCTGGGGACAAGCGGCCCTTGTA  
TTGAGCCAGATTGGCCCTGTCTGGGGCGGAGCAAAAGGACAGAAAGACTCAGGAGGGAGGGCGCCTGAGT  
AACTGGGTAACCTTATTGAGCTGGGCATGCCTAGGGGGCTGGAGAGCTGGGCTGGACCTCCCCACCT  
GAGCATGCTGACCCCTTCTCTACCTCCAGA  
>GBEQ2082 |Acc|BI961564|Ver|BI961564.1 GI:16319767|MONO1\_1\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:714  
GTGGAGCAAAGCCATAATTTCCATTGCGGTAGTGCTCTGTGAGCGAAAAAATTCATTCTGCCATACGT  
CTTAAATTTAACCATATATGCTGGGTTACTTTAATATGCATAGACATATGCATAGTGAAGTTGAATCTAG  
TTTCACACTGGTCTTACTCCAGAGATGGGAGCCTGTGTGTTTGGAGAATTAGACAGGCACGCAAGGATGG  
ATGGTATTGTATCACCAAATTTAACGTGCACATGAATCGCCTGGAGATCTTGTTCAAATGCAGACCCTGA  
TTCAGGCAGCTGGGTGGGCTGAGAGTCTGCAATTTGTAACAGGCCCGGGGATGCCCATGCTGCTGGCG  
GGAAGATCCCACTCTGAGAAGCCAGGGTCTACAGCAGAGTTAAACAGAATAAAAACGAATAGGATTGTA  
TTTCTGACTCCTCTTCTCTCAAATTACCTGACTTTTTTATTTTTATGCACATGCTAATCAGATCGCTGC  
TGCAATAACAACAGTGCATCTAAAAAAGAAAAAGAGGAAAAAGATGCATCAAGCTTATTTGTCAA  
TACTCAGTATTTTATTTGTTATCTTGGCAATGGAATAAAATATGATATTGCAATTTAAATATATA  
TTTATACCTCATGTATATTTTACCTCAATTGTTGATATCAATCATCAATTGTAAATAAATAATTGCCAA  
AGCAAATAAA  
>GBEQ2083 |Acc|BI961561|Ver|BI961561.1 GI:16319764|MONO1\_1\_D01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:621  
TACTCATAAATATATGTATTTTATTTCCAGATCTCTTCCCAAGTTGCTGTTATAAAAGAGTATTCTGC  
TGAGTGTGGATATAGTTTTACAGCTTAAAGCAGATCTGGAGTCTGAAGTAGCTAAAGCAGCTATCAAAC  
GAGAAGTACATTCATAGCTGCAGAAACCATGATAGGTAGAGGACTTTCCTTTTTGGTTTTTGTTTTGTTT  
TGGTTTTTGGTTTTAAAGAGATTTTTATTACAAAGAAAAAATTCAGTGAATTCAGCAGATTTACTGG  
TGTCTACACCATCCTAAAGAAAACTTAACAGGTTTTTTTTTGGAGTAGAAAAAGTTATTAATTTGAGA  
TCTTAAATTGAAAAAAGAAAACCATTTGAGTGTCAAAGTTCTAAAGCAGAACTCATTTTGTGCAATG  
AACATAAGGAAAGACTACTGTATAGTTTTTTTTCTTCTTTTAAATGAAGAAAAGCTTGGCTTAA  
GGTTGCATATTTTATTTGGATAAATCTGAATGATCCTACTCCTTTGGAGTAAACCTTAGTGCTTACCG  
GTTTCCAATTGTATTTGCTTGGTTGGAATTTGAAAAATGATAACCTAAATAA  
>GBEQ2084 |Acc|BI961560|Ver|BI961560.1 GI:16319763|MONO1\_1\_C11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:691  
CTCTGTCTAGAACGCCGAAAAGGAGTGAAAACAAATTTGGGGAGATCACGCCATAAAAGTAATATATTTA  
AAGCCACCAACAGTGGGTTTTTGTAAAGAACAACTGGGTAACATTCGCCATGTTCTTTATTAAGT  
GGCCAGCGTTTCATGAAGGATAACATTTTTATACAGAAGGCAGTCAAGCTCAACCCAGAGCCATGGAGGC  
AAGTACCTTCATTAGTTTTATATAGTCAATGGGAATATATTTCTAGTGAATTCATTATGAAGCCAG  
GTCTCTCTCTCATTAGATCAAAAGGGACTCATGATATCACAGTCGAAAGTGTTTGCTCATAAATC  
AGTTATAAATATGGTGAATTTTTCTGGACCATAGGAATATTATTTCAAAGAAATATTACAACCTAACCA  
TTAAATTAGTACTTGAAGTTGAGCCTTCATGGTGGGACTTTTTTAAAAATGCCTTTTGAAGCATTAATG

GCTAATTGAAGTATCTTATGACCCCTCATTCAGGCCCAAGAGGATTGTCTTTAAGACTCCGTTTCTAAC  
 CCTTATGTTGCTGTGCGTGTCTGTCTGAGGGCAGTGGGCGTGGGCTTGCCCTCCTGCGAGCCGCTCTCATC  
 AGGCCGTGAGCCCTAGTCAGCTGTGGAGAGAATCATGCACATTTTAATCTTCCAAG  
 >GBEQ2085 |Acc|BI961559|Ver|BI961559.1 GI:16319762|MONO1\_1\_C10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:148:Stop:695  
 TGGCAGAAACACAGACAAATTGGGGAAGAGCTTCACGGAGGCAAGAGGGTAATGGAATGCCTAAAGAAAG  
 CTCTAAAAATAGCAAATCAGTGCATGGACCCCTCTCTACAAGTGCAACTTTTTATAGAAATCTGAACAG  
 ATATATCTATTTTTATGAAAAGGAAAATGATGCGGTCAACAATTCAGGTTTTGAACCAGCTGATCCAAAAG  
 ATTCGAGAAGACCTCCCAAATCTTGAGTCTAGTGAGGAGACAGAGCAGATTAACAAACATTTTCATAACA  
 CACTGGAGCATTTGCGCTTGAGGCGAGAGTCACCAGAATCTGAGGGGCCAATTTATGAAGGTCTCATCCT  
 TTA AAAAGGAAACAGGCTCACCGTCTCCTTACCATGTGCATCACAGTGAGGGTTTTATTGTGTTAAGT  
 TCCCCCTCCATAGATCGTGCTTTTCAGAAATGCTGAGGTAGGTTCCCATCTGACACCTGCGATGTGTTTT  
 ACCAAGACACCTCTGGACGCTCACCTTCAAGACCTTAATAAAGTTCTTCACTTCATAA  
 >GBEQ2086 |Acc|BI961557|Ver|BI961557.1 GI:16319760|MONO1\_1\_C08.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:5:Stop:586  
 AACGACGAGCACATCGAGGGCGGCCACTCCAACACCGACCGCCGTCGCGCCAGATAGTGATCCCGCCGC  
 CGGGCGAGGGCGCGCTGCTGCTGGCCTCGTACACGTGGTTCGGACGCGCGGCCACCTTCGCCGGCCTGAG  
 CGTGGAGGACGCGCTGCGCCTGGCGCTGGACGACGTGGCGCGCTGCACGGGCCCATCGCCTACCGCCTG  
 TGGGACGGCAGCGCATGGTCAAGCGCTGGGCGGAGGACCCGCACAGCCAGGGCGGCTTCGTGGTGGAGA  
 CGCCCAAGCTCTGGCGAGCGGAGGACGACGACGGGCGGACTACGACTGGGCGGTCCCTACGGCCGCAT  
 CTACTTCGCCGCGAGCACACGGCCTACCCGCACGGCTGGGTGGAGACGGCCGTCAAGTCGGCGCTGCGT  
 GCCGAGTGCTCATCAACAACCGCTCAACCGCGGAACGGGCAGACGCGCGGATGCCAGCCACCCCA  
 AGTCCGAGTGCGACTGGAAAAGGGGAGGAGCCCCACCATCCGGACCTACGTATTTTGACGCACCGTAC  
 GTGACCGACAAGAGACCCCAAC  
 >GBEQ2087 |Acc|BI961555|Ver|BI961555.1 GI:16319758|MONO1\_1\_C06.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:7:Stop:705  
 GTGAGGGGAGACTAGGGACAGATGAGTCTTGCTTTAATCATGATTCTTGCCACAAGAAGCTTTCCTCAGCT  
 GAAAGCTACCATGGAGGCTTATTCAGGATGGCTAATCGAGATTTGTTAAGCAGTGTTGGCCGTGAGTTT  
 TCTGGAAATGTTGAAAGTGGTTTGAAGACCATCTTGCACTGTGCCCTTAACCGCCCTGCCTTCTTTGCTG  
 AGAGGCTCTACTACTCTATGAAAGGTGCTGGCACAGATGACTCCACCCCTGGTCAGGATTGTGGTCACTCG  
 AAGTGAGATTGATCTTGTACAAATAAAGCAGATTTTCAGTCAGATGTATCAGAAGACCCTGGGCACAATG  
 ATTGCAAGTGACACGAGTGGAGATTACCGAAGGCTTCTTCTGGCCATTGTGGCCAGTAGGGGGGATTTT  
 TTAATGAATGAAGCTATTCAAGCTTATCCTTCAACACAATGACCTGCATGCAGCAATATCAACCATCA  
 ACCATCGCCTAACAAAAGAGCTTTTACCAAGGAGTGTGTCAGGGTATTGTGCTTGGTTTGCACATGGG  
 GTTATTGCTTAATTCGAATGTTATTTTTTCTCTATACAATTACTGTAAAGCCATATCATAATGATATAG  
 TAATAATGCAATGTTTTTAAAGCACAATTCTCAGTCTTATTCTAACCAGGATACAAAATGAAAAAA  
 >GBEQ2088 |Acc|BI961518|Ver|BI961518.1 GI:16319735|MONO1\_6\_H04.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:2:Stop:179  
 CCTGGACAGATGGGGCCAGGGGTGGGAGGCCCCACGGGCCAGGGCCAGTGTGGTTGTGGGGGCCGGGC  
 AGCCAGGGCACGTTGTTCCGGAGGCGCCGTCTGCTTCTCTGTGTTTCTAGCCATCTCGCCC  
 CGCCAGCCCGACCATCGGGAATCATGGTGAAGCCGA  
 >GBEQ2089 |Acc|BI961516|Ver|BI961516.1 GI:16319733|MONO1\_6\_H02.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:76:Stop:569  
 TCAAGGGCCATTTCCTCATAGGCCCCACAGGTGCTATTTGTTGTGCTGGCCAGGCG  
 TGGGGCTGCCAAGCGAAGGCTCGGCATACCGAAGGTGAGCTGCATGTCAATCAGTCTTGTCTCTCCCTTT  
 GCAGTGATCTGTTGGTTTTAATGCTGGATCAACAGTATGTTTTCTTTCCCAAAGTGGTGGTGGCTGGG  
 GACCTGACCCACAGCTCCCCATCCTGCCACCTCACCCACTTCTGCTCCCCCGTAAGTCTCTCTTGT  
 TTTAGTAATTTGAGTACCATCCCTTCCCTCTGTTGTCAGGGAACCTGGAGGAAAGGGAAAGATGTTGC  
 CATATTTCTACTTTTATGGCATGGACTCCCTCCTTTCCCTTTTATGTGCTGGGTCCCATGGACTCA  
 GGGATTTGTTGGTTGAGGTTTCTCTGCATATAAATATACATATATATTTAAATACATATATATATATGTA  
 CAGA  
 >GBEQ2090 |Acc|BI961513|Ver|BI961513.1 GI:16319730|MONO1\_6\_G10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:40:Stop:659  
 GAGCCAGGAGGAGCTGGCCCTGCAGCACTTCATGAAGGAGAAGCTCCTGGCCGAGCTGGAGGGGAAGCTG  
 CGTGTGTTTGAAGACATCGTCTGTCTCAACAAGGAGGTGGAGGCCTCCACCTGGCCCTGGCCGCCT  
 CCATCCACCAGAGCCAGCTGGACCGTGAGCACATCTGAGCCTGGAACAGCGGTGCTGGAGTTGCAGCA  
 GACCCTGGCCAGAAAGACAGGCCCTGGGCAAGCTGGAGCAGAGCCTCCGCTCATGGAGGAGGCCTCC

TTTGACGGCACCTTCTGTGGAAGATCACCAATGTCACCAGGCGGTGCCATGAGTCGGCCTGCGGCAGGA  
 CTGTCAGCCTCTTCTCCCCAGCTTCTTACACTGCCAAGTACGGCTACAACTGTGCTTGCCTGCGGCTCTATCT  
 GAATGGGGACGGGACGGGGAAGAGGACCCACCTCTCGCTCTTCATCGTGATCATGAGAGGAGAGGGGCAT  
 AAGCTCTCCTCTCTCCCTGCCTGGGGGTCCCAGTGTGAGCACTTTCCAGAATCTCATTTACCTGGTTCC  
 GCAAGGTACTCACTTCTCTAGTTGACTGATCAGGGCCTCTGAGCCCCTGAGCACAGGTTT  
 >GBEQ2091 |Acc|BI961538|Ver|BI961538.1 GI:16319727|MONO1\_6\_G06.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:8:Stop:647  
 AATGGTTTCTATCCAGGCCACATCGAAGTCAGGTGGCTCCGGAATGGCCAGGAAGAGGAGGCTGGAGTCA  
 TCTCCACAGGCCTGATCCATAATGGAGACTGGACCTTCCAGATCCTGGTGATGCTTGAGACAGTTCTCTCA  
 GAGTGGAGAGGTCTACGCCTGCCAAGTGGAGCACCCAAGCCGGACAAGCCCTGTACAGTGGAAATGGAGG  
 GCCCAGTCTGAATCTGCGCAGAGCAAGATGCTGAGTGGAGCCGGGGGCTTCGTGCTGGGTCTGCTCTTCC  
 TTGGGGCGGGGCTGTTTCATCCACCGCAGAAACAGAAAGGACATGCTGGACTTCAGCCAACAGGACTCCT  
 GAGCTGAAGTGAAGATGGGTGACCTTCAAGGAAGAATCTTATGCTCTTGCTTCCGAGAAGCATGAAAAAG  
 TTTCTGCTTGTGCTGAATTCACAAAAAGAGTGTCTTCTCAGGATCTGGTTTGTCTCTGGTTTCAGTGAT  
 CCGTAGAAAAATGTCTCCCCAACAGCTTCTCAGCCCCGGCCCTAGGCCTGGAAGTCCCCACTATAGAC  
 TGAAATACCTCATCTTCATTCTTTCTGGTCCCCTTTATATTCAAACCTTATGGCCTCCCTTGCATCTGG  
 ACTCACCTTT  
 >GBEQ2092 |Acc|BI961535|Ver|BI961535.1 GI:16319724|MONO1\_6\_G03.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:629  
 GCACGAGCAGAGACACAAGTGTCTACGACAAGAGCCAGTAAGAGAGCACCAGAAAGACAGCATCTCGTCT  
 GAACATGACTTCCAAGCTGGCTGTGGCTCTCTTGGCCGCTTCTCTGCTTTCTGCAGCTCTGTGTGAAGCT  
 CGGTTGTATCAAGAATTACTGCAGAGCTTCGGTGCCAGTGCATCAAGACGCACCTCCAAACCTTTCAATC  
 CCAAAGTATCAAGAAATGAGAGTGATTGAGAGTGGGCCACACTGCGAAAACCTCAGAAATCCTGTATTT  
 TGCTGTTGTTGCTAAATCTTGCAACCCTAGTCTGCTGCCAGGATCCATGAGTCCCTGTTCAACTAAGCC  
 TTGGTTTCTTCTTAACTCCTAACTGGAGAAAAGCATCAGCCACTATCCTCCCTCACAGAGAGCTGAGGA  
 CTGGTGAAGCACATTAACCTATTTTCATGATCATGTAAATTTATTTCCNAGTGTAACCTATTACCTAT  
 TTATTATTATATATTTATTTATCCATCAAATATAGTAATTATTTTGCATGAATTTGAAAAGTGGGAA  
 AGGAAGCACGGTTGATAGGATAATGTAATGATGTTAGAGTGAATTTATATTTATTTTAAATATTAAAT  
 >GBEQ2093 |Acc|BI961532|Ver|BI961532.1 GI:16319721|MONO1\_6\_F10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:4:Stop:647  
 AGCTAGGCTGTGGGTAGAGTGTGTATAGGTAAGTAACTAGATAACTTATGTTGGCTCAGATAAAGGCTTTAGG  
 ATGCCCGGAGTGTTTATGTCATAAGCCTTATGAGTTAGCTCTCTGCTAGCCCTGTTTGAATTAGCCACT  
 AATTCAAATTAGTAACAGTGGGGCTTAGTCAGTGTATCAGTTTCTGAGATGGGAGAGTAACAAGTGGG  
 GGTAAATTTTAAGGTATATGTCACCTCAATAAATTTATCAAGTCATCATTGACAGGTACCACTTAATCT  
 AATAAGTTGTTTACCTATTTATTTTACTAAGACTTTCTGGGATAATAGTAAAGGATATTAGATAATACAT  
 ATACTTAAGTATTTTACTAGTCTTTTCTCTAGGAAAAGGGATACCTCGATAGTTAAGACCAGAGGCC  
 CATTAAATGGGAAAGTACAGATGGGTTCATCCAAGACAGCCAACAGCAGACAGCAGACCCTTTGCCTTG  
 TCTCTAGTCCAGAGATATCCTTCGTTTGACATTTGGTGAATTCCTCTTGGGCTGCTAGAATTAGCAGCA  
 TATAGACAATTATAGCTGTTGTTCTTTTTGTTTCATTTTGGTTTTTGAACCTTAATCTTTGGGTACTT  
 AAAACTGGTTAAAA  
 >GBEQ2094 |Acc|BI961508|Ver|BI961508.1 GI:16319711|MONO1\_6\_E08.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:11:Stop:545  
 TCCCCGGGCAGGAAGAGCGGCACAGAAACATACCGAGGCACCACGAGCACCAAGCGGGCCTGAGCCTG  
 CAGCTTTTCCAGACTGAGGAGAAGATCGAGCAGACCCAGCGGGACATCCGGGGCATTCAGGAGGCCCTTG  
 CCCGCAACACAGGCCCGCACAGCGTGATGGTGGCCAGCTGCAGGAGAAGCTGGCGGGAGCCCGGCGGCA  
 GCTGGGACAGCTCCGGGCCAGGAGGCAGGCCTGCAGCAGGAGCAGAGGAAGGCAGACCCACAAGAAG  
 ATGACTGAGTTCTAGAGCCCCCTGCGCGCACACTGGCTGAGCCCAGAGACCCCTGCTCCCGGCTGCCTCAG  
 GAAGACCAGTGTGTCAGCAACAGGATGCCACCAGAAGAGGGGCTAGCCTCCACAGCTGGCCTGCTT  
 GCCAGCGGGGCGTGTGGACACTGCTGAGTGGAGATGGGCTGCAGGGATCACTCTGGACACTTACTTGCC  
 CGTCAAGTCCACCTGCCAGTGTCTGAGGGCATCTCCTGAGCAAGG  
 >GBEQ2095 |Acc|BI961500|Ver|BI961500.1 GI:16319703|MONO1\_6\_D09.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:31:Stop:630  
 ACTGTGTGCCAGTCATCCAGCGGACTTTCCCTCACTCAAGTGGGGAGCAGAGTGGCAGTGACACGGACAC  
 AGACAGCGGCTACGGAGGAGAATCAGAGAAGGGTGACTTGCGCGCGAGCAACCGTACTTCAAGAGCGAT  
 CATGGACGCAGGTTACCATGGGAGAAAGGATTGGTGCTATTAGCAAGAATCTGAAGAACCCCCACAA  
 AAAAGACGAGAATGTCAGTGTGAGAGGCACTTCACTGGCAGTGACCTGATGAGCTCCCCGTT  
 CCTGGGTCCACACCCGACACAGCCTCCCTTTGCTGCTTCTACCTGATCCCACCTCAGCAACTGCC



TACTTGGCCATGCTGGAGAAGTGTGGTACCCACCTCGGTCCCAGTGTGTACCCGGGCCCTCAACGCCT  
CCGCTGCAGCCCTCACCAGCTTCATGAACCCAGACAAGATCTCGCCCCCTTGCTCATGCCCCAGAGACT  
CCCTTCTCCCTTGGCCACCCATCCGGCCCTCGACTCTTCTGCCCTGCTCCAAGCTCTGAAGCAGATCCCC  
CCTTTAACTTAGAAACCAAAGACTAACTCTTTAGGGGAT  
>GBEQ2096 |Acc|BI961494|Ver|BI961494.1 GI:16319697|MONO1\_6\_D02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:503  
TCCACCTGGCCCCCAAGTGAGATCGCGGGAGCTGGTGCAGCCAGCATGTCTACCCTGACTGACAA  
GGCCATAGTGAAGAAGGAACTGCTGTATGATGTGGCCGGGAGGGACAAGTACCAGGTCAATAACAAACAC  
GATGACAAGTACTCGCCGCTGCCTCCCAGCAAAATCATCCAGCGGGCGGAGGAGCTGGTGGGGCAGGAGG  
TGCTGTACAAGCTGACCACTGAGAACTGCGAGCACTTTGTGAACGAGCTGCGCTACGGAGTGCCCCGAG  
CGACCAGGTGAGAGACGCCATCATGGCAGCTGGCATCGCAGGAGTGGGCCTGGCAGCTGTGGGCCTCATT  
GGAGTCTTGTTCCTCAAGAAACAAGCGACAAAAGCAATAAGTTGAAGGGAGTGTCTGTCTGCAATGACTT  
TATATATTAAGGGGGTGTCTTGTGTGGCTAGAAGCTTTGAGGTTTGGTTTGTGGATTTTCATTCTGTTTT  
AT  
>GBEQ2097 |Acc|BI961491|Ver|BI961491.1 GI:16319694|MONO1\_6\_C11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:36:Stop:716  
TGGCTCAGCCAGGTTTTCAGATGCAGTTTCCATCCCAGTCACCTGCTGCTTTGGTGTGGTCAAGAAAAA  
AGTCCCCATCCAGAGGCTGGAGAGCTACACAAGAATCACCAGCAGCCAGTGTTCCAGGAAGCTGTGATC  
TTCAAGACCAAAGTGGACAAGGAGATCTGTGCTGACCCCAAGCAGAAGTGGGTCCAGGATACCATGAAGC  
GCCTGGACCAAAGATCCCAAACCCGAAGCCTTGAACCTTCACACCTGGCCTGAGAGACAGTCAGAGCCT  
GAGGAAAATCTTATTTATTTTCCCCCAGCCTTCTCTAGATGCAGAGTCATATTATTTTATTTTAAAAA  
GAGACACTTTGGTTAATAATTTAAAGCATACATTCTTAAATAATATTTATTTAAGTTATTGATGTT  
TTGACTTTGTCTGCCACGAATCCTCGCGAACGCACAATGCAAAATTTGGAGATGTGCTTTCTTTCTGAG  
AGCTCAGTGAAGCTCATGGCAAGATGGCGTCATTCTCCTTCCTGCCCTCCCTGTAACGTTGTGAGGTCCTC  
CCATGGATCATCGGAGCAAAACACTTGTACGTTCTTAGGAAATCGGTGCTCCTGAAGTCAAATGCGTGCT  
ATGGAGTGGTGTGTTGTTGAAATTAATGTTATAGATGACTATGGAATTTTCA  
>GBEQ2098 |Acc|BI961486|Ver|BI961486.1 GI:16319689|MONO1\_6\_C02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:572  
ATCAGAGCGCCACAGGGGGAGGTATGTACGGTCAGGATGTAGGAGTTAACTTTGTGAGATCCACTCTATG  
AGTTGGACCATGGTCTTGCCTAGGCAATTTGTCTACCATTTGTGTTTGAAGCCCCAAGGTGCTGATGT  
CAAAGTGTAAAGAGATATCAGTGTTCCTGTGTCTCCTCCTGCCAAATCTCAGAAGAGGTTGGGCTTCC  
ATGCCTGCATCTGTCTGGCTCCTCACCCGCCATGGCCCCAGGCCACAGAGTGGGAACCTACCCCTCCCT  
TATGTCAAGACATTTCTCTTACTCCTGCCATTCTTCTGGTGCTACTTCATGCAGGGGTGAGCGCAGCAGA  
GGATAATCTGGAGAGGTGTAGCAAGAAAAAGAAACATTGGAGCTGACTGTTCTTGGTAATTGATGA  
CCTACCAATTGCTACCAAGAAGGTTGGAGATGAGGAGGGCTTTGTATAAACCCATCCACCTCACCAAAA  
CTACAAAAGTATGCTGTTATGTTCCCTTCTGGAAGTTTCTGGTGCCATTTCTGAAGTGTACAAACCGTA  
TTTCCAAC  
>GBEQ2099 |Acc|BI961470|Ver|BI961470.1 GI:16319673|MONO1\_6\_A06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:579  
GTATATAAAATAAAAAGTCATACTGAGTTCGGGCGTATTTAATGATGATTATGGAGCCTTAGAGGTCTTT  
AATCATTTGGTTTCGGCTGCTTTTTGTACTTTGTTTAGGCTGGAACCGGTTTCACTTGCCCTTTGTCAACAA  
GACTGAGGACGGCTTTTCTCTGGACAATAACAAACAAAAGTCTGTAGGTCACTGCGCCATCTCAGCCAT  
AGTAGTTGCAGTTTGCTTCCATGTGATTCTGAAGCCTGGCCAATGGGATCCGGACAAAAGTAGGGACTGC  
AATGTGAACACCTCTTTGCTGCATTCTTTTCTTCGCTTACAAGAAAGGCCTGAATGGAGGACTTTTTTT  
ATGACCAGGAGCAGTTTTTAGGGGTCAAAGTGCTAATTTAATTAACCAACAGGCTACTTTTTTAATGGCT  
TTCATAACACTAACTGGCAAGATTACAGATCAACACATTTCAAATGGATAGAGACCTAGGACTCTGGAGG  
GTGGGGGATTGTTAAAAACAACCACACACATTCAAAGAAAGAAATTTGTATATATAACCATTTTAATCT  
TTTATAAAGTTTGA  
>GBEQ2100 |Acc|BI961467|Ver|BI961467.1 GI:16319670|MONO1\_5\_H12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:105:Stop:694  
AGGCTTGCCGTGAAGAGTTGAGATGGGGATATAAAGCACTAGAACAAGGCCTGGAGCGTTTAGGTATTC  
AGTAAATGATGTTATCATTTCCCTTAAAGAAGGTTGACTTAGGGTGTATGGGGTGAATCCCTTGGAGTG  
GTGCAGCGATGTCTTTAAAGGACAAGAAAAGTTTCCAGCTGCCGTCCTTTCCCACTAAGCAGGTGCTCG  
TGTTCTTATCCGTTTCAGTCCATCTGGGCAGCGGGATTTGGGTTGATGAGGAGAAAATGGCACCAGCTAC  
AAGTAACCCCAAGGAGACTCCAAGTACAGGAAGAACTTGGCAGTCATGATTTGGGGACAGATGTTCTGAA  
GAACAGAAGCGTCACAGGAGTTGCCACAAAAAAGAAAGATGCGATCCCTAAGCCCCCTCTCTCGCCT  
CACAACTCAGCATCGTCAGAGAGTGTGTGATGACAGAAATAGCACAAAGAACTGTGGATGAAACTGAAA

TTGCACAGAGACTCTCCAAAGTCAACAAGTACATCTGTGAAAAAATCATGGATATCAATAAATCCTGTAA  
 AAATGAAGAACGAAGGGAAGCAAAATACAA  
 >GBEQ2101 |Acc|BI961466|Ver|BI961466.1 GI:16319669|MONO1\_5\_H11.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:5:Stop:678  
 GCTGGGGGGCAACATGAAGAAGCTTGAGAACTGTAACACGAGTGGGAATTGGGGAAGAATCAAGCTAAG  
 TTTTCCCTGGTTGGCATTGCTGGACAAGATCTCAATGAAGGGAACCGCACCCCTGACATTGGCCTTGATCT  
 GGCAGCTAATGAGAAGGTACACGCTGAATATTTCTGGAAGAAATTGGAGGTGGACAGAAGGTCAATGATGA  
 CATTATTGTCAACTGGGTGAATCAAACATTGAAAGAAGCGGAGAAAAAGTTCATCCATCTCTAGTTTCAAG  
 GACCCGAAGATCAGTACAAGCCTGCCTGTTCTGGATCTCATCGATGCCATTCAACCAGGTTCATTAACT  
 ATGACCTTCTGAAGACAGAAAACCTGGACGACGAAGAGAACTCAACAATGCAAAGTATGCCATCTCTAT  
 GGCCCGAAAAAATTGGAGCAAGAGTGTATGCCCTCCAGAAGACCTGGTGGAGTGAACCCCAAAATGGTC  
 ATGACGGTGTGTTGCTTGCCTCATGGGGAAGGCATGAAGAGGGTGTAAAGCCTGTGGGGCGGGGCTGGAG  
 GCGCATGCTCGTTCTGGCTGCTTGTTCCTGGCTGTTCTGGATGCTCCCAAGAAGCGCGGGGACGGTTC  
 AAGCCGTTCCAGAGTTTCAACTTGGTGACATTATACAAGATTC  
 >GBEQ2102 |Acc|BI961465|Ver|BI961465.1 GI:16319668|MONO1\_5\_H10.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:5:Stop:611  
 CCTGTCTGGGAGCGTGATGGGGAGGACTTGACNCAGGACACAGAGCTTGTGGAGACCAGGCCTTCTGG  
 GGACGGGACCTTCCAGAAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGATACACGTGCCAT  
 GTGCAGCACAAGGGGTGCCTGAGCCCGTGACCTGAGATGGGAGCCGCTCCTCAGTCCATCATCCCCA  
 TCATTGTCATCATTGCTGGCCTGGGTCTCCTTGGAGCTGTGGTGGCTGGAGCTGTGATCTGGAGGAAGAA  
 GCGCTCAGATGGAAGAGGAGGAGCTACACTCAGGCTGCAACTGAAACAGCTGCCTGTGGGGACAGAG  
 TGATGCAAGATTTGTTCTGTCCCACCTCATTGTGACTTAAGGAATCTCTGACTTCTGCTTCTGCAAAG  
 GCATCTGAGGGTGTCTGTGTTCTTATTAGCATAATATGAGGAGATAGGAAGACTAGTCTCTGCCGTGAC  
 CCCCTCCACACTGACCTGTGTTCTGTCCCCGATTGACTTTCCTGTTCCAGCAGACGTGGGGCTGGCTCC  
 ATCCTGTCTTTACTTCGTGTTGCCCTGAGCTGCAGCTTCTTCCTTC  
 >GBEQ2103 |Acc|BI961460|Ver|BI961460.1 GI:16319663|MONO1\_5\_H01.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:6:Stop:594  
 TTTTCAGGGTCTGAAATTTATAAAGAATGAAGTTATAAAATACTAAACAGCTTGGCTTTATTTTGAAGT  
 AATAATTACTTTAAATTTAAAGGATAAGCATTTAGAAGTAATAAAACAGTATCATGAAACTAGTTATTA  
 TAAATTCAATCCATATTTAAATATTTCTAAATAACTTATTTGGTATTTTTTCTACCAGACGAGTGGAAAT  
 TTCTTGATTATAGTTTATTTTTTATTTTTTAAATGGCCAATATGGTTATGAGTAAATTTGTATGGTCAA  
 TTTCTGTTCTTTTCAAAAACCTTGAGATTAAATAATTTTAACTGTAACCTAATATTGAAGTCTTTAAAAA  
 AAGGCAGATGTTAATTTAAATCAGCACATGCTAATTTAGTTTGTGTATGATGATAGTCTAATGGAAGT  
 TTCAAAAGCTTTCTTTTGTCTTAACCTCAGAAAAAGAAATATGCCAGAGTCTGGAATATGTCTTTAGCCAAG  
 AATTTTATCCACTTAAGTATGTTTACAATTTGTGTAAAGTGAAAAACAGTGTGTAATTATAGTGAGCAA  
 TGTAATTTTGCTCCGTATTATCGTGATAT  
 >GBEQ2104 |Acc|BI961459|Ver|BI961459.1 GI:16319662|MONO1\_5\_G12.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:50:Stop:675  
 ACCACCTGTGTGTCACCTGGCGTACCAGAAAACGTGTAAGCCTGGTCTCTGAGGGTCTGAAGAAAAAGCC  
 CACAGCAGAGTCTGCTTATGCTACACTGGGGCTTCCATGGAGCATGGAGCATAACGCTGCAGAAGACGAA  
 TCTATAAAAGTCATAGGATGGCAGTGCTGTGATTCATCAGGATGGTGTGTTGGAAGAACACTGAAGGCATC  
 GGAAGATTTTGATCAAAAATATGATTTGCAATATAGTGATAAGCCAAATCAGAAGTGTAGCCCCAAGTG  
 GCTAATATGCAATTAGGGTCATTATGTGTCTGTTTTAATCATGTATTTGAAGTAGGTTTAGGAAGTATTT  
 ATGCTATATCTTAAGTCACCGGGAAGCCTGTATAACCTCAAGTCTGACAGTGTCTGTGCTTCAAAGAGG  
 ATTCCACAAAACCTTCAGAAGCTTAAACCAAAGTTACTCTAAATCTGTGTGCTTTTCTCAAAGCTTTT  
 CCTATAAAACCAATGTACGCCATATGACAACCTCAGATGCATACCTACTTTGAAGTGGGGCAGTGGGGTGA  
 GATTCAAACCCCTACTACCTTTGGACATAGGAATAAAGTATGAAATAAAATCAAGGTTA  
 >GBEQ2105 |Acc|BI961458|Ver|BI961458.1 GI:16319661|MONO1\_5\_G11.g1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:13:Stop:669  
 GAACCACAGCATCTGGCAGCTGTTGCAGGCTGGGCAGCCTCCAGACCTGCAGCGGATCCGTACACTTCTG  
 GAGCTGGAGAGACTGAGCATCAAGAAAGTCGGATAAGGGGCCGGGCTTGCACAAGCGGCAGCGCGGC  
 GACAGCGGAAAGTAGACTGGGTAAAGAGTGTGAAGATCTTTTCAAGAAGAGCTGGAGTCAAAAAAGGC  
 CCGGAGCTCAGGGATTAAGCCTGAAGAGGGTCAAGAGGATGAAGAGTTTGAGGAGACAAATCATGAAAGT  
 ATATTCTCACACCCCTACAGACCATAGTGCCACCTTGAAGGGGAACCAAAATAGCTTACAACAGAAGG  
 GTTCAGGTCCCACAACCTTTTGTCTTTTAAACCCCTTTGCTACACCTGTCTACCTCAGCAGCAAGA  
 GTTGTGACAGCAGCAAAAAGTTTCTTTTAAATCCCACTGACCTGTTCCTGACCTTGTTCCTTCTATC  
 TAGAATTTGTGCTTTTCAAGTTTTGTATAGGCTAATTATTAAGGAAAATGTTTTAAGTTCAGCTCCTAAGG



ACAAGGTCATGTATGCCTCTTCCANAAAGTCTCTTGCCAGCAACATTACTGGATTAGTACACAATGAAT  
GATTTCTTAAGCCAGTTTCATTCTAGA  
>GBEQ2106 |Acc|BI961456|Ver|BI961456.1 GI:16319659|MONO1\_5\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:699  
AGAAGAACCAAAGCCCATAGAACTGCCTGTCAAAGAGGAAGAACCCCTGAAAAAAGCTGTTGATGTGGCA  
GCAGAGAAGAAAGTGGTAAAAATTACATCTGAAATACCGCAGACTGAGAGAATGCAGAAGAGAGCTGAAC  
GATTCGAATGTACCTGTGAGCTTGGAGAGTAAGAAAGCTGCCCGGGCAGCTAGATTTGGGATTTCTTCAGT  
TCCATCAAAAGGCCTGTCATCTGACACCAAGCCTATGGTTAACCTGGATAAGCTAAAGGAAAGAGCTCAA  
AGATTTGGTTTGAATGTCTCTTCAATCTCCAGAAAGTCTGAAGATGATGAGAAGCTGAAAAAGAGGAAGG  
AGCGATTTGGGATTGTTACAAGTTCAGCTGGAACAGGAACCACAGAGGATACAGAGGCAAGAAGAGGAA  
AAGAGCAGAGCGCTTTGGGATTGCCTGATGAAAAGCTCTTGATGCTTCTGTTCTTCAGTGGTTTCCATC  
TCTCTGACTCCTCTTGGTCACATACATACCTAAATGCACAGTCATGTGCCTAGGTCCTGCCTGGCAGTGA  
GGGAGCATGTACCCAGGTACATCCATGAACTCCAGCAGCAATTTGACATATTGCTGTTCAACTTAAAGG  
TTGTTATTGTTGTGTTGTTGTTTTTAAATTATTATTTTGCTTGTAAATAAAAAAATAGA  
>GBEQ2107 |Acc|BI961455|Ver|BI961455.1 GI:16319658|MONO1\_5\_G07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:264:Stop:581  
CTAGGAGAGGCAGGACCCCTTAGCAAAACACTTTTCTTGCCGACTTGCCATGTTTTTGCCAAAACAGGA  
ATTTGAAGGACTTGCCCATCTCCAGCGGGGGGTTCGGGACGTGGGGCGGCCATCTCGGGGGGCGCGCTC  
CTCCAGCCTCGTGCCTCGGGGGCTCTGCGGCAGCCCCACCGGGATGGCTTTGCTTTCCTTCCCTGTAGCC  
GGATTTTGA AAAATTTGTTAGTCTCGCCGAATCTGTTCCACAGTGGCCTTTCGCTCTGTGCCTCCTGAGA  
AATTCGTCTCTTTTTGTATAAATAACTAAGTGTGACA  
>GBEQ2108 |Acc|BI961453|Ver|BI961453.1 GI:16319656|MONO1\_5\_G05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:660  
CCTACACAGACACAGGATTGTGGGGAATCTATATGGTTTGTGAACAGCCACTGTTGCAGACATGCTACA  
TGTTGTGCAAAAAGAAATGGATGCGACTCTGTACTAGTGTCACTGAAAGTGAAGTTGCACGAGCCAAAAAT  
CTTCTGAAAACCAACATGTTGTTGCAACTCGATGGTTCCACTCCAATTTGTGAAGACATTGGTAGGCAAA  
TGTTATGCTATAATAGAGAATTTCCCATCCCTGAGCTTGAAGCAAGAATTGATGCTGTCACTGCTGAGAC  
AATCCGCGAAGTGTGCACCAATATATTTATGAGAAGAGTCCAGCTCTTGCTGCTGTGCGTCCCATTGAG  
CAACTACCAGAGTTTAAACAGATTTGCAGTAACATGCGCTGGCTTCGTGATTAAATGCTCCTAATGCTT  
TGAATATATATATTTATAAACTAACAGAGACTTGCAAGTTTAAAGCTATTAATCCCTAAAGAAAAAAT  
AAAAATGAACATATATATACTTAAAAATTTGAATGAAATAGTGTGAGACTTTCAGAGGATGAGGCGACCAC  
ACAGTGAACGGCAGATCTTTGTGCTCCAGAGAAATGATGTTGGAGCAGCACACAAATTTATCGCCATAAGT  
ATAATTTTAAAGAACGAAAATTTGTACAGT  
>GBEQ2109 |Acc|BI961451|Ver|BI961451.1 GI:16319654|MONO1\_5\_G02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:599  
AGCACCCAGGTGCTGGCTCAGCCAGATGCAATTAATTCTCCAGTCACCTGCTGCTATACATTACCGGTA  
AGAAGATCTCATCTCAGAGGCTGGGGAGCTATAAAAGAGTCACCAGCAGCAAGTGTCCCAAAGAAGCTGT  
GATCTTCAAGACCATATTGGCCAAGGAGATCTGTGCTGACCCCGAGCAGAAGTGGGTCCAGGATGCTGTG  
AAGCAGCTGGACAAGCCTACTCCAAAAGCCAAGAATCTGAAGCTAATTTATTGCTTCTAGCATTTCC  
TAAATGCCCCCTGATATTATTTTATTGTAGTTTCAAAGAGTATGAACCTTTGTTTATTGACATGAACTTG  
ATGCTTAAGTAGCGTTAATCTTATTTAAGTTATTGATGTTTAAAGTTTATCTTCCACGAATACTAGTGTC  
TGTGAGATATGGAGACTTGAGCAAACTGCTTTCCTCTGTGAACCCAGTTCTACCTTGGGATGGTGTG  
AGGTCCTTGCAAGGATCATTAAATGCAAAGCCTTTTTGTTTAAATTTATAAGACATTGCTAAAAACGCTA  
TTGGGAAATGTATATTATGATGTAACCTACGAA  
>GBEQ2110 |Acc|BI961447|Ver|BI961447.1 GI:16319650|MONO1\_5\_F07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:304  
AGGCTTTGTGTGCGGACGCTCCGTGGACCGCCAACAGCAGCGAAGGCTCCTGATATGAGCAGCTC  
TGAGGAATTTCCAGCTTTGGGGCTCAGGTGGCCCCCAAGACCCCTCCCTTGGGGCCCCAAACGATAATGA  
TCAAAAAGGAGAAACCTCTCCAGCCTGCTGACCCAAACCCACCACACAACGGTTTGTCTCAATCTGACCC  
AGCGGCTGGCCCCCTCCGTAAATTTGTTAGCGTCCCCCTCCCCGAGGTCTCGCAGTGAAGCCGGCCCCGCC  
GGCGCTGTGTGCGGCT  
>GBEQ2111 |Acc|BI961443|Ver|BI961443.1 GI:16319646|MONO1\_5\_F02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:31:Stop:611  
AGACTCTGCTAGAAGATGTGCTGAAACCTTGAAGAGGCATTGGACGATTGCCGTGGCCACACAAAGAAG  
CAGGTATGTGATGACATCAGCCGACGCTGGCTCTGCTGAGGAACAGTGGGCTGGAGGGAAGCTGTCAA  
CGCCTGTAAAGAAGAGGATGGCTCTGCTGGTGCAAGAGCTTTCAAGCCACCGTTGGGATGCAGCGGATGA  
CATCCACCGCTCACTCATGGTTGACCATGTGACTGAGGTCAGTCAGTGGATGGTGGGAGTTAAAGATTA

ATTGCGGAAAAGAGGAGCCTGTCTTCAGAGGAGACCAGTGAAGAGAAATCTACAGCCACAGCTGAGGAGC  
ACCAGACCGTACCAGGCATCCACAGGCTCCATAATCCTGTGGGTTCCCCAGACTCACCTCAAACCATCTC  
CTAGGCCCTTCTCCTTAGGCCTGGGAGGCCCTTCTCTAATTTGGCTCCCTCTTACCACTTTGGAGACTGTC  
TGCCCCATTGGGGTCTTTGGCTTGACCACTTCTGGGGGAAGAGGTCCACGTTGGGCCATAGGGAGGTCA  
CTTGTACCCAGAACGTAGCAT

>GBEQ2112 |Acc|BI961440|Ver|BI961440.1 GI:16319643|MONO1\_5\_E11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:120:Stop:624

CAACCGCTCTGCCTTGGGTTTTGTTTTGTTTTTTTTTTTTTCCATTTTTCTGGCTTGGTTGTGCACTTTTC  
TCCCCTTGGGACCGTGATATCTTGACCTCGTTGCCAAAAACAACCCATCAAGGACCTTCTTCCCCTCCA  
TTCTCGTTTTCTCCCCTCTTCCCCTCTGGTCTGGTCACTTCAGAGGATTGAACAATCACAAGTGTCTTG  
CAAAAATGCCAGACGAACACTTTCTTAGACCTTGTTGGATTTTTTTTTTCCCAGAAAACCTAAACAAGACTT  
ATTAAAGGAATATGTACAGCAACCCCTGTTTTCAGGCACTCTGTTTGAGAACATTTTAGCCATTGATGTT  
CACACATGGCATCAGCCCATGCAAGATAGGTTTCTGTATTATATATATAAATACAAAAAAAACCTTTAT  
AAAATGTTTAAAAAATGTTCAAAGCTGGGGGAAAAAGCTTTCTTCATTAGTCAAGGTGTTTTGATATGG  
TATTAAAAATAATGTC

>GBEQ2113 |Acc|BI961439|Ver|BI961439.1 GI:16319642|MONO1\_5\_E10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:600

TCAAGTTGGAGTAATGGACATGCTGAAGTTCATAAATATACCATGGTTCATGCCCTGGACCACCGATTAT  
GGGTGCTCGGACAGCGAACAACACTTCGACTGGCTTATCAAAATATCTCCACTGCACAACGTGAAGTTAC  
CAGACGCAGACGACATCCAGTACCCGTCATGCTTCTCCTCACTGCTGACCACGACGACCGCGTGGTCCC  
CCTTCACTCCCTGAAGTTCATTGCCACCCCTCAGTACATCGTGGGCCGTAGCCGGAAGCAGAGCAACCCC  
CTGCTTATCCACGTGGACACCAAGGCGGGCCACGGGGCCGGGAAGCCCACGGCCAAAGTGATAGAAGAAG  
TCTCAGATATGTTTGCCTTCATCGCACGGTGCCTGAACATCGACTGGATTGATTAATGGAACCTCCCGC  
TCCCCACGACAGCCGAGAAAACCTCAAGGGCTTTCCACCGTTAAACCGAGAAACCACTGGGCATCCT  
GCTCCCCACACAAACACTATTCTGCACTCATGGACTGCAGTTGAACGGAAGTCCACGGGAATTTTAT  
CTTTTTTAGGCTTCTCTTTTTTAGCGAGCC

>GBEQ2114 |Acc|BI961426|Ver|BI961426.1 GI:16319629|MONO1\_5\_D05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:738

CAAAGATAAGGGTACAGGACGTGAGCAGCAGATTGTGATCCAGTCTTCTGGTGGGTTAAGCAAAGATGAT  
ATTGAAAATATGGTTAAAAATGCAGAGAAGTATGCTGAGGAAGACCGCCGAAAGAAGGAACGAGTCAAG  
CAGTTAATATGGCTGAAGGAATCATTACGACACAGAAACCAAGATGGAAGAATTCAGGACCAATTGCC  
TGCTGATGAGTGCAACAAGCTGAAAGAAGAGATTTCCAAGATGAGAGAGCTCCTGGCTCGAAAAGATAGC  
GAAACCGGAGAAAACATAAGGCAGGCAGCATCTTCCCTTCAGCAGGCATCATTGAAGCTCTTCGAAATGG  
CGTACAAAAGATGGCATCTGAGCGAGAAGGCTCTGGAAGTTCCAGCACTGGGGAACAAAAGGAAGATCA  
GAAGGAGGAGAAAACAGTAACTAGCAGTAACCTTGAAGCTGAAAGGACAACATACTATGACGCTTGGGAGT  
GAAGGGACTTCTGAGCAGAAAGGGGCAAACTTCATCTTTTACTGTGTTTTTGCAGTATTCTATATATTA  
ATTCTTAATGTGTACATTTAGTGACAGTTAGCTAATGATCATTTAGTGATTGATAATTCCAGCAGTACA  
AAGTTCACATGTTCTGTTCCTAGCCTGTCTGTTTTTCAGCTGCATGTAAAAGGGACGGGAGATGACTTATT  
GATTATTAT

>GBEQ2115 |Acc|BI961422|Ver|BI961422.1 GI:16319625|MONO1\_5\_C12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:63:Stop:737

AAGAGGTGAAGCAAGGGGCATTTTCTAAACCGGGAGGTTATCATCTCTTTATTTCAGAAGAAACAGGAGCT  
GAAGAATAAGTACTACCAGTGCCCGAGGAAGGGGATACAGGCAGAGGACATGCTGAAGAAGTACTTTGGAA  
TCCAAGGAAGACGTGGCTGATGCGCTTCTCCGGACTGACCAGTCACTCTCAGAAAAGGAAAAGGAGATTG  
AAGTGAACGTATAAAGGCTGAATCTGCAGAAGCTGCAACGAAAATGTTGGAGGAAATCCAAAAGAAGAA  
TCAGCAGATGATGGAACAGAAAAGAAAGAGTTATCAGGAACACGTGAAACAATTGACTGAGAAGATGGAG  
AGAGATAGGGCCCGCTGCTGGCAGAGCAGGAGAGGACTCTCGCTCTTAAACTTCAGGAACAGGAACGAC  
TTCTCAAGGAAGGATTCCAGAAGCAGAGCAGGAACTTCAGCAGGAGATGCAGGCTATCCGAATGAGAAA  
CAGAGCACCAGCTGGAGTATGTACATACTCTAAAAATCCGAGGAATGTAATTTCTAACCATCTCTCCT  
CCACAGCAATAAGCTGAATGAGCAGCTTTAGAACAACAACAATTGCCAAAACTAACTTGAAATCAT  
GATGCTTCCATTTTGTGTTGACTATAAAATTTGCAAGATGAAAT

>GBEQ2116 |Acc|BI961418|Ver|BI961418.1 GI:16319621|MONO1\_5\_C08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:616

CCTAGTNTACAGCATGATGCAATGATTTTCTAACTTAGTGTTAGGAGAAATTTTCCATCTTTAACC  
TCTTAGTTGTCTAAGAGTTAAATATTACTGAATTTTTCAGACGTTCAAATTGATCATCACAAATCCTTTAAA  
ACAATTACCTAAAAGAAACCAAAAAACCTGCCTTCTTTGTTGGGGGGAGAGGGGGGAAGGAAATGGAAC  
AAGTTGTGTTTGTGTTAGCATGTGGGTGGTGTAACTTCAAATTTGGGAGATGTTCTGACCCCCACTCCCA

TATAAGCATTCAATCAGTGTAACTTGCAAAATGCATAAACATCCGACAGTTTGAATTTATAGTGTGATG  
GAAGAAATCATTTTAAATGTGTACTGTAAACTTGAAATCTCAGGAGCTGAGTGAATATGTTTGTGCT  
ACTTACAATCCCGACCTGTTAGTCCAGTAGTTTTGTTTTAACATGGTCTTTTTCACTTTGTTTCTGT  
TTAACTACAGACCGACTTCTGTTGTAGACTCACAAGTTTAACTGTTGTATTATAACAGTATTACATGTCA  
ACAGTGTGGTTATG

>GBEQ2117 |Acc|BI961414|Ver|BI961414.1 GI:16319617|MONO1\_5\_C03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:17:Stop:499  
GGAGCCGGCCCGGAGTACCGGGGTGATGCGGGCCGTGCCCTGGACACGGTGACCGGGCTGAGCGTGACC  
AGCGGGCGGGACCAGTGGTGGTGTGCTGCACGCGCGGGGCCAGGACGACCTGGTGGTGTGTCTACACCGCT  
CCCAGCCGCGCTGGACAACCGCGTGGGGAGCTGGTGGGCGTGCTGGCCGCGCACTGCCAGGTGGAGGG  
ACGTGCCCTGGAGTCCGCGTGTGCGACTGCATCCCCCTGAGCCAGCGCGGTGCCCGCGCTCGTGTCA  
GTGAGCTCAGGCCGGAACAGCCAGAGCCGATTTCCGCTGCAGCCGCGGCACCTTCACTCTCCTGTGGC  
CGAGCAGCTGAGCCGCGCTGTCTGTCTGGGTCTGTCCGCTGCACTAGTGCCTCCGGCTCCCCGAAGG  
GCGAAGGCCGAGGGCTCTGCATCCCTGCACACCCGCGCGGGGACGGCCAGCGCCCTGAGCAA

>GBEQ2118 |Acc|BI961413|Ver|BI961413.1 GI:16319616|MONO1\_5\_C02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:46:Stop:628  
AAGTTTCTGGAGACGGTGGAGCTGCAGATCAGCCTGAAGAAGTATGACCCCCAGAAGGACAAGCGCTTCT  
CGGGACCGTCAAGTCCACTCCGCGCCCCAAGTTCTCCGTGTGTGTCTTGGGGGACCAGCAGCA  
CTGCGACGAGGCCAAGGCCGTGGACATCCCCACATCGAGGCCCTGAAGAAGCTCAACAAGAAC  
AAGAAGCTGGTCAAGAAGCTGGCCAAAGAAGTACGATGCCTTTTTGGCTTCGGAGTCTCTGATCAAGCAGA  
TCCCACGAATTCTGGGCCAGGCTTGAATAAGGCTGGCAAGTCCCTCCTTGCTGACCCATAATGAGAA  
CATGGTGGCCAAAGTTGATGAGGTCAAGTCCACGATCAAATTCAGATGAAGAAGGTGCTGTGTCTGGCC  
GTGGCTGTTGGCCACGTGAAGATGACAGATGACGAGCTTGTGTACAACATCCACTTAGCTGTCAATTTCC  
TGGTATCATTGCTCAAGAGAATTGGCAGAACGTCCGGGCTTTATACATCAAGAGCACCATGGGCAAGCC  
CCAGCGCTGTACTAAACTGAG

>GBEQ2119 |Acc|BI961412|Ver|BI961412.1 GI:16319615|MONO1\_5\_B12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:547  
CCCCCTCTCTCTGTCTCTGCGGCCCTGCTTCTCTCTCTCCCTGCCTTGGTGTCACTCTCTCTCTCA  
TCAGGAGCCAGTCTGACTTCAGCCGAGTCCCCAGAGCACTTGACTAGACAGTTACAAACACATCCTTCCA  
GCCTGAGCTCACCACAGGCCCGGGAGAGGGGCTTCTTGGCCCTGCTCGCCACCGTCCCCCTCGTCTCCCG  
GCCCCACTCCCCCTCCCGTAGTGACCAATTCCCTATCTCTTCCCTCTCCGAGGCTCAATGAATCGAATGA  
ATGTGAACCTTCTTCACTGTGAAAATCTTTTATTATTTTTTCATTTTGTCTGTTTGGGGGCTTTTTTTT  
GGTTTCTTTTTTTTCTCCGTTTGGCGAGAGAGCGAGCGGCTGCCGTGGGGGCTGCGGGGAGCCCTCACT  
GTGAGTGGCTCGGAGGTCACTGCACGGGCAACGCCGGGCTCTCGCTCTCTCGCTCACTTCTGTGTGTCTCA  
CATGCTTTTTTCTTTCAAAATTCGGATCCTTATGTGAGCCAGCCATAGAAGA

>GBEQ2120 |Acc|BI961411|Ver|BI961411.1 GI:16319614|MONO1\_5\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:571  
GGACCTTCAGAAAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGATACACGTGCCATGTGCA  
GCACAAGGGGCTGCCTGAGCCCGTGACCCTGAGATGGGAGCCGCTCCTCAGTCCATCATCCCCATCATT  
TGATCATTTGCTGGCCTGGGTCTCCTTGGAGCTGTGGTGGCTGGAGCTGTGATCTGGAGGAAGAAGCGCT  
CAGATGGAAGAGGAGGGAGCTACACTCAGGCTGCAAGCAGTGACAGTGCCAGGGTTCTGATGTGTCTCT  
CAAGGCAGCTTGAAACAGCTGCCTGTGGGGGACAGAGTGATGCAAGATTTGTTCTGTCCCACCTCATT  
GTGACTTAAGGAATCTCTGACTTCTGCTTCTGCAAGGGCATCTGAGGGTGTCTGTGTTTCTATTAGCAT  
AATATGAGGAGATAGGAAGACTAGTCTCTGCCGTGACCCCTCCACACTGACCTGTGTTCTGTCCCCGA  
TTGACTTCTCTGTTCAGCAGACGTGGGGCTGGCTCCATCCCTGTCTTTACTTCGTGTTGCCCTGAGCTG  
CAGCTTCT

>GBEQ2121 |Acc|BI961410|Ver|BI961410.1 GI:16319613|MONO1\_5\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:42:Stop:656  
TTTCTTAAAGTTGTATCTAGTTCTATTGTAGACAAGTACATTGGTGAAAGTGCTCGTTTGTATCAGAGAA  
ATGTTTAAATATGCCAGAGACCATCAGCCATGCATCATTTTTATGGATGAAATAGATGCTATTGGTGGTC  
GTCGGTTTTCTGAGGGTACTTCGTGCTGATCATGATTTTGTAGTACAGGAAGACTTCATGAAGCAGTCA  
GGAAAGTGGCCGATTCTAAGAAGCTAGAGTTAACTGGACTACAAACCTGTGTAATTTACTGTAAGGTT  
TTTGAAGCTGCATGACAGACATTGGTTTAAATGTAAAAATAAGCTAAGGAAAATAATGTATGTGTTGGC  
AACAATCTCATTAAGCTAATGAATAAAAAATATGTGTAATAACATCATAAGAAGCAGTAATTCATATA  
TTCTGCTTTTAAAGATTGGTACAGAAGAAATTTGTAATGTTGCATTTTATGCAGCAGAAGTTATAAGAGT  
ATGTTGAAGCTTTTTCGTTTGTGTGAGACTTTGTAATGTTGTAATAACATTGAAATGGTTTGAGATAGTAGTA  
CAAAAGAGCATTTTCATATGACTTATTTTATATCATTTGTTTTCCTTATCCTAAAA

>GBEQ2122 |Acc|BI961408|Ver|BI961408.1 GI:16319611|MONO1\_5\_B08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:547  
ATGACTTATTTCAGTGATGACTGACCTTTAGATAAGAGAGTTCTCGAACTGCATGTGTTGTGCCAATCTGTCTC  
CTGAGTGTTCATGCTTTGTACCAAATTTGACAAGCAAGTATTCTTAATGGAAGTGCAGTGTGTGCATATAA  
CCAACATCCAAACGAGGGCTGCTATATCTAGGTGTTTCGTCAAATTTGAATTTAATCAATCATAAGCCATGA  
TCATAATAATGTTAACTCAATAACTTTGTGTGGCACTGCCTAGTAAGGGACCTACGGAAAGGTGTGGATT  
CCTCCGAAATGGAAGAACTTTTCAAATAAGAGAATACCCCTTTGTCCGCATACTATAACTAGGCTGTGTA  
TTTCTTTTCAGGGATTTTTTACCTTCAGGGTTGGATGTAGTTTAGTCACTATTGCCGTAGCCAACCTGT  
AGTTTTACAGAAACAATTTCTTGTGGAATAATAGACGCTCTCCATTTTAAACAGCATTTTAAATGTAGTT  
TGAATATTTTCCACAAGATGCTACAATGTGAGTTATTACTTACTTCA  
>GBEQ2123 |Acc|BI961403|Ver|BI961403.1 GI:16319606|MONO1\_5\_B01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:432  
GCACGAGCAACGCTCAGACCCGGGAAAGCAGTCGTGCTGCCGCCACCGCCTCCTCAGTCAATGCCGAAGC  
ACGAGTTCTCCGTGGACATGGCCTGTGAAGGCTGCTCTAATGCGGTCACTCGGGTCTCAACAAGCTGGG  
AGGAGTTCAAGTTTACCTGACCTGCCCAACAAGGTTTGCATCGACTCTGAGCAGCGTGGACACT  
CTGCTGGAGACCTTGGGAAAACAGGAAAGGCCGTTTCTACCTCGGCCCAAGTAGCAAGGGCTGGGC  
CCCTGGCCCCGAGGATGGACCAAAGCGGGCAGGCCTGACCCTCTCCTGCCTTCCAGACAGACCTGGGGCC  
TGGCAGTCTGCTCAGCGACCGAGTTCTTGCAGAGACCTCACTCGCCCTCCTCCTCCTAGCTTCCCT  
GCAATAAACTCG  
>GBEQ2124 |Acc|BI961400|Ver|BI961400.1 GI:16319603|MONO1\_5\_A09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:525  
TGGTGAATAAGAAATCTGAAAACACCGTCTATTTTGAAGGCTATTTTGTATACACCGGATGAGGATCCA  
AATTACAATCCACTACCTGAAGAGCAGCCAGGAGGCTTCGCCCTGGGGTGAGGGCCAGCGCCTCGGCGGAT  
AAAGCGGCAGTGCCAATAATGAGACCCAGCTGGGGAGGACTCACTGACATGCCCATTTGGGATTTCTTTAT  
CCTTTGTATTGGAGACGTGTGGACACTTTCGACAGCTTGACAGATTTTAACTCCAGAACACTTTATGAA  
ATGGTACACTGATTAATCCAGAAGACATTTCCAGCAGTTTGCAGTGGTTCCTCAATACACTGGTACTGA  
AAGTGAATCTCTCGGAGCCAAAAAACTGGAGAAAACAAACACCCTGCCGCCTCTAACGAACAAGTACATG  
AGTACTTGGGTTCTATGGTGAAGGCAGAGCTTTTTCTCTCTCTCTTTGATAGATGAGGTCATGGG  
TAAATGGAAGTTTCAGAGAGGACAAAAATAAAC  
>GBEQ2125 |Acc|BI961389|Ver|BI961389.1 GI:16319592|MONO1\_4\_H04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:470  
TTCGGCACGAGCGGCACGAGAAAAAATAGTGCTGTTTAAATGCTAAATAAGGCAGCAGCCACTTGGACATT  
TGGGCTTTTTTAAATACAATTAGAGCTGTAAGGAAAACGAAATGCCACAAACACAAGAATGTTCTTAAATG  
GAAAAGGCGTTTGTGAGCTGGGGTAAATCCTATACCATTTTAGGGAGCGTTAAAAATATTTTTTAAAGATT  
TGAAATATGTTTTCATAAAGTCTTCTATTCACAACTCTATCAACAGATGTTCCCTCAAGGGGAAACA  
TTTGAGTTTCTAAACAATCATGAAAGTCTAAATGATTTTACGTGATGCCAGAGTAACACTTTTATTGTA  
TCAATTTCGAACAATAAGAGACCAGTTTTCGATTAAAAAACTCTTCTGATTATTTAAGTCAGCTGACCA  
GAATTCAGGGAAAATGAACAATCTTTTGTGCCAGAGAATCTGAAAGTGGC  
>GBEQ2126 |Acc|BI961386|Ver|BI961386.1 GI:16319589|MONO1\_4\_G12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:499  
GCACGAGTCAAGGCCAAGAGGCCTGAGAAACGCAGAACCCAGCCTTCGGTCAACATGGCAGATTCCAGAAG  
AGACCCGTCAGAGTCGTGATACTTCAGGATGCCCACTTTTGCCTCTGCTTTTGGATTATACCTCA  
CCAGCTGCACAAAATGCATTTTCCCATCAAACAGTCGCCACTAACCCCTCTGAGAGGCTCATGAGGGAA  
AAAGAACAGAAAGAGAGATTTTCTTGGAAATTTCCCCCAAGGGTGAAAGTCACTGGAATTTTTTTTAAAT  
CACAGGGGAAGAACAACTCTGTTTTAAATCCTCTTATTCTTTTGGTTTCATCACTAAGAAGGAACCTAAGCA  
GGACAGAGGCAACTTACTTGCAGATGCTGGAAATGGTGTCCGAGTTTCGACAATGAGTCAATAGCACAAA  
AGAAGTGACGTTTATCCAGCCCTATAGCCCTGGCTGCCTCTGAAGAACTGCCTTCACTGTACATATGTG  
ACTGACTGT  
>GBEQ2127 |Acc|BI961376|Ver|BI961376.1 GI:16319579|MONO1\_4\_F10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:432  
GCACGAGCGGCACGAGGAAAATCTTGGCTCTCTATATGCTGCCTCAGAAGATCAAGAAAAACGAGATAT  
TGCCAAGGGCCATTTGAAGAAGGTCACAGAGCAGTATCCTGATGATGTCGAAGCTTGGATTGAATTGGCA  
CAAATCTTAGACAGACTGATATCCAGGGTGCCTTTTACGCTACGGAACAGCAACACGGATCCTTCAGG  
AGTAAAGTGCAGGCTGATGTCCCGCCAGAGATTCTGAATAATGTGGGTGCCCTCCATTTTAGACTTGGAAA  
TCTAGGGGAGGCAAGAAATATTTTTTGGCGTCATTGGATCGCGCAAAGGCAGAGCTGAGCATGACGAA  
CATTATTATAATGCCATTTCTGTGCAACAATCGTACAATTTAGCCAGGCTGTATGAAGCAATGTGTGAAT  
TCCATGAAGCAG

>GBEQ2128 |Acc|BI961370|Ver|BI961370.1 GI:16319573|MONO1\_4\_F03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:441  
GCACGAGCTTTTTTCCAACGCTTCTTTCAAGCCTAAGCTCGAGCGAATTACCTTCCGGCCTAGCATCGCT  
TTCGCCATGGCCCTCAGCGATGCTGACGTGCAGAAGCAGATTAAGCATATGATGGCTTTCATTGAACAAG  
AAGCCAATGAGAAAGCAGAAGAAATAGATGCTAAGGCAGAAGAAGAGTTCAACATTGAGAAAGGTCGTCT  
CGTGCAAACCCAAAGACTGAAGATTATGGAATACTATGAAAAGAAGGAAAAGCAGATTGAGCAGCAGAAG  
AAAATTCAGATGTCCAATTTGATGAATCAAGCAAGGCTGAAAGTCCTCAGAGCGAGAGATGACCTTATTA  
CAGACCTACTAAATGAAGCAAAACAGAGACTCAGCAAAGTGGTAAAAGATACAGCCAGGTACCAAGTGCT  
GCTGGATGGACTGGTACTCNC

>GBEQ2129 |Acc|BI961367|Ver|BI961367.1 GI:16319570|MONO1\_4\_E12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:520  
GGCAGGAGATTTGGCGTAAGTCTGTTGCGGAAGGATAAGCCTGCAGTTCAAACGGACTGGTCAGCTGGAT  
TTGCATGAACAGAACCTGCGCAATTTCTAAACTGAGTTTTTAAACTGGCAGCTCTTTTACCAGCCCTGT  
GGGCTTTTGTGAAGTCCCTCCCTGTCCCACTTCTTACAGCTGTTCTTGTTCCTGTGGTAGGATTTTTT  
TCATTCCTTTTCAGAGAAGGGAATCAATATAACCCCTTCTCTAGGAGGAAAGTGTTAGTCTGATCTTAA  
GCAGTGTTAGAAGATATATTTTGTATCCAAACCAGGTATCTGGGCTGGGTTAATTCCAGCCTGGGACAAGG  
GATCGCTCACAAGATGTTTTTCCGGTTTGTATGCTATCTCGTGGTTGTGTGGCTGATTCTCCTGCCTCAGAT  
GCGGGCCACTGTCTTGACCTGTGCTGGTGAATGGTGAATTCAGTTCCTTGGGGCCTGTGAATGTGAATG  
ACAAAATCACGTTTAAAGTGCAATGAGGACT

>GBEQ2130 |Acc|BI961361|Ver|BI961361.1 GI:16319564|MONO1\_4\_E05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:382  
GCACGAGTCTGACTGAGCCTGCCCTCGTGAAGTACTTTGACAAGCCCGTGTGCATGATGGCCAGGATCAC  
CAGTGCAGAAAACATCCGATGATGGGCAAGCCCTCACCTCGGCCAGTGACTACGAGATCTCAGCTCTG  
TCAGGCTGACATGCGCTTTCAGTGGGATGGGGGAAAGAGGGAGGGAAAGGGTCTTTTTTATGTTCTTCT  
GTGTTGGGTTTCTTTCTTTTAAATTAATATTTATTAGTACCTGGCTTAAAGCCTAGTGTTTTTCATAATA  
TAATATAAAGAAAACGTGTTGGAGAAATATTTAAACACCTCGATGTAGGTACAGTACACTCTGTTGTTGGG  
GGGAGGGGATTTACCAGAATACAGTTTATTCA

>GBEQ2131 |Acc|BI961352|Ver|BI961352.1 GI:16319555|MONO1\_4\_D07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:463  
GCACGAGTGAATTTTCAATCTGAGCTTTGGATGGCCTTTTAAATAAGAATCCAGTATGTAAAGGTTAA  
TTGCTGTGCTGCAAAGATCTTGCTCTTTGGCCCTGTAGGAAGTTAACCTTTGTTGTTTTTCTTTGTGA  
TATTTTGCTTATTGCACAATTGCTTTAGGGTTAAATGAATTATATTAAGATGCCTTGAAATTATATTATA  
GCACTCCTTGATTAAGAAGCTAAAATGTTTTCTGTCATTTACTCCTTAAAGACTTAAATTAGTTTCGGA  
CATTCTTAATGTTATTTTTCAGCATCTGGTTTATGTTAATATAAGAGTGAGAATAGCTTATAGATAGCCA  
CAGGCCCTGTGAATGAGAAGAACAGGACTTTTAAATAGTGTACACAAGGGTCTACAATATAACCTATA  
ATTCTACACATACTGCAATATTTCTTTAAATTGTGCAGGAA

>GBEQ2132 |Acc|BI961347|Ver|BI961347.1 GI:16319550|MONO1\_4\_D02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:336  
GCACGAGGTTTCAGAAGGGTAGGAGGGGGCGAGGAAACAATCATGCCATTTTCAGAAGGTCATCTGTATAT  
ATGATTGTAATCTTATAATTGTTATCAAAATCCTCTAACAGTCCTATTAAACAGAAATTGTATATTGTAA  
TTTAAATAAATTATATACTATATGTGAAATAAGAATGCAGACATCCAATGGTTATTTTCAATTTCCAAGA  
GCACATAAGGCATTTTGCAAACATTGAATCTGCCAGGGCAGACTAGGAGAAGTTGTAAAATGTGTATTA  
TTTACATTTAATATGCCCTACAGGAATATGTCGAGAGGGTTAATCCCTGTTTCTGT

>GBEQ2133 |Acc|BI961340|Ver|BI961340.1 GI:16319543|MONO1\_4\_C06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:478  
GCACGAGCAGAGAGGCAGGCGTGAGCAAGGCTCTGAGGCGGGCAGAACGTCCTGAGGGTCCCAGCGGAACA  
TGGCAGGTGACCGCGAGGTGGTGGCCATGGACTGCGAGATGGTGGGCTTGGGGCCCTTCGGGGAGAGCGG  
CTTGGCCCGCTGCAGCCTCGTGGACCTCCAGTGGCAGCGTGCTCTATGACAAGTGTCTACCGAGCCGAGG  
GAGATCGTTGACTACAGGACGCGGGTCAGCGGGGTGACGCTCGGCACATGGAGAAAGCCACACCATTCA  
CCGAGGCCAGGCAGGAGATCCTGCAGCTCCTGAGAGGCAAGCTGGTGGTGGGTACAGACCTGAAGCACGA  
CTTCAAGGCCCTGAAAGAGAGCATGGACGGCTATGCACTCTACGACACGTCACCCGACAGGCTGCTGTGG  
CGCAAGGCCAAACTGCAGAGTGCAGGCGGGTCTCCCTGCGGGTGCTCAGCGAGCGGC

>GBEQ2134 |Acc|BI961323|Ver|BI961323.1 GI:16319526|MONO1\_4\_A08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:448  
GCACGAGCGGCACGAGATTGCGTCTCAAACCAGATTTTCATCGATGGTTATATTAACCTGGCAGCCGCGTT  
GGTAGCAGAGGTCAGATGCAAGGGGCGAGTCCAGCTTACGTCTCTGCTCTTCAGTACAATCCTGATTTG  
TACTGTGTTGCGAGTGACCTGGGGAACCTGCTCAAAGCCCTGGGTGCTTGAAGAAGCCAAGGTAGGTT

911



AGCCGGAGATGCCTTGGGGAGCCTGGCTCCTGCTCCCTGCTCTACCTGAGTAATGCAGTAA  
>GBEQ2141 |Acc|BI961294|Ver|BI961294.1 GI:16319497|MONO1\_8\_E12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:528  
GCACGAGGACCGCGCGCGAGAGGAGCGAGCCTCGGGGAGCCCAGGCCCGGCAGCCATGGCGGTGGAAGG  
AGGAATGAAATGTGTCAAGTTCATGCTCTACGTTCTTCTGCTGGCCTTTTGCGCCTGCGCAGTGGGTCTG  
ATTGCTGTGGGTGTAGCAACCCAGGTGGTCCPTGAGTCAGACCATCATCCCCGGGAGCCACCACTGGCTCCC  
TCGTGCCCCGTGGTCATCATCGCAGTGGGTGCCCTTCTTCTGCTGGCCTTTGTGGGCTGCTGTGGGGC  
CTGCAAGGAGAACTACTGTCTTATGATCACGTTTGGCGTCTTCTGCTCTTATCACGCTGGTGGAGGTG  
GCCGCAGCCATAGCTGGCTATGTCTTTAGAGACAGGGTAATGTCAGAATTTAGTAAGGACTTCAAGCAGC  
AGATGCAAAATTATCCAAAAGACAACCACTGCTTTGATCTGGACAGGATGCAGGAAAAATTCACCTG  
CTGCGGCGCAACTAATACTACTGACTGGGAGACCATCC  
>GBEQ2142 |Acc|BI961286|Ver|BI961286.1 GI:16319489|MONO1\_8\_E02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:513  
TGCTGAGAGATCGAGAAGTAGGAATCCCTCCAGAGCAATCCTTGGAAACTGCTAAGGCAGTAAAGGAGCG  
CTATAGTTATGTCTGCCCTGATTTAGTAAAAGAATTTAACAAGTATGATACAGATGGAACAAAGTGGATT  
AAACAGTATACTGGAATCAATGCTATCTCAAAGAAAGAATTTTCCATTGATGTTGGTTATGAGAGATTTT  
TGGGACCTGAAATCTTTTTCATCCAGAGTTTGTCTAATCCGGACTTACTCAACCTATCTCAGAAGTTGT  
AGATGAAGTAATTCAGAATTGTCTTATGACGTCAGGCGTCTCTCTACAAGAATATTGTCTGTCTGGA  
GGTTCAACCATGTTTCAGGGACTTTGGACGTCGCTTGCAAAGAGATTTGAAAAGAACTGTAGATGCCAGGC  
TGAAATTAAGTGAGGAATTTGAGTGGTGGTAGATTAAAGCCAAAACCTATTGATGTACAAGTCATTACCCA  
CCACATGCAGCGATATGCAGTTT  
>GBEQ2143 |Acc|BI961284|Ver|BI961284.1 GI:16319487|MONO1\_8\_D12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:579  
GCACGAGCCCTGGCCGATCCCTAGTCTGCATCCGGGTGCGGAGCCCTCCCCAGTGGGCGCGATGCCGA  
GGAAGCAGTGACCCCCGAGAGGCGGAGCGCGGGCGCTGGGAACCTGCTGCCATGTCCCACCAACCACTT  
AGCTGCCTGACTGAAAAGGGGGACAGCCCCATTGAAACCACAGGAAATGGACCCCCCATCTAGCTCACC  
CAAGCTTGGACACGTTTCAACACAGAGGAGCTGCTGCAGCAGATGAAAGAGCTCCTAAGTGAATCATCA  
GCTGAAAGAAGCCATGAAGCTAAATAATCAAGCTATGAAAGGGCGATTTGAGGAGCTTTTACGCTGGACA  
GAGAAACAGAAGGAAGAACGCTTTTTTTTTGAGATCCAGAGCAAAGAAGCCAAAGAGCGCTAATGGCTT  
TGAGTCATGAAAATGAAAATTAAGGAAGAACTTTGGAAGCTAAAGGGCAAAACAGAAAGGTCATTCTGA  
GGACCCCACTGGGGACCCCAAGGTCCCCAAGGCAGAAGCAGAACAGGAAATGGAACAGCTGAAGACCCAG  
GTGGCAGCCTTCAAGCTG  
>GBEQ2144 |Acc|BI961283|Ver|BI961283.1 GI:16319486|MONO1\_8\_D11.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:566  
GCACGAGCTCGTGCCGCGAAGTCGGCGCGATGAGGCCTCGGGCACCAGCGGGCGCTCCTCCCGGGCGCGC  
TCGGCCTGGCGCTCTGCTGCCTGTGCGGCGCGCTGGGACCCTGGAGGAGTGGCAACCACGGATGGAAAAA  
ACTCATTATGGTTACCACTGGCCTACAACAGTGTGCAAGGAAATGAAAATGCCTGCAGTGACCCCTCCG  
GATTACTGGACGATACATGGATTATGGCCTGATAAAAGTGAAGAATGTAACCGGTCGTGGCACTTTAATT  
TAGAAGAGATCAAGGACCTTTTGGCAGACATGAAGATATACTGGCCTGATGTACCCATCCACCGAATCA  
CAGCCACTTCTGGAAGCATGAGTGGGAGAAGCATGGGACCTGTGCAGCCAGTTGGACGTCCTCAATTCC  
CAGAAGAAATACTTCGGCAAAAGTCTGGATCTGTATAAGGAGCTGTCCCTGAACAGTATGCTCCAAAAAT  
TGGGGATAAAACCGTCTATCAATTACTACAGATTTTCAATATTAAGATGCCCTCGCCAGCGTCTACGG  
AGTCAT  
>GBEQ2145 |Acc|BI961282|Ver|BI961282.1 GI:16319485|MONO1\_8\_D10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:512  
GCACGAGCAGCGTGGTGCCACTCGTCTGATCATCGACCCCCAACCCCTAGACCGCCCTGCCACCCCGGG  
ATGCTGAAGGCAGCGCTAGAGCCCCGAGGGGGCTTCTGCTTTGAGAACTGCCAGAGAAACGCATCCTTGG  
AACCGCTCCTCCCGGGGCTCCGACCCCTCATGCACGCAAACTGGGACCACCATCGCGGGCATTTGTGTT  
CCGAGACGGGGTTCATCTGGGCGCGGATACGCGGGCCACTAACGATTCGGTCTGTCGGGACAAGAAGTGT  
GAGAAAAATCCACTTTCATCGCTCCCAAAATCTACTGCTGTGGGGCTGGAGTTGCCGCGGACGCCGAGATGA  
CCACACGGATGGCAGCTTCAACATGGAACCTACGCGCTGTCTACGGGCGCGAGCCCCGCGTGGCCAC  
AGTCACTCGCATGTTGCGCCAGACGCTCTTCCGGTGTGGGGAGGGCTGATGACCCAGGGGAGGAGCTGT  
TGCGGGGAGAGCGAGACTGTGA  
>GBEQ2146 |Acc|BI961269|Ver|BI961269.1 GI:16319472|MONO1\_8\_C06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:513  
GCACGAGCTTCTGTATAGACTTGTGTGTTTCTTTTCCACTACTGTTCCTCAAGCCCCACTCTCCTCCTT  
TGCTTTCATTATTCTGCGTCAACCCATCCAGAGATCCCTCCCTTCTCTCCCTGCCGGCTAGTTATGG

CAGAGAACGATGTGGACAATGAGCTCTTGGACTATGAAGATGATGAGGTGGAGACAGCAGCTGGGGGAGA  
TGGAGCTGAGGCCCCCTGCCAAGAAGGATGTCAAGGGCTCCTATGTCTCCATCCACAGCTCTGGTTTTCTGT  
GACTTCTGCTCAAGCCAGAGTTGCTCCGGGCCATTGTTGACTGTGGCTTTGAGCATCCTTCAGAAGTCC  
AGCATGAGTGTATCCCTCAAGCCATTCTGGGAATGGATGTCCTATGCCAGGCCAAGTCAGGCATGGGAAA  
GACAGCAGTGTGTGCTGGCCACACTGCAACAGCTGGAACCAAGTTACCGGGCAGGTGTCTGTCTGGTG  
ATGTGTCACACTCGGGAGTTGGC  
>GBEQ2147 |Acc|BI961259|Ver|BI961259.1 GI:16319462|MONO1\_8\_B05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:216  
GCACGAGGACTCACGCACATCAGTCTCGGCACTATAGTGAGTTTATCGAGTTCTCAGCAAGGCCCCGAG  
AGACCTTCTTAATGGCGCATGATGGACACATTAGTTTACACAGTTTATGACAACCTGAAACAAATCTA  
CAAAGGCAAAAAGAACTGATGATGCTGGTTCTGGGAGAGGTTCTGGTTGATGGAACCTCGGATGAGTGGGG  
CGGGG  
>GBEQ2148 |Acc|BI961258|Ver|BI961258.1 GI:16319461|MONO1\_8\_B03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:428  
GCACGAGCGGCACGAGTCAGACTCCAGCCATGAAGGGACTCTTGCGACCTGGGTATCGGCTCTGTTTCC  
GCAAGAAGAACCTGTCCGGACCTATTTCCATTGCTCTCCACATCCTTGAAAAGCCGTTAAATGTGAGTT  
CTCACACACCGCCGGTCTGCTCATTCATATCCTTCTCTGTTCTGTTTTGTCTTTTCTCTTTG  
GTCAGGTCGTCTGTGTCAGAGGAACCTGTGCCGACAGCTTAAGAAATAAACGATGTGTAAGGCAAAAAA  
AAAAAATAAAAAAATCGAGCTCGTGCCGAATTCTGGCAGCAGCTCGTGCCGCTCGTGCCGCCGAGGTTTC  
CTGCTTCAACAGTGCTTGAACGGAACCCGGCGCTCGCTCCCCGCCCCGGCCGCCACCCAGAGTCAGCCC  
TCCTCCAC  
>GBEQ2149 |Acc|BI961256|Ver|BI961256.1 GI:16319459|MONO1\_8\_A12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:536  
GCACGAGGAAGACATGGCGGCTTCTGCGTCGGCGCGGCAGGGGAGGAGGACTGGGTCTGCCCTCTGAA  
GTCGAGGTGTTAGAGTCTATCTATCTGGATGAACACAGGTGGTTAAAGGCACTGGCAGATCTTACCGT  
GGGAGATCTGCATCACCTTGACCTGCCACTGCAGAAGACCAGGACTCCAGTATGTCTGCTTCACTCT  
GGTGCTTCAGGCTCCACAGTACCCCAACGAGGTACCACAGATATCTATCCGTAACCCCGAGGACTC  
TCTGATGAGCAGATCCACAAGATCTCCAGGCGCTGAGCCATGTGGCCAAGGCCGGGCTGGGTACTGCCA  
TGCTCTATGAACCTCATTGAGAAAGGGAAGGAAATCTCACAGATAACAACATCCCCATGGCCAGTGCGT  
CATCTGCCTCTATGGTTTCCAGGAGAAGGAGGCTTACCAAACACCTGTACCCTACTTCCACTGC  
CACTGCCTTGTCTCGGTACATCCAGCAGATGGAGCAGAGCTGCAGG  
>GBEQ2150 |Acc|BI961251|Ver|BI961251.1 GI:16319454|MONO1\_8\_A07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:546  
GCACGAGTCAGGACTAGGGGGAGCCGGGGCCAAAGCCAGCGGGGAGGGCGCATACCCAGAGACGATCG  
TATGAAGAAATATGGAGGAGCTGTTACATGTTCTGCTACTGAATCATTTCAGGGGATTGAAAGACTATC  
GCTGGATTTCATGATGCTGAGTGGTGTAGCTGAGTAACCCACGTAAATAGGCACTTAAGTAGAAGCAGG  
GAAGGGAGGGAAAGACTGGCTTCTGGACTTCTCCCGATCCCCACCCCTTACACATCACCTGTAGTGACT  
GGGGAGGGAGTCGGAAGTAAACAGTGTAAGGCAGTGCTGGCTGCCTCTGCCTGGTTGCATTGAAACTGT  
TGGTTTTCTTCCGGATGTAGTTGTGCAGATGTAGCAGGAAACTAAGAAAACCCACCATCTCAGTGAGCA  
CTGGGCTGCCTCCCCAGGGAGGGGACGCGTGCTTGTATTTTTATGGTTAGAAAGGCACAAAATATTAT  
CAACTTATCTAAAACATTCTCTCTCTCTTTTTTCTCTGAATATCATAGAGTTT  
>GBEQ2151 |Acc|BI961250|Ver|BI961250.1 GI:16319453|MONO1\_8\_A03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:90:Stop:202  
ACTACTACAAGGTGGCCATCAGGTTGGGCGGGCGCTACCTAAAGGGGGACACGCGGGGGTCTTGAAAGC  
CTGCGCGGAGGCCGTGGAGCCCGCCACGCTGTGGGAGTACTAG  
>GBEQ2152 |Acc|BI961242|Ver|BI961242.1 GI:16319445|MONO1\_7\_G12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:541  
GCACGAGAGCAGAGGGTCTGGGTGGATCTGCTGCCCCAGAAACCCCATGGAGCTGATGGTCTCT  
GCAGTGCTGCTCTGGCACAGTGCCTCTGGATGGTGCAAGAAGCCACCCCCCTAGGCTCTGCCAGCTCC  
CTGCCCCAGAGCTTCTGCTCAAGTGCTTAGAGCAAGTGAGGAAGATCCAGGCCGATGGTGACGCGCTGC  
AGGACAGGCTGTGTGCCACCCACAAGCTGTGCCACCTCAGGAGCTCATGCTGCTGGGACACTCTCTGGG  
CATGCCCTCTCTCTGAGCAGCTGCTCCAGCCAGGCCCTGCAGCTGACGGGCTGCCTGAGCCAACTC  
CACAGTGGCCTCTCTCTTACCAGGGTCTCTGTCAGGCCCTGGCAGGGATCTCCCCGAATTAGCCCCCA  
CCTTGACATGCTGCAGCTGGACGTCACCGACTTGGCCACCAACATCTGGCAGCAGATGGAAGACCTAGG  
GGTGGCCCCCTGTGGTGCAGCCACCCATGGCCCCATGCCGACCTTCGCCCT  
>GBEQ2153 |Acc|BI961238|Ver|BI961238.1 GI:16319441|MONO1\_7\_G08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:512



GCACGAGCGGCACGAGCACAGAAGCGAGATGACGAAGGGAACGTCATCGTTTCGGAAAGCGTCGCAACAAG  
ACGCACACGTTGTGCCGCCGCTGTGGCTCCAAGGCCTACCACCTGCAGAAAGTCGACGTGTGGCAAGTGCG  
GCTACCCCGCCAAAGAGGAAGAGAAAGTATAACTGGAGTGCCAAAGGCTAAAAGGCGAAACACCACCGGGAC  
CGGTCAATGAGGCACCTGAAAATTGTATACCGCAGATTTCAGGCATGGATTCCGTGAAGGAACAACACCT  
AAACCCAAGAGGGCAGCTGTTGCGGCATCCAGTTCATCTTAAGGATTTTCGATGACTAGTCACGCAATAAA  
TGTTCTGGTTTTAAAAATTAAAAAATAAAAAAAAAAAAAAAAAAAAAAACCTCGTGCCGAATTCGGCACGA  
GTGGACACGAAGGACAGACAAGAGGAAGGGACAGTCAGGCTGCTGCATCAGAAGACTCCCAGGATGTGA  
CCTACGCCACGCTGAACAGTTT

>GBEQ2154 |Acc|BI961237|Ver|BI961237.1 GI:16319440|MONO1\_7\_G07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:379  
GCACGAGTTGCGCAGCAGCGCGCTTCGTGATGCTGCAAGACAACCTCTGGGGACCTCAGGACCCGCGAT  
AAGGTGTATGCGCTCAGCCCCGAGGTGGGGTGGGCAGAAGATGCAGGCATTAACCAGGGGAAGGATGAGG  
CCCTTGATGTCCCCCAGGATGGGCGGGTTCCTCAGGCCAGCCCTGGCAGGAGATGCTGGTGAGAGGCG  
GGGGCACCAGCTGGCTGGGCCGAACCTGAGCCCTGCGCCCCAAGCCCTCTTTCCGGCCAGCTGACGAT  
GTGGAGGACCTCTTGCTCCAGGCTCTGCAGCAGAGCAGCCTGGAGGACCACCTGCTGGAAGCTACATGGG  
GGGTGGATCCAATCTCCCCAGAGGCTCCT

>GBEQ2155 |Acc|BI961236|Ver|BI961236.1 GI:16319439|MONO1\_7\_G06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:562  
GCACGAGGTCAACGGGGAGCTGCTGTTCTTCAGACAGAGAGAGGGGCCCTTTCTATCCGACTCTGAGGCTG  
CTCCACAAGTACCCCTTCATCTGCGCGCCAGCAGGTGGATAAGGGCGCCATCAAGTTCGTGCTCAGCG  
GCGCAACATCATGTGTCGGCGCTGACCTCCCCCGGGGCTCAGCTCTACCCCGCTGCGGAAGACACGGT  
GGTCGCGATCATGGCGGAGGGCAAGCAGCAGCCCTGTGTGTGGGCGTCATGAAGATGTCTGCAGAAGAC  
ATCGGGAAGGTCAACAAAGGCATCGGCATTGAAAACATCCACTATTTAAATGATGGGCTGTGGCATATGA  
AGACGTATAAATGAGCCTGCCAAGGAGTGCCTTGGGCTGGAGATGGACCTGAGCCCCCTAAAGGAATGC  
GCTTGGGCTCCAGACGACCTGAGCCTCCCAGGGAATGCGCTTGGAATCAATGTGGACTCTGCTGTATCT  
GTGTCCGTGTCTGTGTGTGACAGCATAAAGGCACTACCTCTGTGGTTATGCTGAATAAATTCAACAGATG  
CT

>GBEQ2156 |Acc|BI961235|Ver|BI961235.1 GI:16319438|MONO1\_7\_G05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:445  
GCACGAGCTCGTGCCGGTGAGGGACGCGGCAGGCGCGGGATGTCTGCTCCGGCCTTCTTCGTGGCCTC  
AACACGTCCCTCGCTTATGGCCTCGCCCTGGCGCCCCGCTCTCTGGGCGCCCGCCCATGGCCACGCTGA  
ACCAGATGCACCGCCAGGGGCCCCGAAGCGGCCGCCCCGAAGCCGGGCCCCACGGCGGGCCGGCCGCA  
GCTGAAGGGCGTCTGCTGCGCACCTTCATCCGCAAGCCCAAGAGCCCAACTCGGCCAACCGCAAGTGC  
TGCCGCGTGCGGCTCAGCTCGGGCCGCGAGGCCGTCTGCTTCATCCCCGGCGAGGGCCACAGCCTGCAGG  
AGCACCACGTGGTGTGTGTGTCAGGGCGGCCGACCCAGGACCTGCCCCGGCGTCAAGCTCACCGTCGTGCG  
CGGCAAGTATGACTGCGGCCACGTG

>GBEQ2157 |Acc|BI961233|Ver|BI961233.1 GI:16319436|MONO1\_7\_G03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:482  
GCACGAGCAATCGGCTTGGATCCCGGCTTTTCAGAAGAGCAGAGAAGCAGATCGCAGTCATGAGTGAGG  
AATCAAAGGGGAATCTTATTGAAGCTAGCCTGGTTCAATTGAGATGTCACTTTACATGGGATTTGCTAAT  
TGAAGACACTGCAATGCCTGATTTGGAACAGGATCTTTGATGAGATTGAGTTCCCTAGACACCAATAAC  
AACGTGGGAATACACAACCTACTGGCCTATGTGAAACACCTGAAAGGCCAGAATGAGGAAGCCCTGAAGA  
GCTTGAGAGAAGCTGAAGACTTAATCCAGGAAGAATGTTGACCAATCAGGCATGAGAAGTCTGGTTAC  
CTGGGGCAACTACGCTTGGCTGTATTACCACATGGGCAGACTGGCAGAAGCTCAGACTTACCTGGACAAG  
GTGGAGAACACTTGCAAGAAGTTTGCAATCCCTCCAGCTATAGAATCGACTGTCTCAGAT

>GBEQ2158 |Acc|BI961227|Ver|BI961227.1 GI:16319430|MONO1\_7\_F09.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:569  
GCACGAGCAGATGTGTAGCAAGCGGCCAGCTCGAGGGAGAGCCACACTTGGGAGCCAGCGAAAACGCCGG  
AAGTCAGTGACACCAGATCCCAAGGAAAAGCAGACATGTGACATCAGACTGCGGGTTCGGGCTGAATACT  
GCCAGCAGAGACTGCTCTGCAGGGCAATGTCTTCTTAACAAGCAGGACCCCTTGAGCGCCAGTTTGA  
GCGCTTTAACCAGGCCAACACCATCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTC  
TCTGAGCTCACCTACCTCGACGCATTCTGGCGGACTACATCAATGGCTCATTACTAGAGGCACCTTAAAG  
GTCTCTTCATCAGACTCCCTCAAGCAGGCTGTGGGCCATGAAGCCATCAAGCTGCTGGTGAATGTGGA  
CGAGGAGGACTATGAGCTGGGCCGACAGAACTCCTGAGGAACCTTGATGCTGCAAGCATTGCCCTGACCT  
TTTCCCTTCTCATTCTCTGGGGACTGTTCACCATCCACCTCTGGAGCTTACATACTGTTCTGGGGT  
TTGTTCTCT

>GBEQ2159 |Acc|BI961220|Ver|BI961220.1 GI:16319423|MONO1\_7\_F01.b1\_A005 Monocytes (MONO1)

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:373

GCACGAGGTGACTGCTGTGGGCTCCGGAAGCCATTTCGGGCTGGGGCTGTCGGCCGCGGGGCGGAGGCAC  
TCGCGCGGGGGGTAATCGGGTCTGGGTTCGGGTGCCGCGCAACTCTCCCGGATGGCCCACTGCGTGACC  
TTGGTTCAGCTGTCCATTTCTGTGATCACCTCATTGACAAGGATATCAGCTCCAAGTCTGACCCACTCT  
GTGTCCTTTTACAGGATGTTGGAGGGGGCAACTGGGCTGAGCTTGGCCGGACTGAGCAAGTACGGAATTG  
TTCAAGCCCTGAGTTCTCCAAGACTCTGCAGCTTAAATACCATTGTGAAACAGTCCAGAAGCTCCGATTT  
GGCATCTATGACATAGACAACA

>GBEQ2160 |Acc|BI961218|Ver|BI961218.1 GI:16319421|MON01\_7\_E11.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:544

GCACGAGTGAAGGCACCGTCATCCTATGGGATGGATTACAGGACAGAGGTCAAAGGTCTATCAGGAGCA  
TGAGAAGAGGTGTTGGAGTGTGACTTTAATTTGATGGATCCTAAACTCTTGGCTTCAGGTTCTGATGAT  
GCAAAAGTGAAGCTGTGGTCTACCAACTTAGACAACCTCAGTGGCAAGCATTGAGGCGAAGGCTAACGTGT  
GCTGTGTTAAATTCAGCCCCCTCTTCCAGGTACCATTTTGGCTTTCGGCTGTGCAGATCACTGTGTCCACTA  
CTATGATCTTTCGTAACTAAGCAGCCAATCATGGTGTTCAAAGGACACCGAAAAGCAGTCTCCTATGCA  
AAGTTTGTGAGTGGGAGGAAATCGTCTCTGCCTCAACAGACAGCCAATAAGCTGTGGAATGTAGGGA  
AACCATACTGTCTACGTTCTTCAAGGGTCACATCAATGAAAAAACTTTGTAGGCCTCGCTTCCAATGG  
AGATTATATAGCTTGTGGAAGCGAGAACAACCTCTCTTACCTGTACTATAAAGG

>GBEQ2161 |Acc|BI961217|Ver|BI961217.1 GI:16319420|MON01\_7\_E10.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:538

GCACGAGCCGCGTGATGGCCTGGTCGCCACTCCTGCCGTTCTGCCGCTGCTGCTGCTGCTGCTGCTGCTG  
AAGTCCCCCGCGGCGCGCGGGCGTCCCCGCTGGAAACGCTCCCCGAGGGGGCGGCCGCTGCAAGGCTGG  
TGACCTGTGCTGCAGACGCTGCTCAGGAAGTCGGACCCCCCGCCGTCACGTCAGCCTCTACTATGAG  
GCGCTGCCCCGGTGCCGGTCTTCTGCTGGTCCGAGAGCTCTCCCGACATGGCTGATGGTCTCTGGAGA  
TTCTCAATGTACGCTGGTGCCTATGGAATGCCAGGAACGAAACGTCAGTGGCAAGTGGGAGTTTAC  
GTGCCAGCACGGCGAGGAGGAGTGCAAGCTTAATAAGGTGGAGGCTGCTGTGGGACCTGCTGGAAGG  
AACTTGGCCTTCTGACCATTTGTCTGCGTGGAGGAAATGGATGACATGGAGAAAAACCTGGCGCCGCTGCC  
TGCAGCTCTACGCCCCGAAGGTGTCCCCGGGTGCCATCATGGAGTGTG

>GBEQ2162 |Acc|BI961208|Ver|BI961208.1 GI:16319411|MON01\_7\_D09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:541

GCACGAGGACATCTTCACTGGACACATTTAGAGGAGGAAAAAATAATATTGAATCTTTAAGTGT  
TAGCTAAAAGCATGATGTGACACTGTAAACCAACTCTAATGATAACATGTGACTATTAAATCTCTCTGA  
CAGTTTCTTTTTTAGGTGATTTCTTCTGCCAGGCTCCGTTGTAGGGGTTACAGAACAGTCGTTCCCGC  
CTCACAACCTGGTAAGGATCCATCTCTTACGTAACGCTCATGCTCTGCTGCTTAGTCTACTTTAATGGG  
CAACATCTCAAGTTGTGTGTGTGTGATTTTTTTTTTTTTCTTCTTGAAGGTGGGAGGGAAATCTA  
ATTTGGGCCCTTGCAGCTGGAAACAGACTTGTGCTGGTCAATAATGCTCTTTAAGATGCTTCTCTGGT  
TGAAATAGCTGTTAATGTGTCCCTTGTTCAGACTTGCCTGTACCTAGCTCTTCTGTCCCCAGTGTGGAC  
ATGGCCTTGGATGACATCGGTTCCAACCTGTACACTGAAAGCTGCTAATAGA

>GBEQ2163 |Acc|BI961207|Ver|BI961207.1 GI:16319410|MON01\_7\_D08.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:526

GCACGAGCGAAGCTGCCCGCCGCGCGGAGGAGCCCCCTGGGGCCGTAGTAAGCATTAATAATGTCTTTC  
ATCTTTGAGTGGATCTACAATGGCTTCAGCAGTGTGCTCCAATTCTTAGGACTCTACAAGAAATCTGGAA  
AACTTGTATTCTTGGGTTTGGACAATGCAGGCAAAACCACTCTTCTACATATGCTCAAAGATGACAGATT  
GGGCCAGCATGTTCCAACATTGCATCCGACATCAGAAGAGCTGACAATTGCTGGAATGACTTTTACAAC  
TTTGATCTTGGTGGGCATGAGCAAGCACGTCGGGTTTGGAAAAATTACCTCCCCGCCATTAATGGGATTG  
TCTTTCTGGTGGATGTGCAGACCATCTCGCCTCATGGAATCCAAAGTTGAGCTTAATGCGTTAATGAC  
TGATGAGACAATATCCAATGTGCCAATCCTTATTTTGGGTAACAAAATTGACAGAACAGATGCAATCAGT  
GAAGAAAACTCCGTGAGATTTTGGGCTTTATGGA

>GBEQ2164 |Acc|BI961206|Ver|BI961206.1 GI:16319409|MON01\_7\_D07.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:511

GCACGAGGGACGGCCGAGGGACCCAGCCCGGGGCTGCGCAGTCGGACGCTGACTGGGGCGCGAGCGGGCG  
AGCCCGGGCTTGCAGCGCCGAGCAGAGCAGAGCCAGCAGGGAGCTCCAGGCCAGCAGGATGGCGTCA  
GCCTGTATCAAAATTACCAATACTTCTCTTCTTCAACTTGCTCTTTTTTATCCTGGGCGCCATGA  
TCCTGGGCTTCCGCGTGTGGGTCTGGCCGACAGGAGCAGCTTCATCTCTGTCTGCAGACCTCGTCCAG  
CTCGCTCAAGGTGGGCGCCTACGCTCTTCAATCACCCTGGGTGGGCTCACCATGCTCATGGGCTTCTCTGGG  
TGCTCGGCGCCATCCGGGAGGTCCGCTGCCTGGGCTGTATATACGTTCTCTCTCTGCTGATCTTCA  
TCGCCCAGGTGACGGCCGGGCTCTTCTACCTAAACATGGGCAAGCTGAAGCAGGAGATGGGCGGCAT  
CGTGAGCCAGCTCATCCAGAA

>GBEQ2165 |Acc|BI961199|Ver|BI961199.1 GI:16319402|MONO1\_7\_C11.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:525  
 GCACGAGCGCTGGGCTTGGTGTAACTGCCGCCGAAAAAGAGGCGGAGTAACCTCCGGTCAGC  
 CGAGGAACCCCGCTATCCCGCAGCCATAGCGGCTCAAAAGATTTGGGAGGTAATAAAAGACTAGGGAGCT  
 GGACCCGGAGGCGCGGCCGACAGCAGCAGCCATGGAGGACGAGACGCCAAGACTCTGTATGTCGGTA  
 ACCTTTCCAGAGATGTGACAGAAGCTCTAATCTCCAGCTCTTTAGCCAGATTGGACCTTGTA AAAACTG  
 CAAAATGATTATGGATACAGCTGGAAATGATCCATATTGTTTTGTGGAGTTTTATGAGCATCGTCATGCA  
 GCTGCAGCACTAGCTGCTATGAATGGGCGGAAGATAATGGGTAAGGAAGTCAAAGTGAATTGGGCAACAA  
 CCCCCAGCAGTCAAAAGAAAGATACAAGCAGTAGTACCGTTGTCAGCACACAGCGTTTACAAGATCATTT  
 CCATGTCTTTGTTGGTGATCTCAGTCCAGAAATTA

>GBEQ2166 |Acc|BI961198|Ver|BI961198.1 GI:16319401|MONO1\_7\_C09.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:12:Stop:493  
 AGTGAGTGAAGCTGTAACTTCTGCATTGCTGAAAAAGACTGGAACAGCATGTACACACCCATCCCCAA  
 GAGCGGCTCTCCATTTCCAGCCTCAGTGCAGGATCCCGGCCCTGCACGTATGGCGGGTGGAGAAGCTGAAG  
 CCAGTACCAGTAGCAGAGAGAACAGGCGATCTTCTTCTCTGTTGACTCCTACCTGGTGTGTCACAAATG  
 GCCCGGAGGAGCTCTCCACCTGCACCTGTGGATCGGCCAGCAGTCATCCCGGGATGAGCAGGGGGCCTG  
 CGCTGTGCTGGCTGTGCACTAAACACCTGCTTGGGGAGAGGCCCTGTGCAGCACCGCGAGGTGCAGGGC  
 AATGAGTCCGACCTCTTCATGAGCTACTTCCACGTGGCCTCAAGTACCAGGAAGGTGGAGTGGAGTCAG  
 CCTTTTATAAGACCTCCCCAGGGGCCACCCAGCTGCCATCAAGAACTCTACCAAGTGAAG

>GBEQ2167 |Acc|BI961196|Ver|BI961196.1 GI:16319399|MONO1\_7\_C07.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:540  
 GCACGAGCGGCACGAGCGGCACGAGTTTGGATTGGGATCCAGATTTGAAAAAAGATACTTTGATGAAAA  
 TGCCGCTGAGGTGAGTCTCACTCATTCCCTCTTTGTCCTTCCCATGTTGATCACACTGTCGTCTCACAC  
 TCCTTCTTTTACC GAATGTGTTTATTTTGGCAGAAGAAAATTTGGTTATGTACTAGTAGAGAAAAGGCTTG  
 TTGGTTTGGAAACATGCTTTTGTGTTATCCTTTTGAGTCCATATAGGTGTATATACAGGAGTTTTTCCAAG  
 TGTGGTGTAAATCTCAGCTGAAATAGCTTTATGATTCTTTTGAGAAAAGTTTAGGAGTTTTTCATTACTGT  
 TCATAGTAAGATGGTATCACTAAAATAAGTTTGTGTTTCAATTTGTTCTCTTAACTCAAGAAATACTTCTCT  
 TTAGGATTTTGA AAAACATGAAAGTGTGGAATATAAACCTCCTAAAAAACCTTTTGTGAAATTAAGAT  
 TGCATTGAGCTTTTTTACAACAAAAGAAAAGCTAGGTGCTGAAGATCCCTG

>GBEQ2168 |Acc|BI961183|Ver|BI961183.1 GI:16319386|MONO1\_7\_B02.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:450  
 GCACGAGGACGTGTTCTCATGATCCGGCGCCACAAGACCACCATCTTCACGGACGCCAAGGAGTCGAGC  
 ACCGTGTTTCGAGCTGAAGCGCATCGTCGAGGGCATCCTCAAGCGGCCGCCCGACGAGCAGCGGCTGTACA  
 AGGACGACACAGCTCCTGGACGACGGCAAGACACTGGGCGAGTGTGGCTTCACTAGTCAAAACAGCAGCGCC  
 GCAGGCCCCAGCTCCTGAGGCTGGCCCTCCGAGCAGATGAAGCGTTTCGAGGCCCTGCGCATCGAGCCC  
 TTCTCCAGCCCACCCGAGCTGCCCCGACGTGATGAAGCCGCAAGACTCAGGAAGCAGCGCCAATGAACAAG  
 CCGTGCAGTGAGAGGGCCCTTGGGCCCATCCCCAATGCCCATCCTCCCCAATAAAAGAAATTGGGTGTC  
 CACCTGAAAAA AAAAAAAAAAAAAA AACTCCT

>GBEQ2169 |Acc|BI961181|Ver|BI961181.1 GI:16319384|MONO1\_7\_A12.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:571  
 GCACGAGGTGTTGGAGGTCTGCTCTATGCTGTAGGAGGTTATGATGGAGCTTCACGTCACTGTCTTAGC  
 ACAGTAGAGTGCTATAATGCTACAGCAAACGAGTGGACCTATATAGCAGAAATGAGCACCAGACGGAGTG  
 GAGCAGGTGTTGGTGTGTTAAACAACCTTATTGTATGCTGTAGGGGGTCATGATGGCCCTTAGTACGAAA  
 AAGTGTGTAAGTGTATGACCCCAACCAATGCATGGAGACAGGTTGCAGATATGAACATGTGCAGAAGA  
 AATGCAGGAGTTTTGTGCACTTAATGGTCTGTTATATGTAGTTGGAGGGGATGATGGTTCTGTAACTTGG  
 CATCAGTAGAATATTATAACCAACAACCTGATAAATGGACAGTTGTGTATCTTGTATGAGCACAGGGAG  
 AAGTTATGCAGGGGTCAAGTTATTGATAAACCGTTAGCCTGAGGACGTTTCCGACGTGTTTATAC  
 ATGAGAAACAGGCTTCCACAAGTATTTCTGAAGTGACTGAGAACCCTAGCACTTCTCCACTTGTAGCTGCA  
 CTTTACGTCTC

>GBEQ2170 |Acc|BI961172|Ver|BI961172.1 GI:16319375|MONO1\_7\_A03.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:399  
 GCACGAGGCGCCCCAGGCTGGAAGGGCTTCTGTACCTGGCAGCATTCCTGTTGTCTGGACCCTGACCAAC  
 GTCATCCATAACTTGGCTATGTATGTCTTCTACATACGGTGAAAGGGACACCCCTTTGAAACCCCTGACC  
 AAGGAAAGGCTCGGCTACTGACATACTGGGAACAGATGGACTACGGGCTCCAGTTTACCTCTTCCCGCAA  
 ATTCTCAGCATCTCTCTATTATCTACTCTACCTCGCCAGCTTCTACACCAAGTATGATGCTGTTTAC  
 TTCTCATCAACACAGCCTCATTGCTCAGCGTACTGCTGCTAAGTTGCCCGAGTTCCACGGGGTTTCGTC  
 TCTTTGGCATCAACAAATACTGAGGGATGGGCTGGGGACGACGTTGGG

917

TCGAAGCTTCCGAGACTTCAAAGTTTCAAGTTTCACTCAGACCTCGGCTACAGGCACAAGTAC  
 ATCTACAAGAGCCCCGAGCTTCCACGGATACTGAGGGAGTTCTTGGGAGGGCGGAACGTGAGCGTCAGC  
 ACTGAGCCCTGCTGCTGAAGGAGCATGAAGACCTCTGCCCTCTCCCTTCCAGCCAGCCCGGCAC  
 CCTGGAGCCTGGGGGTGCCTGCAGCCACGATGCGCCTGGAGAGAGGCCTCAGATGCCAGCTGGGGCAGAA  
 CGAGGAGGCCCTGGCGGACCTGAGGCTCCCTGCCCTGGTGGCCGGGAACATGGATCTTTGTGGAAAATGC  
 AGGTGGCAGACAGGTGGCCCTCTCCCTCTTGTCTGCCACTCAACCTAAGCTGGCG  
 >GBEQ2178 |Acc|BI961152|Ver|BI961152.1 GI:16319355|MONO1\_6\_F10.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:556  
 GCACGAGCTCGGAGGTGCCGGCCGCTCGGTGGCTCTGAGGAGCGGCAGCTACTGGTGGCCTGTTTGCAGG  
 TGTACTGCTGTCTACTAAACACGGGCCCATTTGAAAGCACTAGGGAAGCTCAGCCATCAGTATGTCCAAGT  
 ACAAACTGATTATGTTAAGACATGGCGAGGGTGCTTGGAAATAAAGAGAATCGTTTTTGTAGCTGGGTGGA  
 TCAGAAACTTAACAGTGAAGGACTGGAGGAAGCTCGGAAGCTGTGGGAAGCAGCTCAAAGCTCTAAACTTT  
 GAGTTTGATCTTGTATTACATCTGTCTCAATCGGTCCATCCACACAGCCTGGCTAATCCTAGAAGAAC  
 TGGGGCAGGAGTGGTTCTGTGGAAAGCAACTGGCGTCTAAATGAGCGTCACTATGGAGGCTTGATCGG  
 TCTCAACAGGGAGCAGATGGCTTTGAATCACGGTGAAGAACAAGTGAAGGTCTGGAGAAGAAGCTACAAT  
 GTGACCCCGCTCCCATTTGACGAGTCTCATCTCACTACCACGAAATCTACAGTGACCGGAGGTAT  
 >GBEQ2179 |Acc|BI961146|Ver|BI961146.1 GI:16319349|MONO1\_6\_F04.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:521  
 GCACGAGCAAAAAGCAAGCTGGACAAAAGAAGAAACAAGGACATGACCAAAAGGCTGCTGCCAAAGCTGC  
 CTTAATATATACCTGCACTGTCTGTAGGACACAAATGCCAGACCCTAAGACCTTTAAGCAGCACTTTGAG  
 AGCAAGCATCCTAAGACTCCACTTCTCCAGAATTGGCTGATGTTTCAGGCATAAAGTTGTTTACAGGTGA  
 ATTCATGACACCTTTGACTCTTCTCAGACCTTAGGTAACAAACCTGCAGCTGCTTTTCTAACAACTGTT  
 GATCAGCAAAAATAAAGGGGTACAGAAACACTCATTTTTATGCTGTTTCCCTTTTGGGCTTCATGCAAG  
 ACAATTCTGTGTAAATGTACAGTTGACTCTGATTTGGAATCTGAAATCAGTCCATCCTTGTATAAAA  
 AATTTTTTTTACAATTGTAATTATATTGATGTTTCATATTGTGTAAATAACTCATTTAATAAAGTAGTACT  
 TTGATTTTACAACAAAAAATAAAAAA  
 >GBEQ2180 |Acc|BI961126|Ver|BI961126.1 GI:16319329|MONO1\_6\_D02.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:431  
 GCACGAGAGCTGATAAAGCGAAGCTCCAGCCTGAAACGGAGGCTCCACCGCACGGAAGAAGATGCGCGCGC  
 CCATCCCGGAGCCCAAGCTGGAGACCTGATTGAAATTTCCGCCCTTTCTACAGACACTGGGCCATCTA  
 CGTTGGCGATGGATATGTGATCCACCTGGCCCCCAAGTGAGATCGCGGGAGCTGGTGCAGCCAGCATC  
 ATGTCTACCCTGACTGACAAGGCCATAGTGAAGAAGGAAGTGTGTATGATGTGGCCGGGAGGGACAAGT  
 ACCAGGTCAATAACAAACACGATGACAAGTACTCGCCGCTGCCCTCCAGCAAAATCATCCAGCGGGCGGA  
 GGAGCTGGTGGGCGAGGAGGTGCTGTACAAGCTGACCAGTGAGAAGTGCAGGACACTTTGTGAACGAGCTG  
 CGCTACGGAGT  
 >GBEQ2181 |Acc|BI961121|Ver|BI961121.1 GI:16319324|MONO1\_6\_C09.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:319  
 GCACGAGCACCAGCTCCTCTGTCCCCACCCGGGCGTCACGATGGAGCTCCAAAAGACCCAGCCAGGAAT  
 CTGGACAAGTTTCATTGAAGACTATCTCTTGCCAGACACACGGTTCCGCAGGCAGGTCCGAGAAGCCATCG  
 ACATTATCTGCAGTTTCTGAAGGAGAGGCGTTTCCGAGGTGCCGTTCCCCCTGTGCGGGTGTCCAAAGG  
 GGAGAAGGGTGGCTCCTCACGCAAAGGCACGACCCTCAAAGGCCGATCCGATGCTGACCTCGTCTCTTC  
 CTTGACTACCTCACGAGTTTCCGGGAGCAGTTTGAGCGC  
 >GBEQ2182 |Acc|BI961117|Ver|BI961117.1 GI:16319320|MONO1\_6\_C04.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:443  
 GCACGAGGCGACGCGGGCCGACAGCACGACGAGAAGCAGTCCGGCGGCAGGATGAGTGCAGGCTCAGAC  
 CCCGTGGTCACTCGTCTCGGCGGCGCGGACCATATTGGCTCCTTCAATGCTGCCCTTGTCCACCGTGCCTCG  
 TCCATGACTTTGGGCTCGACTGCTCATCAAGAAGTCTGTAAGAGGGCCCGTGGCCCCCTGAAGACGCTGTC  
 AGAGGTCACTTTTGGACAGTTTTTGGCAGCAGGTTGCGGGCAGAATCCTGTTGACAAGCCAGTATGGGT  
 GCAGGGATCCCCCTACTCTGTTCCAGCTTGGAGCTGCCAATGATCTGTGGGTGAGGCTGAAAGCTGTGT  
 GCCTTGCAGCCCAGTCGATAGCGATCGGAGACTCCAGCATTGTGGTTGCAGGAGGCATGGAAAGTATGAG  
 CAAGGCTCCTCACTTGGTTCACT  
 >GBEQ2183 |Acc|BI961114|Ver|BI961114.1 GI:16319317|MONO1\_6\_C01.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:124  
 GATGGCAGTGGAGGTGAAGGAAATGATCGTGTGCGGGACCTGCGGAGTGAGGTGGAGGGAGTCAAGTAAT  
 ATTATGACCCAGAATGTGGAGCGGATCTGGCCCCGAGGAGAGAACTTGGACCAT  
 >GBEQ2184 |Acc|BI961112|Ver|BI961112.1 GI:16319315|MONO1\_6\_B11.b1\_A005 Monocytes (MONO1)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:571

919



TTGGATCACTNTGATATAAAAGTGTCT  
>GBEQ2190 |Acc|BI961094|Ver|BI961094.1 GI:16319297|MON01\_6\_A03.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:411  
GCACGAGCGGCACGAGCGGCACGAGAGCTGGAGGAGCCCGGGATGGGTGCGGCTCGCGCTCTGCCTCGCA  
GGCCTAATGCTCTCTCTACGCACTGCACGTGAAGGCGGCGCGCGCCCGGGACAAGGATTACCGCGCGC  
TCTGCGAGGTGGGCACAGCCATCAGCTGTTTCGCGCTCTTTTCTCCAGGTGGGGCCGGGGCTTCGGA  
CGTGGAAACATGTGTTAGGCCGGGACAGCATCCTCAATCAATCCAACAGCATATTTGGCTGCATCTTCTAC  
ACACTACAGCTGTTGTTAGGTGAGGGGGCCCTACCCCTTCCCTACAGGCCCCGCCCCCTTCGTGACAGGCGC  
CCTCGCCCCCTATCCCAACAGGAGACAGCCAGCTGCTCATCACAGAGCACTGTGGGGG  
>GBEQ2191 |Acc|BI961093|Ver|BI961093.1 GI:16319296|MON01\_6\_A02.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:321  
GCACGAGCGGCCAGTGCGGGCAGTGGCGGCAGCTTCGGGCCCACAGACTGGTTTGCAGACCCCTCGAT  
TCACTGCCATACACCTCCAGGATTGCCTGGACTCAGGCATTGGCTCCCTGGAGAGCCAGATGTCAGAAC  
TGTGGGGGTTCGAGGAGGCGCCCTGCTGAGGCCCACTCGGGGCCCTTACGCTGGCTACAACCC  
CTACGGGGCTGAGCTCCCAGCCACTCCGGCCTTCTCTGCTTTGGCCGGGCTGTGGGTGCCGGCCACTTC  
AGTGTCCCTGCTGACTACGCCCCCGCCAGCTGCCTTCC  
>GBEQ2192 |Acc|BI961090|Ver|BI961090.1 GI:16319293|MON01\_5\_H11.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:605  
GCACGAGCGGCACGAGTTTCCGCTCACTCGCCAGTACCCTGAGCACAGTTTTTGTACCAGATCTGTTGC  
CTACAGTAATAAAAAATGGCCAGAGGATCAGTGTCGATGAAGAAATGATGGAGCTCAGAGAAGCTTTTG  
CCAAAGTTGATACTGATGGCAATGGGTACATCAGCTGCAATGAGTTGAATGACTTGTTCAAGGCTGCCTG  
CTTGCTCTGCTGGATACAGAGTGAGAGAAATTACGGAGAACCTAATGGCTACAGGAGATCTGGACAAG  
GATGGGAAGATCAGCTTTGATGAGTTTATCAAGTTTTTCATGGACTAAAGAGCACAGAAGTTGCCAAGA  
CCTTCAGAAAAGCGATCAATAAGGAAGGAAGGATTTGTCAATTGGGGGGACGTCAGAACAGTCTAGTGT  
TGGCACTCAACACTCCTATTTCAGAGGAAGAGAAGTATGCTTTTGTCAACTGGATCAACAAAGCCCTGGAA  
AAGACCCTGATTGCCGGCATGTATCCCAATGGACCCAAACACCAATGATCTCTTCAGTGCTGTTGGGG  
ATGGCATTGTCTTTGCAAAATGATCAATTTGTCTAGTGCCAGACA  
>GBEQ2193 |Acc|BI961084|Ver|BI961084.1 GI:16319287|MON01\_5\_H03.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:525  
GCACGAGCGGCACGAGCGGCACGAGCCATCTCCACGCCAAGGTTAGACAAAAATGCCAGGAATGTTCT  
TCTCTGCGAATCCAAAGGACTTGAAAGGAACGGATCAGTCACTTCTAGACGACAAAACGCAAAAAAGGAG  
GCCAAAGACTTTTGGGATGGACGTGAAAGCATATCTGAGATCTATGATCCCATCTGGAATCTGGAATG  
AAATCTTCTAAGTCTAAGGACATACTCTCTGCTGATGAAGTAATGCAATGGTCTCAGTCTCTGGAAAAAC  
TTCTTGCCAAACCAAACTGGTCAAGATGCTTTGGAAATTTCTTAAAGTCTGAGTTTCAGTGAGGAGAATAT  
TGAGTTCTGGCTGGCTTGTGAAGACTATAAAAAACAGAGTCTGATCTTTTGCCTTGCAAAGCAGAGAAA  
ATATACAAAGCGTTTGTGCATTTCAGATGCTGCTAAACAAATCAATATTGACTTTCACACTCGAGAATCGA  
CAGCCAAGAAGATCAAAGCACAACCCCTCACATGT  
>GBEQ2194 |Acc|BI961081|Ver|BI961081.1 GI:16319284|MON01\_5\_G12.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:484  
GCACGAGGACAAACTCAGGGAATCCCTTCCACTACTTCTCGTATGGGGTGGCTTGCTCTGAAGTGAAAT  
TGACTGCTTAACAGGGGATCACAAGAACCTCCGCACAGACATCGTCATGGATGTTGGCTCCAGTCTGAAC  
CCTGCCATCGATATTGGACAGGTGGAAGGGGCATTGTGCCAGGGCCTTGCCCTCTCACCCCTGGAGGAGC  
TGCAGTATTCCCCCGAGGGAAGCCTGTACACCCGCGGCCCCAGCACCTACAAGATCCCTGCATTTGGCAG  
CATCCCCATTGAGTTCAGAGTGTCCCTGCTCCGTGACTCCCCCAACAAGAAGGCCATCTATGCATCCAAG  
GCTATTGGGGAGCCACCCCTCTTCTGCGCTCCTCCATCTTCTTTGCCATCAAGGATGCCATCCGTGCAG  
CTCGAGCTCAGCACTCTGATAATAATATCAAGGAGCTCTCCGCTAGACAGTCTGCCACCCC  
>GBEQ2195 |Acc|BI961080|Ver|BI961080.1 GI:16319283|MON01\_5\_G11.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:599  
TGGTGGTGCTGAGACTGAGTGCCGGGACGACTGATTAGCGTCCAGGGTAGACATGGAGCCGGGAGCTGAG  
GACTTCTTGCCGCCCGGAGTGCCCGGTGTTCCAGCCAACCTGGGCCGAATTCCGAGATCCGCTTGCT  
ACATCGCGAAAAATCAGGCCCATCGCGGAGAAGTCGGGTATTTGCAAGATTCTGTCACCCCGGGACTGGCA  
GCCTCCCTTTGCAAGTAGAAGTTGACAATTTCAAGTTTACTCCTCGCATCCAGCGGCTAAATGAATTAGAG  
GCTCAGACCAGGGTAAACTGAATTATTTGGATCAGATTGCAAAATTTCTGGGAAATCCAAGGTTCTTCAT  
TAAAAATTCCCAATGTGGAGCGGAAGATCTTGACCTTACAGCCTTAGTAAGATTGTGATGGAGGAAG  
TGGCTATGAAGCCATCTGCAAGGATCGTCATGGGCGCGGGTTGCCAGCGTCTCAACTACCCACCAGGC  
AAAAACATTGGCTCGTGTCTAAGATCTCACTATGAGCGCATCATTTACCCTTATGAAATGTTTCAGTCTG  
GAGCCAACCTTGTGCCATGTGACACTACCCATTGACA

>GBEQ2196 |Acc|BI961078|Ver|BI961078.1 GI:16319281|MONO1\_5\_G09.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:511  
GCACGAGAACAAGATGGCGGCGGAGACGGTGGAGCTCCACAAGCTGAAGCTTGCCGAACATAAGCAGGAG  
TGTCTTGCTCGTGGTTTGGAGACCAAGGGAATAAAACAAGATCTCATCAACAGGCTCCAGGCATATCTTG  
AAGAGCATGCTGAAGAGGAGGCAAATGAAGAAGATGTACTGGGAGATGAAACAGAGGAAGAAGAACAAA  
GCCCATAGAATGCTGTCAAAGAGGAAGAACCCCTGAAAAAACTGTTGATGTGGCAGCAGAGAAGAAA  
GTGGTAAAAATTACATCTGAAATACCGCAGACTGAGAGAATGCAGAAGAGAGCTGAACGATTCAATGTAC  
CTGTGAGCTTGGAGAGTAAGAAAGCTGCCCGGCGAGCTAGATTGGGATTTCTTCAGTTCCATCAAAGG  
CCTGTCTATCTGACCAAGCCTATGGTTAACCTGGATAAGCTAAAGGAAAGAGCTCAAAGATTTGGTTTG  
AATGTCTCTTCAATCTCCAGA  
>GBEQ2197 |Acc|BI961076|Ver|BI961076.1 GI:16319279|MONO1\_5\_G07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:479  
GCACGAGACAGGGTTCACGTCAGCACGGCCCGGCGGCTCTCTCTGCTCCCTCACCTCGCTCCACCGGG  
GGACCATGGGACCGTCCGTGCTGTGCACAGCAGAACTCGTGTGCTTCTGCTCCCTGGAGAGAGGAC  
CCGGCTCAGGCTGACGAGAATAGACACGGGTGAGGTGCACGTCCATCTGCGGACACCAGGCTTGCTGCCT  
GCAGCCGAGGAGAAGAACCGTGGGAGGAGGGGACGCAGACAGACCTGGGGTGC CGCGGTGTGTGCTGGCA  
TGTGTGTGTGCACAGATGTCCTGCTTGGCTCTCTCTCCCTCCCCACCTAGGAGAGGCAGGACCCCTTAG  
CAAAACACTTTTCTTGCCGACTTGCCATGTTTTTGCCAAAACCAGGAATTTGAAGGACTTGCCCATCTCC  
AGCGGGGGGTTCGGGACGCTGGGGCGGCCATCTCGGGGGGCGCGCTCCTCCAGCCTCGT  
>GBEQ2198 |Acc|BI961074|Ver|BI961074.1 GI:16319277|MONO1\_5\_G05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:501  
GCACGAGCTTGGACGGACAATTTTGGGAACCAACTGAAAAATCAAATCTATAAATCGTAAAGACTTAGT  
GGAGTATATAACCACGCATTATAAGGGGCCAAGAATAGTACTTGCCGCTGCTGGAGGAGTTTCCCACGAT  
GAGCTGCTTGAGTTAGCGAAGTTGCACTTTGGTGAGTCTTTGTCCAGACACACAGGAGAAATGCCAGCTC  
TGCTCCCTGCAGATTACGGGAAGTGAGATTGAGAGTGGGGATGACAAGATGCCCTCTGGGCACACCTTGC  
AGTAGCTGTGCGAAGCTGTGGGTGGGCACATCCAGATACCATCTGTCTCATGGTTGCAAACACACTGATT  
GGTAAGTGGGATCGCTCTTTTGGAGGAGGAATGAATTTATCTAGCAAGTTGGCCAGCTCAGCTGTACAG  
GCAACCTCTGCCACAGCTTCCAGTCTTTCAACACCTCCTACACAGACACAGGATTGTGGGAATCTATAT  
GGTTTGTGAAC  
>GBEQ2199 |Acc|BI961069|Ver|BI961069.1 GI:16319272|MONO1\_5\_F10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:360  
GCACGAGCCAATACAGAAGTGACTCAGAGAACTCCATTCTACCACTATGAAGAAAAGTGGTGTTCCTTT  
CGTTTTGGGTATCATCTTCTGACTCTGATTGGAGTTCAAGGAGCTCCAGTAATGAGGAAGGGACGCTGT  
TCCTGCATCAAGACCAAGCCAGGACGATCCGCCAAAACCTGTTAAAGGACCTTAAACAGTTTGTCTCAA  
GCCCTTCTTGTGAGACAACATCATTTGCTACAATGAAGATGGAGACCAACATGTCTAAACCCAGA  
TTCAGCAGAAGTGAAAGAATTAATTAAGAGTGGGAGAAACAGGTCAGCCAAAAGAAAAGCAAAAAAA  
AAAAA  
>GBEQ2200 |Acc|BI961063|Ver|BI961063.1 GI:16319266|MONO1\_5\_F02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:470  
GCACGAGCGGAGCTGTACGTGAAGCCGGGCAATAAGGATCGCGGCTGGAACGACCCGCCCCAGTTCTCCT  
ACGGGCTGCAGACCCAGGCTGGTGGACCCAAGCGCACGTGCTCACAAAAGGGTTCGCTGCCCCCAGGA  
TGGATCCCTAGAGTCCCCATCTCAGAGACTTCTCTGGGGCCCCCAGTGGGGCTCCACCTCTTTCA  
AGTAAGGCTTCCAGGCCCCACCTGTTGGGAGTTCTCTGCTGCAAGTGTGGAGCCCAAAATTTCCAG  
TTATTGAATGTGAGACTCTGCTAGAAGATGTGCTGAAACCTTTGGAAGAGGCATTGGACGATTGCCGTGG  
CCACACAAAGAAGCAGGTATGTGATGACATCAGCCGACGCTGGCTCTGCTGCAAGAACAGTGGGCTGGA  
GGGAAGCTGTCAACGCCTGTAAAGAAGAGGATGGCTCTGCTGGTGCAAGA  
>GBEQ2201 |Acc|BI961062|Ver|BI961062.1 GI:16319265|MONO1\_5\_F01.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:394  
CACGAGGACGGGTGGTGGCTCAGTGCTCCGCGCGGCTGCTGCAGCAGGAAAAAGAGATTAAAGTCTCTGA  
CTCGGAAATTGATCAGTTGAAAACTGTGGTTGTTTGGAGCTTCTCCAAATTTGGAGCAGTTGCGGGA  
AGAAAATTTAAATTAAGTATCGACTGAATATCCTTCGAAAGAGTCTTCAAGCAGAAAGGAACAGACCA  
ACTATGATTAACATCAATAGCCGCTGCAAGAGGTCTTTGGTTGTGCCATTAAAGGCTGCATATCCAGATT  
TANAAAATCTCTCTGATAGTGACACCAAGTCAACAGCCCAAGTTTGGGGACTATCAGTGTAATAGTGC  
TATGGGTATCTCTCAGATGCTCAATCCAAGAACAGAAAGTTA  
>GBEQ2202 |Acc|BI961061|Ver|BI961061.1 GI:16319264|MONO1\_5\_E12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:520  
GCACGAGCAGCCATCTACTCGGCGTCATGGCTGCCCTCAGACCCCTCGTGAAGCCCAAGATCGTCAAAAA



GAGGACCAAGAAGTTCATTCCGGCACCAGTCAGACCGATATGTCAAAATTAAGCGTAACTGGCGGAAACCC  
AGAGGCATTGACAAATAGGGTGCGCAGAAGATTCAAGGGCCAGATATTGATGCCCAACATTGGTTATGGGA  
GCAATAAGAAAACGAAGCACATGCTGCCCAGTGGCTTCCGGAAGTTCCTGGTCCACAATGTCAAGGAGCT  
TGAAGTGCTGCTCATGTGCAACAAATCGTACTGTGCTGAGATTGCTCACAATGTCTCCTCCAAGAACCGC  
AAAGCCATCGTGGAAAAGAGCAGCCAGCTGGCCATCAGAATCACCAATCCCAATGCCAGGCTGCGCAGCG  
AAGAAAACGAATAGACGACAGCTCGTGTGCGCATTGTATTGTGTTAATAAAACCATGAAACTCTGCCGT  
CTGGCAATTCAAAAAAAAAAAAAAAAAAAAAA

>GBEQ2203 |Acc|BI961054|Ver|BI961054.1 GI:16319257|MON01\_5\_E04.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:564

GCACGAGAATCTTGTCAACGTGTTGAGATCATTGCCACAATGAAAAAGAATGGGGAGAAAAGATGTCTGA  
ATCCAGAGTCCAAGACCGTCAAGAATTTACTGAAAGCAATTAGCAAGCAAAGGTCTAAAAGATCTCCTCG  
AACACTGAGAGAAGTATAATTACGGTACTACTGATACGGATGGCCCAAGAGAGGCCGCTCTGCCATCAT  
TTCCCTGCATACAGTATATGTCAAGCCCTAATTGTCCCGGATTGCAGTTCTCCTAAGATGACCAACCAG  
TCACTTAAGTACTGCTACTCTGTCAGGGAGGTGGATGGTTCATCATCCTGAGCTGTTTCAGTAGTAA  
CTCTGCCTTGGCACTATACTATAAACTATGCTGAGGTGCTACATTCTTAGTAAATGTGCCAAGACCTAGT  
CCTGCTACTGACACTTTCCTCGCCTTGCTATACTCTAAAGGTCTCAACGGATCTTCCACCTCTGGGC  
TTATCAGAGTTCTCAGATCTCAAATACTAAAAGGTACGCAATCAAAGCAATAATACAATCTGCTTTTTT  
AAGA

>GBEQ2204 |Acc|BI961045|Ver|BI961045.1 GI:16319248|MON01\_5\_D05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:548

GCACGAGCGGAAGTCAGCAAGAGTGACATAGGAGAAGTGATTCTTGGTGGTGGTATGACTAGGATGCCTA  
AGGTTTCAGCAGACCGTGCAGGATCTCTTGGCCGAGCCCCAAGTAAAGCTGTCAATCCTGATGAGGCTGT  
GGCCATTGGCGCCGCCATTACAGGGGGGTGTCTTGGCTGGTGTGTTACAGATGTGCTACTCCTGGATGTC  
ACTCCACTGTCTCTGGGTATTGAGACTCTAGGAGGTGTCTTTACCAACTAATTAATAGGAACACCACTA  
TTCCAACCAAGAAGAGCCAGGTGTTTTCTACAGCCGCTGATGGACAGACTCAAGTGGAGATTAAAGTGTG  
TCAAGGTGAGAGAGATGGCTGGAGACAACAACTTCTTGGACAGTTTACTTTGATTGGAATCCCCCA  
GCCCCCTCGTGGAGTCCCTCAAATTGAAGTTACATTTGACATTGATGCCAATGGGATCGTACATGTTTCTG  
CCAAAGATAAGGTTACAGGACGTGAGCAGCAGATTGTGATCCAGTCTTCTGGTGGGTT

>GBEQ2205 |Acc|BI961038|Ver|BI961038.1 GI:16319241|MON01\_5\_C09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:465

GCACGAGCGGCACGAGCGCTGGAGGTGTAAAGCTTTTGGCCTTCATTTCTTTCTCCTCAGCCTAGAAGAA  
ACACCTGAACATGTGGAATCCCAATGCTGGGCATCCAGGGCCTGCTCATCCTGTGCCACCGCCAGGGTAT  
CCAGGATGCCCCACCTTCAGGTCCCTACCCCCCGCCATGCCACCGCCTGCCCTGGCATGCCTCCTGTGA  
ATCCCTTGGCTCCTGGCCTGGTAGGACAGGAATGGTGTATGGACAAGAAGATGCGGAAGAAAATGAAGAA  
AGCTCATAAAAAGGCGCACAAACACGACAAGCATGGCAAGCATTCCTCCTCCTCCTCCTCCTCCAGCAGT  
GACTCTGACTGAACACAGAGCCTGGACCCTTCCCTCAAGTCTCTCCAGTTCTGCTCTCCCATCAAGCTTC  
AGATGCCATCTTGTACTGGGGGAAATTAGCCCTCATGTACACCGC

>GBEQ2206 |Acc|BI961037|Ver|BI961037.1 GI:16319240|MON01\_5\_C08.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:602

GCACGAGGTGGCAAGAACACAGCAAAATAAAAAAATGTTGAAGGATGCATTTCAGTTTACTAGCTTATTCAG  
ACCCTTGGAAACAGCCAGTTGGAATCAGCTTGACCAATTCAGAGAGAACCTGTGTGCTCAGCTCTTAA  
CAGTGCAATATTAGAAAACCCACAATCTGCCAAAGCAACCTCCACTTGCCCTAGCAATGGGACAGGCCACA  
CAATGTCTAGGACTGATGGCTCGATCAGGAATCGGATCCTGTGCATTTGCCACAGTAGAAGACTACCTAC  
ATTAGCTATGCATTTAAGGAGTTTACACTTATATTGTGGCATATAGTCAACATGGAAGTAGACCAGCTCT  
GCTGATTTGAAATTTAGATTTTTTTAATTATGTACTGGGGACAGGTTTTTGTGCGTTTACATTGCTTCCCT  
AGTTTACAGCATGATGCAAAATGATTTTCTAACTTAGTGTAGGAGAAATTATTTCCATCTTTAACCTCT  
TAGTTGTCTAAGAGTTAAATATTACTGAATTTACAGCGTTCAAATTGATCATCACAAATCCTTTAAACA  
ATTACCTAAAAGAAACCAAAAAACCTGCCTTCTTTGTTGGG

>GBEQ2207 |Acc|BI961033|Ver|BI961033.1 GI:16319236|MON01\_5\_C04.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:446

GCACGAGCCAAGATGCCAGATGAACCGCTGGAACAGGGCCCTTACCAGTCTCTACTGCCTTGCCCCCTG  
GCTTGGCCAAATCGTCTTCAGAGTCTCCAGTGAGGAAAGCAGCAGTGAGAGCTCTTCTGAGGAAGAGGA  
GGATGAAGATGAGGAGGAGGAAGAGGAAGAGGAGGAGAGTGAAGCTCTGACTCTGAAGAAGAAAGGGCT  
CATCGCTTGGCTGAATTACAAGAACAGGTATTATTATCACTGTTTCAGTTTATTGGGTAAGAGATTAC  
ACCATAACTTTTTTTTCTTTTTTGGTCTATTTATTCTACTTTATTTTCTATTTTGTGTTGATTCTTTTCC  
TTTTCTAGCTTCGGGCAGTACATGAACAGCTGGCTGCCCTATCCCAAGGCCCAATATCCAAGCCCAAGCG  
GAAGAGAGAAAAA

>GBEQ2208 |Acc|BI961032|Ver|BI961032.1 GI:16319235|MONO1\_5\_C03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:497  
GCACGAGCGGCACGAGGTGTCATGGAACCCCGGGGCCGGGACCCCGGCGTGACGGCAAGGACACAGTCA  
TCGGTGTGCTGGACATCTATGGCTTCGAGGTGTTCCTGTCAACAGCTTCGAGCAGTTCTGCATCAACTA  
CTGCAATGAGAAGCTGCAGCAGCTCTTCATCCAGCTCATCCTGAAGCAGGAGCAGGAGGAGTATGAGCGG  
GAGGGCATCACCTGGCAGAGCGTGAGTGCCCGGGCCCATCCACGCGGCTGTGGGCCGTGAGGGAGCGGG  
CAGGCAAGCAGACGTGCGGAGGACGGCCAGGACGAGCGGGCGCCAGCAGGACGGTGCTCTTCTCCAGC  
CACGTCCGCAAGGTGAATCGCTTCAACAAGAGGCGGGACCGGGCACTCCTGCTCACAGACCGGCATCTCT  
ACAAGCTGGAGCCGCGCCGGCAGTACCGGGTGATGCGGGCCGTGCCCTGGACACGGTGACCGGGCTGAG  
CGTGACC

>GBEQ2209 |Acc|BI961030|Ver|BI961030.1 GI:16319233|MONO1\_5\_C01.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:307  
GCACGAGAGAGAGAGAGAGAGAGAGAACTAGTCTCGAGTTTTTTTTTTTGGCCGCTTGGCCATCCGGTAC  
AGAATGTATTGCCAAGTACAACCTTCCATGGCACTGCTGAGCAAGACCTTCCCTTCTGCAAAGGAGATGTG  
CTCACCATTGTGGCCCTCACCAAGGACCCCACTGGTACAAAGCCAAGAACAAGGTGGGCCGTGAGGGCA  
TCATCCCAGCCAACATATGTCCAGAAGCGGGAGGGCGTGAAGGCGGGCACCAAACCTCAGCCTTATGCCCTG  
GTCCATGGCAAGATCACGCGGGAGCA

>GBEQ2210 |Acc|BI961029|Ver|BI961029.1 GI:16319232|MONO1\_5\_B12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:522  
GCACGAGCTCGTGCCGCTGTGCCCGGCCCGCACCGGCCCGCCGCGCCCCACCCACCCAGGGCGAGCCCC  
CTCAGCCCCCGCCACCGGCCAATCGGACTACACTAAGGCCCTGGGAAGAGTATTACAAAAGATCGGCCA  
GCAGCCCCAGCAGCCCGGAGCACCCCGCAGCAGGACTACACGAAAGCCTGGGAGGAGTACTACAAGAAG  
CAAGCTCAAGTTGGCCAGCGGAGGGGGTCCGGGAGCACCGCCAGGCTCCCAGCCGGACTACAGCGCCGCCT  
GGGCTGAATATTACAGACAGCAGGCCGCTTACTACGGACAGACTCCAGGTCTTGGCGGCCCGCCAGCCTCC  
ACCCACACAGCAGGGACAGCAGCAGGCAAGTGGGAATTGCCACCTCCTCCTCCTCCTTTTTCCTTCCAA  
CCCCCGGCCACCGTCCATCCTGCCTTAGTGGGTAGCGCCGGAATCCCTTCCCCTGCGGGGTGTGTCTT  
GATGCCTGCAGCGGGGCGCTGTGGCCAGAG

>GBEQ2211 |Acc|BI961025|Ver|BI961025.1 GI:16319228|MONO1\_5\_B08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:482  
GCACGAGCGCGTTCTACCTCATACTCCCCACTTGCAAGCCTGTCCCTCAAAGCACTACTAAAGGATTTTG  
CAATATTAATTTGCTTGAGGACTTGCCCTCTGCAAGAGCCTCAGTCACCTCACAAGCTCAACCCAGGTTTT  
GATCTGGCTAAGGGAAATGCTGGTAAAGTAAACCTGCCCAAGGAGCTACCTGCAGATGCTGAGAACCTAA  
CAATACCTGCCTCTTTGGACATTTCCCTCTGTTGGGCTTCTGGCAGCTGCCCCCTCCTGCTACCCAAAA  
TGCCCTTTGGGAATAGCACTCTCACCTTGGGGCTGGGGAGTCTCTGCCCCATCGGTTAAGCTGTCTGGGG  
CAGCAACAACAAGATCCCTCAGTCCATGAGCACTGAGCCTTGGGCCAGCTCCCCCTCCCTCCCATCC  
CCCACGTTTTCCCGGCTGGTACTGGTTCCGGCTATCCTGCCTCATTTCCATCATGCATTTCAGA  
>GBEQ2212 |Acc|BI961024|Ver|BI961024.1 GI:16319227|MONO1\_5\_B06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:583  
GCACGAGCGGCACGAGTGCAGCGCTCTCGTCTTTTCTGCCTGTCCGTGCTATCTCTTTTCGCTTCCGG  
AAACATGGCCTCTGGTGTGGCTGTCTCTGATGGCGTCATCAAAGTGTTCATGACATGAAGGTGCGTAAG  
TCGTCAACACCAGAGGAGGTAAAGAAGCGCAAGAAGGCAGTGCTCTTCTGCCTGAGTGAGGACAAGAAGA  
ACATCATCTCTGAGGAGGGCAAGGAGATCCTGGTAGGTGATGTGGGCCAGACCGTAGACGACCCCTACGC  
CACCTTTGTCAAGATGTGCCAGATAAGGACTGCCGCTACGCCCTCTATGACGCAACCTACGAGACCAAG  
GAGAGCAAGAAGGAGGACCTGGTGTATCTTCTGGGCCCTGAGTCTGCACCCCTTAAGAGCAAAATGA  
TCTACGCCAGCTCCAAGGACGCCATCAAGAAGAAGCTGACGGGGATCAAGCATGAATTACAAGCAAACCTG  
CTACGAGGAGGTCAAGGACCGTTGCACCTCTGGCAGAGAAGCTGGGGGGCAGCGCCGTATCTCCCTGGAG  
GGCAAGCCTTTGTGAGCCCCCTC

>GBEQ2213 |Acc|BI961018|Ver|BI961018.1 GI:16319221|MONO1\_5\_A11.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:556  
GCACGAGCTCGTGCCGCTCGTGCCGCTCGTGCCGGTGTGCGGCCACCCCTGGCCCCGGAGGATGCCCCC  
AGCGCCGCTCCCCCGCGCTACCCCTGCCCGCTCTCGAGCCCTTAATCTGACCTCGGAGCCCTCGG  
ACTACGCTCTAGAATCAGCAGCTTCTCCAGCAACACCCGGCTGCCTTTTAACCGTGACTCCCCATACT  
CCCAAAAAAGAACCTGAAAAATTAAGAAACACAGGTGTACCTGGTGCGCAAGAGCGTATCCCAAAGT  
GGGACTCCGAGGCAACTCAGACTCAGAACACTACAGCGGAGACGCCCGCCCGCGCCTGGGAGGAGACAAG  
CGGACACCCCGGGCTGGCGCGGTGCAGGAGAGCGTCTGTTAATTTATTTCTCAGTGTTCCTAATTAAT  
ATTTATATATATTTATGTATGTCCCCCTAGGTGATGGAGGGCTGTGTGTAATATTTATTTTAACCTATG  
CACGGGTGCGAGATGTGCTCCCTTGCTGCAATGCAGATCTCTTGGTATTTATTGAGCTTTATGGG

>GBEQ2214 |Acc|BI961016|Ver|BI961016.1 GI:16319219|MON01\_5\_A09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:557  
GCACGAGTACCAGAGCCTCCGGCTGGAGTACCTGCAGATCCCACCAGTCAGCCGCGCCTACACCACCGCC  
TGCGTCTCACCACCGCGCTGTGCAGTTGGAATTGATCACACCTTTTCAGTTGTACTTCAATCCTGAAT  
TAATCTTCAAACACTTTCAAATATGGAGGCTAATCACCATTCTTATTTTTTGGGCCAGTTGGATTCAA  
TTTTTATTTAAATGATTTTTCTATATCGTTACTGTGCAATGCTAGAAGAAGGCTCTTTCCGAGGTCGG  
ACAGCAGACTTTGTATTTATGTTCTTTTTTGGTGGATTCTTAATGACTCTTTTTTGGTTTGTGTGAGCT  
TAGTTTTCTTGGGCCAAGCCTTTACAATAATGCTTGTCTACGTGTGGAGCCGAAGAAACCCATATGTCCG  
CATGAACCTCTTTGGCCTTCTCAATTTCCAGGCCCTTTCTACCTGGGTGCTCATGGGCCTTTCTCTTG  
TTGTTGGGGAACCTCAATCATTGTGGACCTCTTGGGTATTGCAGTTGGACACATATATTTTTCTTGG  
>GBEQ2215 |Acc|BI961015|Ver|BI961015.1 GI:16319218|MON01\_5\_A08.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:496  
GCACGAGCTCGTGCCGGCAGTATAAAGTTTGTCTCCTTTGTTCGCCCTCGTTGCGCAGTAGTGCTCG  
CGGCTTCCCTTTTCGGTCTTCGGAGCCGGCAGCCCTCTCTCGTGCTGAGCTGCTAGGAAGCCCTGTCCG  
CGAGCTCGTAGGAGCCAGGAAGCGTCGCCCTCCCCCGATTCTCACCAGGGAAGAAAAATGGTTGAAGC  
AGATCGCCAGAGAAAGCTGTTTATTGGTGGCCTCAACACAGAAACAAATGAGAAAGCCCTTGAAGCAGT  
ATTTGGCAAATATGGACGGATAGTGGAAGTACTGTTGATGAAAGATCGTGAAACCAACAAATCAAGAGGA  
TTTGCTTTTGTACCTTCGAAAGCCAGCAGATGCTAAGGATGCGGCCAGAGACATGAATGGAAAGTCCT  
TAGATGGAAGCCATCAAGGTAGAGCAAGCCACTAAACCATCATTTGAAAGTGGGAGACGTGGACCACC  
TCCACC  
>GBEQ2216 |Acc|BI961012|Ver|BI961012.1 GI:16319215|MON01\_5\_A05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:484  
GCACGAGCGATACGAAGTTGGGCCCTACACTCTGTTGCCTCAAACCTAGCATTATAGATCCCGCAACT  
GGAAACTTACCAGCAAATCTTCTCTATTAGATATCATGACATGCCAGATGTTATTGACTTTCTGTAT  
TGCGTCAATTTTACGATGAAGCAAGACAGAGGAATTGGCAGTCTTGTAAAGTCTGTTTTTATTGAGTTTAA  
TGTACCCTTAGAAATTAATCTTTTGGGGCTGGCCAGTGGCGCAGAGGTTAAGTGCGCATGTTCTCTCT  
GGTGGCCCGGGGTTCCCGAGTTCGGATCCAGGTTCGGATGTTGGACATGGCAGTCTTGGCCAGCCATGCTGTGGT  
AGGCATCCCATATAAAGTAGAGGAAGATGGGCACGGATGTGAGCTCAGGGCCAGTCTTCTCAGCAAA  
AAGAGTACTACTGGTGGCAGTTAGCTCAGGGCTAATCTTCTCAAAAAAAAAAAAAAAAAAAAAA  
>GBEQ2217 |Acc|BI960997|Ver|BI960997.1 GI:16319200|MON01\_3\_G04.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:545  
GCACGAGCTCGTGCCGAATCGGCACGAGCTGACCCCACTCGGTACCCCGCTGGAAAGAGGGCGAGGA  
AGCCAGCGGTGGGGGTGCAGAGGGTCTTGGAGCAGGAGAGACAAGGGAGGAAAGACCAAAAAAAAAACCA  
ACCAACCAAAAAAAAAAGAAAGAAAGAAACCAACCAACCAAAAAAAAAAGAAACCAATAATCACAACAGAAA  
CCAGCTGCCCCCAAGGAACCAAGGTGAAAAACCAACCAATATAAAAAACCAAAACCAAAACCAAAATCC  
CCCACAAACCGAACAACCAAAACCAAGTCGCGAGCCAGACCTCAGTGTGCTCACCTCACCCTACCGCTACGA  
CACCATAAAGAACCCAGCCAGGGGTGGAGAAGCCTGGCAGGGCGGACTCAGCTGAGCCCTGGCTGT  
GGGGCCAACCCCAACCTTGCCTCCCCAGTGGGGGCCAGAGAAGGAAAAAGAGAATGTGCCAGCCTTGC  
AGCCCCAGCCCCAGCCTGGGCCAGCGAGGACAGGGCACAGCCTGGGGCAGGTG  
>GBEQ2218 |Acc|BI960980|Ver|BI960980.1 GI:16319183|MON01\_3\_E05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:532  
GCACGAGCCCGCTCAGCCCCAGCACCCCGCCCTTCGTCTCCAGCTCTCCAAATCGGACGTTCTTT  
CTAGCTGAGATTTTATTTTTTCCAGATCTGTGGTGCCATGAAGTGATTCCGTCTCTGATCTCTAATGGCA  
GACCCAGGTGATCGGGGACATGCGCACACGCCCCGCTGGACGTGGCCAAGAGCGCGAGGCAGCGCCTGGC  
GTGGCCGAGGCCACAGGTGGCCCGCTGACAGACTGACCGCAGAACTTCTGGGGTGGTTCTTGAAGTGCAG  
TCGATGGTTCTGCTTTGCCAGCTCTGCCTTCCCACAGAGACTGCACAGCTTGGACCAGGGAACCAAGGCC  
AGAGGGCGCTCATCAGGGAGCCTGTGTTTTCTTTCTCCCCGCTACCCCCAAGCTGCTGTCTAGTCCAAG  
ACATTGGGATCATAGTTTGTCTTTTTTTGAATTAACCAACATACCAGCCATAGTCTGCTCTTCCCTG  
GGATCTCTTAACATGCTCTGTTTACATCAATAAATGCACCTA  
>GBEQ2219 |Acc|BI960960|Ver|BI960960.1 GI:16319163|MON01\_3\_B09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:576  
GCACGAGTGGTGGCTGGAAAGATGCTGGGCCGAGTGCCTTCCCTTCGTCTGCTGGCCGTGGCCGTCA  
CCTGCGCCGTGGCGCAGCAGCGCCGCGTGGACAGAAGACTGCAGAAAATCCACCTATCTCTCTTCTGG  
ACCGACCTATAGGGGTCCGGTTCGGTGTACACCATAAATCTTGATTTACCACCTACAAAAGATGGCAT  
GAATTGACTGACTGACAAGGCACAGCGCTAAAGCTTATAATGAATTCAGTGAAGAATATGGTAATGCAT  
TTGTGCCAGTGGAAAAGTTATGCAGATAGTGGATCAAAAGTTGCCTGGTCTCCTCGGCACTTTCCTGG  
TCCTTTTGAGGAGGAATGAAGGGGATTGCAGCTGTTACTGACACACCTTTAAGAGAATATCTCACTTGC

AACCATATATGATGTGCTGTCAACAAAACCTGTCTCAACAAGCTGACGGTATACACGACCTTGATGGAT  
GTCACCAAAGGTCGATTTGAAAGTTACCTGCGGGACTGCCAGACCTTGCCATAGGTTGGTGAGCACACC  
TGGCCTACAGAAGGCG

>GBEQ2220 |Acc|BI960953|Ver|BI960953.1 GI:16319156|MONO1\_3\_A12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:542  
CCACCGCCGCGCCGATTCCGGAGCCGCGGAGCTGCTGCTGCCGCGCCCTGTAGCCGCGCCGCGCCG  
CTGAGGAGTGGGCTGGGAAGGAAGCGGTACCGCCCTCGGAGCTCCTCTCGCCAGGTCCTCGCCCTTG  
CAGTCTCCACGGGAATGACCATGGATAAAAGTGAGCTGGTACAGAAAGCCAAACTCGCCGAGCAGGCC  
GAGCGCTATGATGACATGGCTGCAGCCATGAAGGCAGTCACGGAACAGGGGCACGAGCTCTCCAACGAAG  
AGAGAAATCTGCTCTCCGTGGCCTACAAGAATGTGGTGGGTGCCGCGCTTCTTCTGGCGTGTCTATCTC  
CAGCATCGAACAGAAAACGGAGAGAACTGCAGGATATCTGCAATGATGTTCTGGAGCTGTTGGACAAAT  
ATCTTATTTCCCAATGCTACACAACCAGAAAGTAAGGTGTTCTACTTGAAAATGAAAGGAGATTACTTTAG  
ATATCTTTCTGAGGTGGCATCTGGAGACAATAAACAAACCACTGTGTGCAAC

>GBEQ2221 |Acc|BI960951|Ver|BI960951.1 GI:16319154|MONO1\_3\_A10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:445  
GCACGAGGGTAAATGGCATGCACATTAATTTTTTTTTTCCCTGAAGCTCTTCTCTCCCTTCAGAACCTT  
ATCTTGGCTTTGGATCTCCGAAGAGAACCCTGAGCAGAGACCAGACTCTGTGAGTGAGCAGGTGTTTTG  
GACAAATGGACTGGTGGAGCCCATCCCTATTATAAAATGTCTCAGAGCAACCGGGAGCTGGTGGTTGACT  
TTCTCTCTTACAAGCTTTCCAGAAAGGATACAACTGGAGTCAGTTAGTGACGTGGAAGAGAACAAGAAC  
TGAGGCCCCAGAGGGACTGAATCAGAGATGGAGACCCCCAGTGCCATCAATGGCAACCCATCCTGGCAC  
CTGGCGGACAGCCCCACGGGAATGGAGCCACTGGCCACAGCAGCAGCTTGATGCCCGGGAAGTGATCC  
CCATGGCAGCAGTGAAGCAAGCGCT

>GBEQ2222 |Acc|BI960942|Ver|BI960942.1 GI:16319145|MONO1\_2\_H05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:40:Stop:438  
GAGCGGACTGCAGCCGGCCACCCCGTAGCCCTCGCCTAGGACAGCCGCGCGCTGGGCATCGCCCGAGGGA  
TCCGCGCGTAGCGCAACCGGCGGAGCCGACCCGAGCCCGCACAGTCCGCGCAGCGCCGCGCAGCCCCG  
ACCCGCGCAGCCCGCGCGCTCCCGCCGCGCTCCGGGCGAGCATGAGGCGCGCGCGCGCTCTGGCTCTGGC  
TCTGCGCGTTGGCGCTGCGCCTGCAGCCGGCCCTACCGCAAATTTGTGGCCACAAATGTGCCCCCTGAAGA  
TCAGGACGGCTCTGGGGATGACTCTGACAACCTTCTCTGGCTCAGGTGCAGGTGCCCTGCAAGATCTCACC  
TTGTCAAAGCAGACCCATGCTGTCCAGAAGGACGTGGGTGTACTGACGG

>GBEQ2223 |Acc|BI960939|Ver|BI960939.1 GI:16319142|MONO1\_2\_G12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:530  
GCACGAGCGGCACGAGCTTCCATGAAGGGGCTGGGGACCGATGAGGACTCCCTCATTGAGATCATCTGCT  
CAAGGACCAACCAGGAGCTGCAGGAAATTAACAGAGTCTACAAGGAAATGTACAAGACTGATCTGGAGAA  
GGACATCGTTTTCTGACATCTGGTGACTTCCGAGCTGATGGTTGCCCTCGCAAAGGGTAGAAGAGCA  
GAGGATGGCTCTGTCTATTGATTATGAAGTATTGACCAAGATGCCCGGGATCTCTATGATGCTGGAGTGA  
AGAGGAAAGGAAGTATGTTCCAAAGTGGATCAGCATCATGACCGAGCGCAGTGTCTGTACCTCCAGAA  
AGTATTTGAAAGGTACAAGAGCTACAGCCCTTATGACATGTTGGAGAGCATCAAGAAGGAGGTCAAAGGA  
GACCTGGAAATGCTTTCTGAACCTGGTCCAGTGTATTGAGAACAAAGCCCCCTGTATTTTGCTGACCGAC  
TGTACGACTCCATGAAGGGCAAGGGCACGCGGATAAGGT

>GBEQ2224 |Acc|BI960938|Ver|BI960938.1 GI:16319141|MONO1\_2\_G11.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:532  
GCACGAGCTCGTGCCGGGTTTTTGTATATAAACTTCAATTAATTTGTACCACGTGCTAATACTGAGGAGCTG  
TGTGGCATTTTTGGACAGGGTCCGACTCATACATACTTACAGCATAACCTATAGTCCGATGGTTTGTTCCT  
CTCTGTTCTAGTAAGGTGAAGAGTCAAGTCAGTTATTCAGTTACTTGAAGCAAAATGACATCTTTTATTT  
CAATGAAATCACTGCAGAGAGGCGTGAATACTGGACAATTGCCCTTCAGTCTTACGCTGACTCACCGGGA  
TAGACGGAGGCTTTGGGTGTGTCTCTGTGAACATGTCATTAGTACCTCACATGCTTTTGATGATTTTTG  
AGATTGCTTTAATTTTTTTGTTGAAACGACAGTACATTTTGCAGTGTAGTAATATGAGCACTGACTGTGT  
TGTTCCGCGAGTTAGTGAATTGTCTTAAAGGATCAGTTAGTGTAGACATTTTGAAGAGATTAAAGTCTCTCT  
GTGCTTTATGATAACTTAGTGCAATGTACACTCTGGCTTTAC

>GBEQ2225 |Acc|BI960933|Ver|BI960933.1 GI:16319136|MONO1\_2\_G04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:485  
GCGGGTTCTTCTGTGAAGAGAATTCCAGCGATGATGACGTGATTCTGAAAGAAGAATTGAGAGGGGTCAT  
TATCAAACAGGGATGTTTACTGAAGCAGGGGCATAGGAGGAAAAATTGGAAGGTGAGGAAGTTCGTTCTG  
AGAGAAGACCTGCATATGTGCACTACAGCACCGCCCTGCTGGGGGGGAAGAGCCCTGGGAGCGATTCTG  
TGAGAGGCTGCGTGGTGACTTCAGTGGAGGGCAACCCAGATGGCAAGAAGAGTGAAGAAGAGAACCTCTT  
TGAGATCATCACGGCGGATGAAGTTCATTATTTCTTGCAAGCGGCCACCCCAAGGAGCGCACCGAGTGG

ATCAAAGCCATCCAGGTGGCCTCTCGGACTGGGAAGTGAGGGGCACACCTGCAGCTCCTCATCACCCCTCCC  
AAGGGAACTCCACGGATAAACTCGGTCCAGGGCCTGTCCACTTCTGGTGACAAGTCAACGAGAAC  
>GBEQ2226 |Acc|BI960922|Ver|BI960922.1 GI:16319125|MONO1\_2\_F03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:360  
GCACGAGCGGTGACGACCTCTCCACGAGAACATGCCTCTCGCAAAGGATCTCCTGCATCCCTCTCCAGAA  
GAGGAGAAAGGGAACACAGAAGAAGCGCCTGGTGAGAGCCCAATTCCTACTTCATGGATGTGAAAT  
GCCCCGGGATGCTATAAGATCACCAACCGTTTCTAGCCATGCACAAACAGTAGTTTTGTGTGTGGCTGCTC  
CACTGTTCTCTGCCAGCCTACAGGTGGAAAAGCAAGGCTTACAGAAGGATGTTTCCTTCAGACGGAAGCAG  
CACTAAAAGCACCCCTGAGTCAAGATGAGTGGGAAACCATCCCAATAAACACATTTTGGATACAAAAAAA  
AAAAAAA  
>GBEQ2227 |Acc|BI960919|Ver|BI960919.1 GI:16319122|MONO1\_2\_E12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:526  
GCACGAGAAGGAAGCCCTGCCCTCCCAAAGCCGAAGCCAAAGCAAAGGCTTTGAAGGCCAAGAAAGCT  
GATGCAAGAGCGTCCAGACCAAAAAAAGAGATCCGTACGTCAACCCACCTCCGACGGGCCAAGA  
CACTGCGGCTCCGAAGGCAACCCAAGTATCCTCGGAAGAGCGCCCCGCGGAGAAACAAGCTTGACCACTA  
TGCCATCATCAAGTTCCTTGGACCACCGAATCAGCCATGAAGAAGATAGAAGACAACAACACGCTTGTG  
TTCATTGTGGATGTCAAGGCCAACAAGCATCAGATCAAACAGGCTGTAAAGAAGCTCTATGACATTGATG  
TGCCCAAGGTCAACACCTGATCAGGCCTGATGGAGAGAAGAAGGCATATGTTTCGACTGGCTCCTGACTA  
TGATGCTTTGGATGTTGCCAACAAAATTGGGATCATCTAAACTGAGTCCAGCTGGCTAATTCTAAATACA  
AGTTTTTTTTTCACTATAAAAAAAAAAAAAAAAAAAAA  
>GBEQ2228 |Acc|BI960906|Ver|BI960906.1 GI:16319109|MONO1\_2\_D05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:543  
CGCACAGCCCGCGCAGCCATGGTGAAGATTAGCTTCCAGCCCGCGCTTGCCGGCATCAAGGGCGACAAG  
GCCGACAAGGCTTCGGCCTCGGCCTCGGCCCGCGCCCCCGCGCGCTGAGATCCTGCTGACGCCGG  
CTCGGGAGGAGCGGCCCCCATCACCGCTACAAGAAGGGGGCTCCGTGGGCGGCGTCTGCTACCTGTC  
GATGGGAATGGTCTGCTGCTCATGGGCCTGTGTTCGCCCTCCGTCTACATCTACAGATATTTCTTCTCTG  
GCTCAGCTGGCCCGAGACAACCTTCTTCCACTGCGGCGTCCACTACGAGGACTCCCTGTCTCCCGAGTCC  
GCACCCGGATGGAGCTGGAGGAGGACGTAAAGATCTACCTCGAAGAGAACTACGAGCGCATCAACGTGCC  
CGTGCCCCAGTTTGGCGGCGGCGACCCCTGCAGACATCATCCAGACTTCCAGCGGGGTCTCACTGCCTAC  
CATGACATCTCCCTGGACAAATGCTATGTATCGAGCTCAACACCACCATCGT  
>GBEQ2229 |Acc|BI960901|Ver|BI960901.1 GI:16319104|MONO1\_2\_C07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:611  
GCACGAGTGGCGTTGGAGTTGGAGCTGATGCACAGGAAGAATGAGGAAGGCCAAGCTCTGGGGGCTGCTT  
GGATGCTCTTTGTCTCAGAACTCCAAGCTGCAGCTGCAGAAAGCTGAGGAAAAGAAAATCCTAACAGAGG  
GGGAGACCCTGAACATCACTGTGTCTACACCCGGAAGCACTCCCAAAGCCAGAAGGCTTGGCAGAGGGT  
GATGGATGGAGGGAAAGCCGAGACGCTGGCATTACAGAGAAGACTTCAAAGAACAGTCAAGAGCTGGGG  
GGCAGGTACTTCTAGAAAGATAATACCACTCAGGGCGCAGTTACGTCCGAATGACCAATGTTCAAGTGA  
GTGACTCTGGGACTGTATCGGTGTGTGATCTACCAATTCTCAGCAACCCTGAAGTCTCGAGTCTCTCC  
GCCTGGTGGTGACCAAGGGCCCTTCAGATAGCCCTTCCCCGGACAAGAATCCTCCCCGGGACAAGGCTCA  
GACGACCACCTTTCTCTGCCACAAAGGCCCCAGTGACCAACCCCCACCAAGTCAACTGCCGGTGTCT  
TCCCGCCCTGGACTTGAAGTCAACCCACACATGTGACAGACGTCACCAGG  
>GBEQ2230 |Acc|BI960899|Ver|BI960899.1 GI:16319102|MONO1\_2\_C04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:314  
GCACGAGCGGCACGAGCAGCCACCTCCGCGCGCGCCTCAGCCGCGCGGACTCCGGCAGCTTTGTGCGC  
AGAGTCTCGAATCTCGCTTCTTTTAAATCCGCTGCATCGGATCACCGGCGTGCCCCACCATGTGAGA  
CGCGGCCGTGGACACCACTCCGATCACCACAGGACTTAAAGGAGAAGAAGGAAGTTGTGGAGGAG  
GCGGAGAACGGCAGAGACGCTCCTGCTAACGGGAATGCTAATGAGGAGAATGGGGAGCAGGAGGCTGACA  
ACGAGGTAGACGAAGAAGAGGAAGAAGGTGGGGA  
>GBEQ2231 |Acc|BI960894|Ver|BI960894.1 GI:16319097|MONO1\_2\_B08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:509  
GCACGAGGAGCTGCAGAAGGAGAAGGAGAAGCTGGAGTTCAATGTTGGTGGCCCATGGGCCTGTGTGCAAG  
ATCAGCCCCGAGGAGCGTCGATCGCCCCAGCCTCTGGGCTGCAGCCCCCGCGCAGTGGGGTTGGCGGAG  
TAGGTGCCGTGGTGGTGAACAGGAGCCCTGGAGGAGGACAGCCCTCATCCTCATCAGCAGGGCTGGA  
CAAGGCCAGCGTCCGTATCAAGCCCATCAGCATCGCTGGGGGCTTCTACGGGGAGGAGCCCTGCAC  
ACCCCATCGTGGTGACCTCCACGCCCTGCCATCACTCCGGGACCTCAAACCTCGTCTTCACTACCCCA  
GCGTCTGGAGCAGGAGTCGCCCCGCTCGCCCTCTGAGTCTGTTCCAAGGCTCACCGAAGAAGCAGTAG  
CAGTGGGGACCAGTCATCAGACTCCTTGAATCCCCCACTCTGCTGGCTCTGTAACCCAGCTCCAGTGG

GTCCTCGTCACTGCCTCCT  
>GBEQ2232 |Acc|BI960891|Ver|BI960891.1 GI:16319094|MONO1\_2\_B05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:158  
GCACGAGGGGGCGATAGTGAGGGACCTGGAGAACCTGGGGGAGCGAGCACTTCCTTACCGGATCTCGGGCC  
CACAGCCGGCAGCACAGTCCGAGGAGGGTATTTCTTGGTGGATTTTATGCAACCACCAACAGCTGTTGAAA  
GCATAATGGAGTACTTGT  
>GBEQ2233 |Acc|BI960886|Ver|BI960886.1 GI:16319089|MONO1\_2\_A11.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:589  
GCACGAGCGGTTCTGTGGCGGTGTGGGTGAGTTGGGTGCTGCTACGCTCGTGTGGCCCTGAGAAGCCCC  
GCGGAGCCGCTGCTGCCCTTCTCCTGCTCTCGCCATGTTCCTCACCCGGTCTGAGTACGACAGGGGTGTGA  
ATACTTTTCTCCTGAAGGAAGATTATTTCAAGTGAATATGCCATTGAGGCTATCAAGGTTGTGCCATG  
AGTGGGCTAATTGCTGATGCTAAGACTTTAATTGATAAAGCCAGAGTGGAGACACAGAACCATTGGTTCA  
CCTATAATGAGACAATGACAGTGGAGAGTGTAAACCCAGGCTGTGTCCAATCTGGCTCTGCAGTTTGGAGA  
AGAAGATGCAGATCCAGTGCATGTCTCGTCCCTTTGGAGTAGCACTGTATTTGGAGGCGTTGATGAG  
AAAGGACCCAGCTGTTTTCATATGGACCCATCTGGAACCTTTGTACAGTGTGATGCTCGAGCAATFGGCT  
CTGCTTCAGAGGGTGGCCAGAGCTCCTTGCAAGAAGTTTACCACAAGTCTATGAACACTGAAAGAAGCCAT  
CAAGTCTTCACTCATCATCTCTCAACCAAG  
>GBEQ2234 |Acc|BI960883|Ver|BI960883.1 GI:16319086|MONO1\_2\_A07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:132:Stop:453  
AAAAAGTTTATAGGGAAGATTCTGCTTTTGATGACTATTGCAACAAAAGTCAGTTTCTGGAGAATGAAGA  
TACCAAATTCAGCCTTTCTGACGACCAGCAAGACAGGTGGTTTTCTGACTTGTCTGATTCTGCTCCTTTGAT  
TTCAAAGGGGAAGATAGTTGGGATTCTCCAGTGACAGACTACAGGGACATTAAAAATGACTCCGTGGCAA  
GGCTGATCTTGGAAACAGTGAAGAGGACAGCAAGGAGAAGAAGCGGGAGAGCAGAACCCTGGGAGAAGCG  
AGACTACAGCGAAAAGCGGAGCGACAAGGATGCTTTCTTTAT  
>GBEQ2235 |Acc|BI960882|Ver|BI960882.1 GI:16319085|MONO1\_2\_A06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:279  
GCACGAGCGGCACGAGCGGCTGCCTGCGCTCTTCCACTTCGACTCCATGCTCCTCCGTGGGCTCATGAA  
GAGCTACTTTGGGGGCTGCTCTGCGTGTGCTGGAGCCCTGACGGGCGCTACGTTGTGACGGGGGGTGTGAG  
GATGACCTGGTCACCGTGTGGTCTTACCGAGGGCCGTGTGGTGGCCCGGGGCCACGGCCACAAGTCCT  
GGTCAACGCGCGGCTTTTGACCCCTACACCACGAGGGCCGAGGAGGTGGCCGCGAGCCAGTGGTGACG  
>GBEQ2236 |Acc|BI960878|Ver|BI960878.1 GI:16319081|MONO1\_2\_A02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:205  
GCACGAGCAACAAGTGCCCGAGCACCAGCTCCTGCTGACACTCGGGCCACACTCCATCCGCTCAGC  
ATCATGAAGTCCCGTGGCTGCCCTTGCCGCTCCTCCTGCAACATGGCCCTCTGCAGCCAGGTGTTCT  
CTGTACCATTCCGGTGCCGACACCCCAACTGCCTGCTGCTTCTCCTACGTGTGCCGGCAGATTCCG  
>GBEQ2237 |Acc|BI960872|Ver|BI960872.1 GI:16319075|MONO1\_1\_H08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:500  
GCACGAGGAGTGCAGCGGAGGTTTGTGCTGGTTTCGGACCCAGCGGCCGGATGGTGAAATCCTCCCTG  
CAGCGCATCCTCAACAGCCACTGCTTCGCCCCGAGAGAAGGAGGGGGATAAATCCAGCGCCACCGTCCACG  
CCAGCCGCGCCATGCCGCTCCTCAGCTTGACAGCCGCGCGGCCGAGCAGCGGGAGTTCCAGGCTGTC  
CGGCAGCTGCTGTAGTCACCTGGGTCCGGGGCCTCGGTGGTGTCTCTGATGTCCCTCACCCACCCCTGAA  
GATCCCAGGTGGGCGAGGGAATAGTCAGAGGGATCACAAATCTTTCAGCTAATTTATTTTACTCGGATAAT  
CGCTGAATGTAACAGAGGAACCTAACGCTAACGACAAGACGAGAATCCTTCACGTGCAGACGCGGCTCC  
GCGACGCCCGCAGGTGGACTGGAGGGCGGTGCTGCGCGCGGCTCCTGTACATCGAGATCCCGGGCGG  
GGCGCTGCCC  
>GBEQ2238 |Acc|BI960871|Ver|BI960871.1 GI:16319074|MONO1\_1\_H07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:422  
GCACGAGCGATAGCGCGCTTGCAACATGGTGAACGTTTCTTAAACCCGCCGACTTCTGTAAAGAAGTG  
TGGCAAGCACCACCCACAAAGTAACACAATACAAGAAGGGCAAGGATTCTCTGTATGCCCAGGGAAAG  
CGGCGTTATGACAGGAAGCAGAGTGGCTATGGTGCGAGACTAAGCCGATTTTCCGAAAAAGGCTAAAA  
CTCAAAAGAAGATTGTGTGAGGCTGAATGTGTTGAGCCCAACTGCAGATCTAAGAGAATGCTGGCTAT  
CAAGAGATGCAAGCATTTTGAACCTTGGAGGAGATAAGAAGAGAAAGGGCCAAGTGATCCAGTTCTAAGCC  
TCATCTTTTGTATTATTAAGACAATAAAATTTTGAAGTTATGTTTAAAAA  
AA  
>GBEQ2239 |Acc|BI960865|Ver|BI960865.1 GI:16319068|MONO1\_1\_H01.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:426  
GCACGAGGTCTTCCCTACCTCAGGCAGGAAGGGCAGGAAGGAGAGCCTGGTGCACGGGGTGGAGGTGGGG



CTGGCTAGAGAGGCCAGTCTGCCTGGCCACACAGATTGCGTCCCTACCCCTGTTTAGCCTGGGCAGCCG  
GGCTGCCAAGGTCAGAGTAGCCTGGCCAGGAGCTCTTCAGGCCTCCCTGTCTCCTCTGCTCCACCCATGG  
CCTGTCTCATCCCTGGGGTCCCAGCCTAGCACTGGCCACCCCGGGCTCTCTGCTGTACATATTCGAGACT  
AGTTTTTATTCCCTTGTGAAGATGATATACTATTTTTGTTAAGCGTGTCTGTATTTATGTGTGAGGAGCTG  
CTGGCTTGCTGTGCGTGTGCACGTGGAGAGCTGGTGCCCGGAGATTGAACAGCCTGATGCTCCCTCCCT  
GCCCTG

>GBEQ2240 |Acc|BI960863|Ver|BI960863.1 GI:16319066|MONO1\_1\_G11.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:552

GCACGAGTTTATCCTGAGCAGCCCCAACAGGCTGTTACTTCTCTACAACCTGAGCTATGATCATCTTAAT  
TTACGTACTTGTCTTGTGTGGGAAGAGGCTCACGGATGGGGATTCAAGAATGGAATTTTTCATAACTCC  
ATATGGCTTGAACAAGCAGCAGGAGTATACCACAGAGAAGCACGGGNTCTGGAAAATACAAGCTCACCTA  
CGCAGAAGCGAAGGCGGTGTGTGAATACGAAGGTGGCCATCTCGCCACCTATAAGCAGCTAGAAGCAGCC  
AGAAAAATTGGATTTCACGTCTGTGCTGTGTTGGTGGATGGCCAAGGGTAGAGTTGGATACCCCATTTGTGA  
AGCAGGGCCCAACTGTGGATTGGAAAACTGGTATTATTGATTACGGAATCCGTCTCAATAGGAGTGA  
AAGATGGGATGCCCTACTGCTACAACCCACATGAGTTTCAGATACATTTTACTCTGGCAATACGTGTACGGA  
ATCCCGGGAAGCATGTTCTTACTCAATTCTCAGCTTGCTCTTAGATGCAATGACATGTCGCT

>GBEQ2241 |Acc|BI960860|Ver|BI960860.1 GI:16319063|MONO1\_1\_G08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:513

GCACGAGCGGCGCGGCTGCTGTCTTGGTCTCTTACGCCCTTAAAGCCAGCATTGCAATTCAGTGGCATG  
TCCTCTGAAGAGGGGAAGCTCTTCTGTTGGGAGGGCTCAACTTCAACACCGATGAGCAGGCTCTGGAAGACC  
ACTTCAGCAGCTTCGGGCCTATTTCTGAGGTGGTGGTGTCAAGGACCGGGAGACTCAGCGATCCCGGGG  
TTTTGGCTTTCATTACCTTACCAATCCAGAGCAGCCTCAGATGCCATGAGAGCCATGAATGGAGAGTCT  
CTGGATGGTTCGCCAGATCCGTGTGGACACGACGAGGCAAGTCCGCCCGGGGAACAGAGGGGGTGCCTTTG  
GGGCCCACGGGCGTGGTTCGCGGCTACTCCAGAGGTGGTGGGACGAGGGCTATGGGAGTGGCAGGTATGA  
CAGTCGACCTGGAGGATATGGATATGGATATGGAAGGTCCAGAGACTATGGTGGCAGAAACAGGGTGGT  
TATGACCGCTACTCAGGAGGAAA

>GBEQ2242 |Acc|BI960858|Ver|BI960858.1 GI:16319061|MONO1\_1\_G06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:493

GCACGAGCGGACAGAGGTCATGGAGGATGGCTCCGCTTCTGCTGCAGCTGGCGGGGCTCGGCGCGGCGCT  
GCTGGCCTCAGCCTAATACTGATTCTTTTGTGCGTTTATAACTGCCACGGAAATGCCAGACCTTCAT  
CGACATGAGCAAGAGAAGTTCTTTAAACGCCAGAGGGCAGAAGGAAACTTTACCCAGCATATGGGACT  
CACCTACCAAACAGCTTTCTGTTGTGTGCCTTCATACAATGAAGAAAAACGGTTGCCTGTAATGATGGA  
TGAAGCTCTGAGCTATCTAGAGAAGAGACAGAAACAAGATCCACCTTCACCTATGAGGTGATAGTAGTT  
GATGATGGCAGCAAGACACAGCTCAGAGGTAGCTTTTAAATACTGCCAGAAATACGGAAGTGACAAAG  
TACGAGTGATAACGCTGGTGAAGATCGTGGGAAAGGTGGAGCTATTAGGATGGGCATATTCAGTTCTCG  
AGG

>GBEQ2243 |Acc|BI960856|Ver|BI960856.1 GI:16319059|MONO1\_1\_G04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:557

GCACGAGGGAAGGAGACGCTGCAGCGCGGACCCGCCAAAGGCACATGTGACCCACCATCCCATCTCTG  
ACCATGAGGTACCCCTGAGGTGCTGGGCCCTGGGCTTCTACCTGCGGACATCAGCCTGTCTTGGCAGCG  
TGATGGGGAGGACCTGACCCAGGACACGGAGTTTGTGGAGACCAGGCCTGCAGGGGACGGGACCTTCCAG  
AAGTGGGCGGCTGTGGTGGTGCCTTCTGGAGAGGAGCAGAGATACACGTGCCGTGTGACGACGAGGGGC  
TGCCTGAGCCCGTCACCTGAGATGGGAGCCATCTCGTAGTCCACCATCCTCATTTGTGGGCGTCATTGCT  
GGCCTGGTTCTTTCATGGTCACTGTAGCTGTGGTGGTGGAGCCGTGATCTGGAGGAAGAAGCGCTCAG  
GATGTTTTCTTCCACAGGTGGAAAAGGAGGGAGCTACGCTCAGGCTTCAAGCAGTGACAGTGCCCTGAA  
CTCTGATGTGCTTACGGCAGCATGAGACAGCTGCCTTGTGGGGGACTGAGTGATACAAGATTTCTG

>GBEQ2244 |Acc|BI960854|Ver|BI960854.1 GI:16319057|MONO1\_1\_G02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:415

GCACGAGCGACAATAGCCTCAGCACAGAGGCCTTCCAGCACCGTTCTGTGTCTTGGTTCACAGTTCAACAA  
GGAGATCTGCTGGGTCGTGGCTTACCTTTTGGCAGTGGTTCGATGGTGTCTTGGACCTCACCAAACGC  
TGCTCCGGAGCTACTGAGTCCGTTGATCATTTGGCTTTCAGTCCAGCAACAGTACGTCACTAGCCTCC  
TTCTCAATGAGCCTGATGGAACGTTCTCTCTTCGCTTCAGCGACTCAGAGATTGGGGGCATCACCAATTGC  
CCACGTCATCCGGGGCCAGGACGCTCCTCACAGATAGAGAACATAGAGCCCTTCTCTGCCAAAGACCTG  
TCCATTGCTCACTGGGGGACCGAATCCGGGACCTTGTCTCAGCTCAAAAACCTCTACCTAAGAA

>GBEQ2245 |Acc|BI960849|Ver|BI960849.1 GI:16319052|MONO1\_1\_F07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:493

GCACGAGGGGATTCAGAGCTCGGCAGGAAGTGGGACCGGTGCTTGGCGGATGCGGTGGTGAAGATAGGTAC

TGGCTTTGGATTAGGACTTGTCTTCTCGCTTACCTTCTTTAAAAGAAGAATGTGGCCATTAGCCTTTGGT  
TCTGGCATGGGATTGGGAATGGCCTACTCCAACGTGTCAGCATGATTTCCAGGCTCCATACCTTCTACATG  
GAAAATATGTCAAAGAGCCGGAGCAGTGACTTAGACCTGAGCGCATCCCTGTGGGGAGAAGAGAACTCGT  
GTCTGTTCTCAGGAATACTGCGTGCCCTGGAGTAAGCTGACATGCTTCTGTAACAGCGTTATCAGTAAT  
GCCTGAAACTCCAGCACACTGTTTATGTATTTGAAACCAAGTCTGTTTCTTGTGTTTGTATTTTCTCTCTG  
GAAACTGCAAGGAGGTGGTCTTAGAAGAAATAAATGAAACGAAAATCGGCAGTCCAAAAAAAAAAAAAAA  
AAA

>GBEQ2246 |Acc|BI960846|Ver|BI960846.1 GI:16319049|MONO1\_1\_F04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:445

CGGAGACAGCATCAGCATCACTACCTCTTGCTACCCCTGCCCTCCATCTGCGTCCGAGACCCCGTGAGC  
GACTGGTTTTGAGAGCCTGGCTCAGTGTCTGCACTGGAACGTGCGGAAGAAGCAGGCCCACTTCCCAGAGG  
AGGAGGAGGAGGAAGTCTAGGCTGCGCTCCTCGTCCACACTCGGGACCTGAGCCTGAAGCTTCTCCAGT  
TCTTCTTTCTTTCTGCTCCTTCTTGCTCACCTCCAGGGGAAAAGCCAGCCTGAACACGTGCTGTG  
AACAGTTGTGTGCCCCGCTGGGCACAGACTCCATGTCACTTCTGTCTGTAGCCAGAGGAAGAGCCTGGA  
ATCTGCCTTTTATGACCAGATCAGCTGTTTTTAACATTTTAAATCTGACTCTCTTTTGCATTTCTAAGGA  
AGCAAAAAGTGAGCAGTGGCCCA

>GBEQ2247 |Acc|BI960840|Ver|BI960840.1 GI:16319043|MONO1\_1\_E09.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:555

GCACGAGGCGGTTTCGCGCGCTTCGGGCCCTAGTCCGGAAGTCCGCGCCGCGCCCATATTTCCCGTGGCAT  
CTTTCTTACTTTGTCCCTTCTCCGGGCTCGCGATCTTCTTCTGAGCCATGTGAGAGGAGTGGACTTG  
ATTGACATATACGCGGACGAGGAGTTCAATCAGGATCCAGAGTTCAACAATACAGATCAGATTGACCTGT  
ATGATGACGTGTTGACAGCCACCTCCAGCCCTCAGATGACAGAAGCAGCAGCACTGAGCCACCTCCTCC  
TGTTTCGCCAGGAGCCGTCTCCCAAGCCCAATAACAAGACCCCTGCAATTCTGTACACCTACAGCGGCCTA  
CGTAATAGGCGAGCTGCTGTCTATGTGGGCAGCTTCTCCTGGTGGACCACAGACCAGCAGCTGATCCAGG  
TTATTCGCTCTATAGGAGTCTATGATGTGGTGGAAATTGAAATTCGCAGAGAATCGAGCAAAATGGCCAGTC  
CAAAGGGTATGCTGAGGTGGTGGTAGCCTCTGAAAACCTCTGTCCACAAATTGTTGGAACTCCTGC

>GBEQ2248 |Acc|BI960839|Ver|BI960839.1 GI:16319042|MONO1\_1\_E08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:523

GCACGAGCAGCCAAATCCAGTACTGTGCCAGATCATAGTTCTATGGAATTGTGACAAGCCCCCTACCAG  
CCAAACACCGCTGGCCTGCTGTGCCTGTCTCATCGTCATTGAAGGAGAAAACAAGGTATGAGCAG  
CCGTTTTCTGCCCTATGACAACATCGTCACAGATGCAGTGTCTCAGCCTCGACGAGGACACCGTGCTTTCA  
ACCACGGAGGTAGATTTTGCCTTACCGTGTGGCAGAGCTTCCCTGAGAGGATTGTGGGGTACCCCGCAC  
CGAGCTTATTTCTGGGATAACTCTAAGGAGCGATGGGGATACAGTCCAAGTGGACAAACGACTACTCCAT  
GGTGTGACAGGAGCTGCTATTTTACCACAAATATTATCACTACCTGTACACCCATTACCTGCCAGCCAGC  
CTGAAGAACATGGTGGACCAACTGGCCAACTGTGAGGACATTCTCATGAATTTCTGCTGTCTGTGTA  
CAAAATTGCCTCCATCAAAGTGACCCAGAGA

>GBEQ2249 |Acc|BI960834|Ver|BI960834.1 GI:16319037|MONO1\_1\_E02.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:425

GCACGAGCGGCACGAGCGGCACGAGCGGCACGAGCGCGCTCGCAGGAGCCACTCGGAGCAAGCGAGC  
CAGCGAGTGCCGCGCGGGGAAAATGTGACAGCGTTTTTCGCTTAAAGATGCCTTATCTGGGTCTGGAAA  
CCCAAACCTCAAGGATGGCCTGGTCCCTGGGGAAACCAGCCTGCTGGGGCAGGGGGCTACCCAGGGGCC  
GCCTATCCCGCGCCTACCTGGACAGGCACACCTGGCGCCTACCTGGCTCAACCCCTGCTTATCCTG  
GACCAATGCATCAGGAGGCTACCTAGTGGGCTGGTGCCTACCCATCTCCTGGACAGCCAGGTGCTCC  
TGGAGCCTACCTGCTGGCGGGCCCTATGGCGTCCCTGCTGGACCACTGACTGTGCCTTATGACCTGCCT  
TTGCC

>GBEQ2250 |Acc|BI960833|Ver|BI960833.1 GI:16319036|MONO1\_1\_E01.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:323

GCAGAGTGCCTGCCGCGCGGTTCGGGGTCTCTGGTCCCGCCGTAGCCATGTCTGTTCTTCCCGAGCTTTA  
CTTCAACGTGGACAATGGCTACCTGGAGGAGTGGTGCAGCGGCTGAAGGCCGGGGTGTCTAGCCAGGCG  
GACTACCTCAACCTGGTGCAGTGCAGACGCTGAGGACCTGAAGCTGCACCTGCAGAGCACTGACTATG  
GCAACTTCTGGCCAAACGAGGCATCACCACTGAGAGTGTCTGATCGATGACCGGCTCAAGGAGAAGAT  
GGTGGTGGAGTTCCGCCCATGAGGAACCATGCCTATGAGCCA

>GBEQ2251 |Acc|BI960832|Ver|BI960832.1 GI:16319035|MONO1\_1\_D12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:587

GCACGAGTTATTACAGAATTCTAAGTGCAGTATGACTAGTTGAAACTCACATGTAAATTAGGTAGATGTC  
AGATGGAAAATGACATTACTAAATTCGAGAATTTTCAATTTTACATTACTAATGTAGATTGATTGTATAA  
TAAACAGGGTTTGGAAAGTTTTGTTACAGAGAGCATGGTCTGTTGAAGATTTTTTAAATGTATTTTTC



TAGGTTAACTGCTGTATATGAAATGTCTAATCTGAATAAAGAAAACATAAGAGGTTTAGAGATTTTTTC  
ATTGGAAATATACATTTTGGTTTTTAATTTCTTTGTGCTTTTGCATTTACTGGCATACTCTTATACCTCA  
TTTAAAAAATCAATCCAATATTTCTGTGGCAAATACATTTTCTCATTTTACACCAATACACCTCCAC  
CCCCACCCTACCCATTCTTCATCAATATTTGAAAGTAAATGATTTGTAAGCAAGACTTTTTCTTAGAATT  
GCATTTATAATTTACAGATTGCCTTCTTGGGAACAAATATTTTTGTGTGAGCTGTCTAAAAACCTCTC  
AGTTGAGTTTTGTGTGTAATAATATTGT

>GBEQ2252 |Acc|BI960830|Ver|BI960830.1 GI:16319033|MONO1\_1\_D10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:512

GCACGAGCGGCACGAGGCAGGACGTGCGCCCCAGTCGCGCGGAGCAGAGGCCAGCAGGACCGGTGCCAAG  
CCCAGACCAGCGTGCCAGCAGCCCCGCGACCCAGGCATCCTCTGCCTTCTCCCCGCTCCCAACCGGAAT  
CGCGCTCCCCGCGCGGCACAGCAGCCCCGCGCGCGGGACCCTCAGGCGCCGCTGCCGGATCGCGCC  
GCTGCAGAGCCAACATGCCCATCACTCGGATGCGCATGAGACCTGGCTAGAGATGCAGATTAATTCCAA  
CCAAATCCCAGGGCTGATCTGGATTAATAAAGAGGAGATGATCTCCAGATCCCATGGAAGCACGCTGCC  
AAGCGTGGCTGGGACATCAACAAGGATGCCTGTCTGTTCCGGAGCTGGGCCATTACACAGGCCGATACA  
AAGCAGGGGAAAAGGAGCCAGATCCCAAGACATGGAAGGCCAATTTTCGCTGCGCCATGAACCTCCTGCC  
AGACATTGAGGAGGTGAAGGAC

>GBEQ2253 |Acc|BI960826|Ver|BI960826.1 GI:16319029|MONO1\_1\_D06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:542

GCACGAGAGAAGACGTGCAGAAATGGCACCTCGCAAGGGAAGGAAAAGAAGGAAGAACAGGTCATCAGC  
CTTGACCTCAGGTGGCTGAAGGAGAAAATGATTTGGTGTCTGCCACATCTTTGCATCCTTCAATGACA  
CTTTTGTCCACGTACCGATCTTTCCGGCAAGGAAACCATCTGCCGTGTGACTGGTGGGATGAAGGTGAA  
GGCCGACCGAGATGAATCCTCTCCATATGCTGCCATGTTGGCTGCCAGGATGTGGCCAGAGGTGCAAG  
GAGCTGGGCATCACTGCCCTCCACATCAAACTCCGGGCCACGGGAGGAAACAGGACCAAGACCCCTGGGC  
CTGGGGCCAGTCAGCCCTCAGAGCCCTTGCCGCTCTGGAATGAAGATAGGGCGGATTTAGGATGTAC  
CCCCATCCCCTCTGATAGCACCCGCACGAAAGGGGGTCCCGTGGTTCGCGCTCTGTGAACAGGACTCCTC  
AAATTGTTTTCTGTTAATAAATTGTCTTCATGTAAAAA

>GBEQ2254 |Acc|BI960824|Ver|BI960824.1 GI:16319027|MONO1\_1\_D04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:551

CACGAGCTCGTGCCGCTCGTGCCGGCCGGCCCCGACATGGCGGAAGAGGAGGTGGCCAAGTTGGAGAAGC  
ACTTGATGCTTCTCCGACAAGAGTATGTCAAGCTGCAGAGAAGAAATTTGGCAGAGACAGAGAAGAGATGCTC  
TCTTTTGGCCGCGCAACAAACAAGGAAAGCAGCAGTGAGTCTTCATCAGCCGCTGTGATGATCGTG  
GCCGACCTCTATGAGCAGGAGCAGTACAGTGATCTGAAGATAAAGGTTGGAGGCAGGCACATCAATGCTC  
ACAAGTTTGTCTGGCGGCCCGCAGTGACAGCTGGAGTCTGGCCAATTTGTCTTCCATCGAGGAGCTGGA  
CCTGTGAGATGCGAATCCTGAGGTGACAATGACAATGCTTCGCTGGATCTATACGGACGAGTTGGAGTTC  
AAAGAAGATGATGTGTCTGACTGAGTTGATGAACTAGCCAATCGGTTTCAGCTCCAGCTCCTTAGGG  
AGAGATGTGAGAAGGGTGTATGTCTCTGGTGAACGTGAGGAAGTGTATTCGCTTCTACCA

>GBEQ2255 |Acc|BI960821|Ver|BI960821.1 GI:16319024|MONO1\_1\_C09.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:510

GCACGAGCGAACTCGGAAGCGGTGCGAAGGGTTCGCCCGGACCGGAAGGTGCGAGAAGAAGAAAGAACCT  
TCTGTGAGGAGAGAAGCTTCAAGAGCTGCACAGCGAGATCAAGTTCGCCCTGAAGGTGACAAATCCGGACG  
TGAAGAGGTGTCTGAACGCCCTCGCCGAGCTGGGGACCTTCAGGTGACCTCGCAGATCCTTCAGAAGAA  
CAGATGTGTTGGCCACATTTGAAGAAGATTCCCGTTACAAGGCCAACAAGGAGGTGATGGAGAAGGCC  
GCGGAGGTCTACACCCGGCTCAAGTCGCGGGTCTTGGGACCAAAATCGAGGCCGTCCAGAAGGCCGAGCA  
GACCTGGGACAGAGAAGGAGAGCCGAGGCGGAGAAGGCCGAGGAGCGCTGGCCGGAGAGGAGGCCCC  
CACAGAGCAAGCGGAGGACGAGGCGAGCACTGACCTCTCGGCCCGGTGAACGGTGAGGCCACGTCCCAN  
GAAGGGGACAGCACCGAGGA

>GBEQ2256 |Acc|BI960819|Ver|BI960819.1 GI:16319022|MONO1\_1\_C07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:570

GCACGAGCTCGTGCCGAGGCTTACATTAAAGAGTTCCATACCACCGGACTGGGCTGAGCAAAACGGGA  
CCTGTGGCAAAAGAACTGAGTGGACTGCCATCTGGACCTCTGCTGGATCCGCTCCTTCCCCCCCCAC  
CAGGCCCACCTCCTCCCCAGTCCCCACAGTTAGGCTCTGATGAGTCTGCTTCACGCTCAGCACTGTT  
TGCTCAGATTAATCAGGGGGAGAGCATCACACATGCCCTGAAACATGTATCTGATGACATGAAGACACAC  
AAGAACCCTGCCCTGAAGGCTCAGAGTGGACAGTACGAAGTGGCCCCAAACCATTTCTGACCTAAAC  
CAGGAGGCAGCCATCCCCCAAACAGCCACAAAGAAGGAGCCACCTCTGCTTGAAGTGGAGGGCAAGAA  
GTGGAGAGTGGAAAATCAGGAGAATGTTTCCAACCTGGTAATTGATGACACGGAGCTGAAACAGGTGGCT  
TACATATACAAGTGTGTCAACACAACATTGCAATCAAGGGCAAAATTAACCTCATTACAGTAGATAACT  
GTAAGAACT

>GBEQ2257 |Acc|BI960809|Ver|BI960809.1 GI:16319012|MON01\_1\_B05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:551  
GCACGAGTATGCTTAAATATAAAAAGAAGCAAAAATGTAAACAAGAGCACAATCAATTTAATTAGTAT  
TTTTTCTTGCTATTTTACTTTTTTAAAAAATTCAAAAATAGTCTATGTTTCATTTTAGAGAAATTTAGCAACT  
ATTAATAAAAAAATTTATTCCTTAGCTACAAGTATACATAATATATATATAGATGCTGCATATGAAGCCAT  
TTCTTTACTATTTTCATAAAAAATAATGAACAGATGGACACTAAGACATGAATATCATTTTAAAGTAGGAA  
TAATTTCTTTCTAATGCTTCCTTCTCTTTTTTTCCTTTTAGCAAAGGAATGCGGTGGCATCTTTACAGAT  
ACAAAGAGAATTTTTTAAATCTCCAGGCTTCCCAAATGAATATGATGATAACCAAGTCTGCTACTGGCACA  
TCAGACTCAAGTATGGTCAGCGTATTACCTGAGTTTTCTGGACTTTGATCTTGAAGACGATACAGGTTG  
CTTGGCTGACTATGTTGAAATATATGACAGTTATGATGATGTCCATGGCTTTGTGGGAAGA  
>GBEQ2258 |Acc|BI960808|Ver|BI960808.1 GI:16319011|MON01\_1\_B04.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:503  
GCACGAGTAAATATAATGTGTATGCTTCAATTATGTTTGAAGATGTGTTTATTTTGTCTCAAATAGGTAA  
TACATATAACATACCAATTCGTTTGTGGATTTTGGATTCTCACCCCTTTTGCTCCCCCATTTGCTTCTTA  
AAGCCAACGCAATATGGGAATCTCAGTTGGAAAACATGTGGATGCTCAAGGCAGAATATACTTGCCCT  
ATCTCCAAAATTTGGAGCCACCCTAAATCTGTCTATTGTTGGATTAAATTAAGAAATGATTGCCAAATTTCA  
AGAGAACTTCCCTCTGATTCTCTATCATCATCTGATGAAGCGCGGAGGTGGACTTGCTAGCCTATATT  
GCAAAAATCACTGAAGGTGTCTCAGACATAAATTCAAAGAAGTGGGCAAATCAGGAGAATAAACAATAA  
ACAAAATTAAGTGTGGTGGAGGTGGAGAACTGGGAATTGCCTGCACATTAGCAATTTAGCAAAAGGGCAT  
TGCAGACAGACTG  
>GBEQ2259 |Acc|BI960804|Ver|BI960804.1 GI:16319007|MON01\_1\_A11.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:528  
GCACGAGGAGCAATAGACTGTGAAGGAAGACTTGTCACTTGGAGAAGAGTAACCAAAACCTTGGTAATT  
CCTACCAATTTCTCAACCTACCAAGGTGGCCTGGATGTCTTAACTGAAGTGTGGCAGATTCGTTCTACTC  
TTGCTTTCTGCTAAACCTGCCATTTACTCCATCCTTTATAGTGATGCTACAGGACGGAGAGGAATGATAA  
AAACATTGGTGAGCAACTCAATAAAGCTTATGAAGCCTTTTCAGACAGGCATGCATGGATAGAGATTCTGCA  
GTAAAGAACTACAGCAAAAGACTGAGAAGTATGAGCAGAGAATACGTGAGCAACAGGAACAGCTGTCAC  
TTCAACAACTATTATTGACAAGCTAAAATTACAGTTACTTCTTGTGAATTCCAGTCGAGATAACAGTTA  
TGTTTATGTTCCCTGCTTGAAGACAGTGAAGCAAGGAAGAATAATTGACTCTTGATGCCCACTTGAT  
AAAGTAAAATCAGGAATACCAAGAGAAAAAGAAATCAAA  
>GBEQ2260 |Acc|BI960803|Ver|BI960803.1 GI:16319006|MON01\_1\_A09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:570  
TTCCGACGAGTAAAAATGTCAGGCCTGATTATCTGAAAGCCATTTGGAATGTGATCAACTGGGAGAATG  
TATCTGAGAGATACATGGCTTGCAAAAAGTAAAGCATTATCGTTACCCGAGTGCATTAAGCAATTTCCA  
ACTATTTTGTAGTAGCTCGAAGTACCACAGTATACCAGTAAGCTGCTCTAGGATAGCATTTCTGAATGT  
GGCTTATTCAGATATTTGATAAACGTAATGCTATGAATAATTTCTGTTTACAATTTTGTATTGGGCA  
ACTGTTTGAATAATTAATGCTTTGTATGATTCTGCTTTTTCATTGAACGTTTCTTCAGAGAGCTAGA  
ATGGCTAGGAGGGTTTAATTGTCATATAAAACCATCAAAAGTATCCCATTCCATGCTGTTAGGGGTCT  
GTGGAAGCCTTTCTCATCCCATCTGTTGTAGGAAATCTAGTCTTTTGCCCGAGTTGTTTAAGAACAAA  
TATTAAATTTATTTCCCAAGGGGAATAGTTTTCTATTGAAAATTGCTCTTTTGTAAAGTAATCCTCCATG  
TAGTTTTGCT  
>GBEQ2261 |Acc|BI960802|Ver|BI960802.1 GI:16319005|MON01\_1\_A08.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:534  
GCACGAGGCGCAGCCAGAGCCGACCGACCGCGAGTTCCCCTGGACCCAGGACCTCAGAAGCCATGTCTGA  
AGCCTCATAGTGTGCGGCTACTGCCTTCATTTCAGACCCAGCAGTGCATGCCGCCATGGCTGACACATT  
CCTGGAGCATGTGCTCGCCTGGACATTGATTCTCCACCCATCACGGCCCGGAACACTGGCATCATTTGT  
ACTATCGGCCAGCTTCCCGATCGGTGGAACATTGAAGGAGATGATTAAGTCTGGAATGAATGTGGCTC  
GTCTGAACCTCTCTCATGGAACCTCACGAGTACCATGCAGAGACCATCAAGAAGCTGCGCACAGCCACAGA  
AAGCTTTGCTTCTGACCCCATTTCTACCGCGCGGTTGCTGTGGCCCTGGACACTAAAGGACCTGAAATT  
CGAAGTGGGCTTATCAAGGTTAGCGGCATCGAGAGGTGGAGCTGAAGAAAGGAGCCACTCTGAAGATCA  
CTCTAGATAACGCCTACATGGAAAAGTGTGACGAGAAGGTCCTG  
>GBEQ2262 |Acc|BI960800|Ver|BI960800.1 GI:16319003|MON01\_1\_A05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:533  
GCACGAGCTTGGACAGAGTGCAGAAAAATGGCGAACTGTCCAGATGGAGCGGACATAGAGACCATCA  
TCAATGTCTTCCACCAGTACTCTGTGCGACTGGGGCACCCGGACACCCTGAACCGGAAGGAATTCAAACA  
GCTGGTTCAAAAAGAGCTGGCGAACTTCTCAAGAGTAAGAAGAAGGATGAGAAAGCCATAAATCATATC  
ATGGAGGACCTGGATACCAATGAAGACAAGCAGCTGAGTTCTCGAGGAGTTTCATCATCTGGTGGCCAGGC

TGACGCATGCCTCCCATGAGAAGATGCACGAGCATGACCAAGGCCACGGCCACTGCCATGGGCCAGGCCCT  
TGGGGAGAGTGGCCATGGTCACAGCCATGGTGGCCATGGCCACAGCCACGGAGGCCACGGCCACAGCCAC  
TAATCTGGAGGCCAGGCCACCCTGCCCTGCCCACTAGGGGCACAGTGCTGTGTGCCATACACCTTAGCTG.  
AAGGATGAAATAAAGTCTTCTCCAAGCAAAAAAAAAAAAAAAAAA  
>GBEQ2263 |Acc|AW735740|Ver|AW735740.1 GI:12000952|HST012 Horse INRA cDNA Library Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:464  
GCTGTGCGCCACAGTCGGAGCTGCCGCCGCTGGAGCAGCCGGGACCCCGCCCTCGNCGCCCCGNCAG  
CCTCTCGCGCCATGCCGTGGGAGAAGACCTTCAANCAGCGCCGACCTTCGAACAAAGAGTAGAAGATGT  
CCGACTTATCCGAGAGCAGCATCCTACCAAAATCCCGGTGATAATAGAACGANACAAGGGGGAGAAGCAG  
CTTCTGACCTGGATAAAACCAAGTTCCTTGTGCTGACCATGTCAACATGAGTGAGTCAAGATAA  
TTAGAAGGGCGTTACAGCTCAACGCTAATCAAGCCTTCTTCTGTAGTGAATGGACACAGCATGGTGAG  
CGTGTCCACACCGATTTCTGAAGTGTATGAAAGTGAGAAGGATGAAGATGGATTCTGTATATGGTATAT  
GCCTCTCAGGAGACATTTGGGATGAAATTGTCAGTGTAAAGCTA  
>GBEQ2264 |Acc|AW735737|Ver|AW735737.1 GI:12000949|HSTG07 Horse INRA cDNA Library Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:491  
AAAAAACCCATTAAAGCTACTCCTGCAGCATGCGCTTTTAGCTTCTCTCGGGACTAAGGATCAAATATCC  
CTCGTGAGCNGGCCCTTCAGCTCCTTTGCATATGTGTGTAAACCTCTGATGTTACTACATTTTATATCTAC  
CTGAATCTTTTATGCTATATCATTTTGTGCTTAACTTTTAAATAAAAATCTGCCCCGTTGCTAATGTG  
GCAGATATGGAGTCCACTTTTCTTTGCCAGCTTTCTTACACTGGCTTTAGGCAAGTGTTTCATCTG  
TTTTTCTTTGATTGGACATCCCAGTTTGGCTACAGTAACAGGAACCTTACTGCTTAATCTTGGATTTCTNC  
ATACACACACGGCACACACACACACACGACACNCAATTTAAGNCATTGTCCAGTGAATATGTGCTANT  
TGTCNGCGTGGATAGGGGGNCACTTTCCGGAAGCTAGCNAGGTATGAATCCGAACCTCTCCCAGCAAAT  
T  
>GBEQ2265 |Acc|CD536613|Ver|CD536613.1 GI:31579028|LeukoN6\_5\_E09.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E09\_A028 3', mRNA  
sequence.:Start:1:Stop:673  
GAGCTGATGATGTTGAAGCATTGTGTTATGATGCGGTAAGAACTAAGATGGTCTATTGCAAAATTGATCA  
GACCCAGAGAAAAGTTGTTGTGTCAGTCATAGCACACATCGGACATTTGGAAAACAGCAATGGCAACAACCTG  
TATGACACACTTAATGCCTGGAAACAAAACCTTGAACAAAGTGAAAAACAGCCCTTTTGTAGTCTTTCTGATA  
CCTGAATCTTTTATGCTATATCATTTTGTCTTTTGGAAAAAGATCTAAATCATAGTAAACATTATAAA  
CTGAAATTTGACTACATTCTGGACATTTATTGTCTCAAATTTAAAAGAAGTCAGTCTTCAGAGGATACAA  
AGTAATAAATTACAGAGGGGTGAGTGTCTATCTTGTATAATAGGTAAGTTGTATTCTGTAAGGAAAGGTT  
TTGAAGGTACAAAAGAAGCTTTGATGAAAGGCTATATGGAGGAAAGACATTTAATTAAGGGGTATTAGAT  
GCTAACAGCAAACTTTGTCATCTTAGCTATCTTAAATGAAGCATTGTCTGAGTGAAAACATAGTAATATA  
ATTCTTACATCAGAAAAAGCTGGAACAGTAAGTACACATGTAAAGCTTAGGATGTAAAGTCATTTTTTTA  
GTCAAAACCACATCAGTATTTCTATTAAATCAGTTCCCCCTG  
>GBEQ2266 |Acc|CD536607|Ver|CD536607.1 GI:31579022|LeukoN6\_5\_B02.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_B02\_A028 3', mRNA  
sequence.:Start:1:Stop:480  
GAAGGACATTGGTGTGAGTGACTCCATGCCCACACCATCACCACCTGCATCTTGACCCTGATTCTTAGCC  
CGTTGCTCCCCCTCAGCCCTTCCCCCAGGCCCTGTTTCAGACCTCTCAGACAGAGGATTGCCTTTCTCCGC  
AAGATCACCCACAAGAACCAGATGCCATGCTCGTGGGGCCACCCCTCGCTCCTCCAATTTCTTTGGCT  
TCTTGTGCTGAGGGGTACACCTCAGCCTCCAAGCCATCCTTGAAGCCACCTCCTCGTCTTGGACTCTAT  
TTCTTAGGCTCTGTACATTGCTGCCCCATCCTCCTGCCAGCTCAGGGGAGTGTCTTCAACCTCACAGT  
ATTTATTATCCTGCACCAACCTCCACTATTCCCCATGCACACACACACACACACACACACACACACACACAA  
CACATACATTGAAAGTGCCTCATCTGAATAAAATGACTTTTTTCCCCACTGGGATATCT  
>GBEQ2267 |Acc|CD536482|Ver|CD536482.1 GI:31578897|LeukoN6\_8\_E07.b1 A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E07\_A028 3', mRNA  
sequence.:Start:1:Stop:537  
GGAATGCTACTGACAATTTCTTTAAATTTCCAACCTGAAATTTGGGTCATAATTACACTTTTCACTGTCCA  
AGCAAGATGCCCTTTTGGCAGCCAGATTTGTGGGGAGCCTGCTGCTGCTGTATGATGATTGGGATCT  
GGTGGGGATGCGTCCGCGTTTTCAGGCTGCCAGATCTACTGATGTTGCTGCCGTGGTGGTGGCCATCTTGT  
TCCTGATACCTGCTGAGCCTGGGGGTGGGTTTGGCATCCTGTACACAAAGCATCGGCGGCTGCAGAGTAG  
CTTCACTGCTTTCCGCAATAGCCACTACAGTTCCAGGCTGGGCTCGGCCACCTTCTCCTCTGGGGATGAC  
CTGGGAGGACGATGAAGATGCTCCTATGATAACTGGATTTTTCAGATGACGTTCCCATGGTGATAGCCT  
GAAAGAGCTTTCTTACTAGAAACCAATGGTGTAATATTTTATTTGATAAAGATAGTTGATGGTTTTAT  
TTTAAAGATGCACTTTGAGTTGCAATATGTTATTTTTTATATGGGCC

>GBEQ2268 |Acc|CD536476|Ver|CD536476.1 GI:31578891|LeukoN6\_8\_G03.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_G03\_A028 3', mRNA  
sequence.:Start:1:Stop:477  
CTCGTATTTGTGCCAACAAAGTACATGGTGAAAAGCTGTGGCAAAGATGGCTTTTCACATCCGAGTGC GGCT  
CCATCCCTTCCATGTCATCCGCATCAACAAGATGTTGTGTCATGTGCTGGGGCTGCACAGGCTCCAAACCGGT  
ATGCGGGGTGCTTTTGGAAAGCCCCAAGGCACAGTGAAGAATTTAGGCCTTGGCAAACCTTTCTTTTTCG  
AAGAGAAGATGATAGCCGAAGCCCTTCTGAGCTGAAAGCCTCAATCAAGAAAGGAGAAGAGTTTGTA  
GAGCATGAAATGAGAAAGCAGCTGATGAGCAGCCGTTTCCCTAATTATTAAAGGCGTCATGTCATGTAAA  
GCCATTTTCAGACCCCTTTGTATTTTCACTTTGCTTCCATGATGAGTGTGTATTACTGTCACCGTCCCTTC  
CAGATTTTCGGGCGGTCCGCTGGTGCTCAATAAAAGCAGGCTTTGGTTTTCTTTTTC  
>GBEQ2269 |Acc|CD536337|Ver|CD536337.1 GI:31578752|LeukoN6\_7\_D07.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D07\_A028 3', mRNA  
sequence.:Start:1:Stop:543  
TTGGCAGGAAGTGACTTCACCCGATCCCACCATCACAGAAGAGAGGGTACAGAGTATGAGCACATGATG  
CTGATGGACTTGAACCCACAGCACGTAGCAGCCTCAGGGCCCCCTCCTTAGGCCTCATTTTCTCCTCCAG  
AAAATGGCAGAGAACAGTTTGCCTACTTGTGGCTCACCAAGGACCCAGAACCTTCATGTTTGCCTACTT  
CCTGGACGATAAGCAGAATATGGGGCTGTCTTCTATGCAGACAGGCTGAGGTGACCCCGGAGCAGATG  
AGTGAGTTCCATGAAGCCATCGGGTGATCGACATTGACAAGTCGGAATCATGTACACTGATGAGAAAA  
AGGATCAGTGTGGGCTCTGGAGAAGCAGCACGAGGAGGAAAGGAAGGAGAAACAGGAGGAGGCTAGGA  
GGACACAGCCCTGGGTGGGGCCTCGGGGACTTGGGGGCGTCCCTAGCCCCCATCCACCTTTGTACCTC  
CATTCCTTCCCTCAGTGGCAACAATAAAGCTTCTGCCTTTGCGACGGGCACTC  
>GBEQ2270 |Acc|CD536216|Ver|CD536216.1 GI:31578631|LeukoN6\_4\_E03.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_E03\_A028 3', mRNA  
sequence.:Start:1:Stop:685  
CAGAATGATGAACTTATCATCAATTCCTTGATATAAAAAATAAGAGATTTTCTGAGAGAACTGATTTCA  
AATGCTTCTGATGCTTTAGATAAGATAAGGCTAATATCACTGACGGATGAAATGCTCTTCTGGAATAG  
AGGAACTAACGGTCAAATTAAGTGTGACAAGGAGAAGAACCCTGCTACATGTCACGGACACTGGTGTAGG  
AATGACCCGGGAAGAGTTGGTTAAAAACCTTGGTACCATAGCCAAATCTGGCACAAGCGAGTTTTTGAAC  
AAAATGACTGAGGCACAGGAAGATGGCCAGTCAACTTCTGAATTGATTGGTCAGTTTGGTGTGGTTTTCT  
ATTCTGCCTTCCCTTGTGGCAGATAAGGTTATTGTACATCAAAACACAACAACGATACCCAGCACATCTG  
GGAATCCGACTCCAATGAGTTTTCCGTAATTGCTGACCCAAGAGGAAACACTCTAGGACGGGGGAACAACA  
ATTACCTTTGTTTTGAAAGAAGAAGCATCTGATTACCTTGAATTGGATACAATTAATAATCTCGTGAAAA  
AATATTCACAGTTCATAAACTTTTCTATTTATGTATGGAGCAGCAAGACTGAAACAGTTGAGGAACCCAT  
GGAAGAAGAAGCAAGCAAAAGAAGAAAGAAAGACTGATGATGAAGCTGCA  
>GBEQ2271 |Acc|CD536121|Ver|CD536121.1 GI:31578536|LeukoN6\_3\_H04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_H04\_A028 3', mRNA  
sequence.:Start:1:Stop:622  
TTCAGCTAATTTATTTACTCGGATAATCGGCTGAATGTAACAGAGGAACCTAACGTCTAACGACAAGACG  
AGAATCCTTCACGTGCAGACGCGGCTCCGCGACGCGCGGCGAGGTGGACTGGAGGGCGGTGCTGCGCGGCG  
GCTCCCTGTACATCGAGATCCCGGGCGGGCGCTGCCCGAGGGCAGCAAGGACAGCTTCGCACTGCTGCT  
GGAGTTCGCGGAGGAGCAGCTTCGCGCCGACCACGTCTTCATCTGCTTCCACAAGAACCGCGACGACAGA  
GCCGCCCTGCTCCGACCTTCAGCTTTCTGGGCTTTGAGATTGTGAGACCGGGGCACCCCTTGTCCCCA  
AGAGACCCGAAGCTTGCTTCATGGCCTACACCTTCGAGCGGGAGTCTCCGGGGACGAGCAGTAGCAGGG  
CCCCCGCGCCCGAGCCTGCGTCCCCCGAGCCGCGCGGGGTGACAGCGGCGCCGGGCGGAGGTGCGG  
CCGCTCCCCGCTGTGTCCGCGTGTGCTGATTTGTGCAATAAACGCTCACTGCAATCAGCGGTGTGTTCC  
TGCAGTTCAACGTCGTGTTTGCAGATTGAAGTGTTTGTCTTAATTCTAATAAAAGTTTAT  
>GBEQ2272 |Acc|CD536101|Ver|CD536101.1 GI:31578516|LeukoN6\_3\_D02.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D02\_A028 3', mRNA  
sequence.:Start:1:Stop:645  
ATCAATGACTTGGACATGTCAGAATTCCTGATTAATCCAAATGCAGGTCCTTGCCGCTATAATTTGATTG  
CTGTTTCCAACCACTATGGAGGGATGGGAGGAGACACTATACTGCTTTTGCAAAAATAAAGATGATGG  
AAAATGGTACTACTTTGATGACAGTAGTGTCTCAACTGCATCTGAAGACCAGATTGTGTCCAAAGCAGCG  
TATGTACTCTTCTACCAGAGACAAGACACTTTCAGTGGAACTGGCTTTTTTCTCTTGACCGAGAACTA  
AAGTGCTTCAGCTGCCACAGGCATCCCATAGAAAGTGATGAAGATAGCAATGATAATGACAATGATAT  
AGAAAACGAAAACGTATGCACACTAATAAGAAAGTCTTAGAAGCCATAAAAGAGAGAGACTTCTCTGCT  
GGTGGTATCTATTGAAATGATGAAGTTACCCACCACATTAACAGAAATCTGAGATGGGGAGTTTCAGAT  
AAGCGAATGTAAATCCTTTATCAGATTTTAACTTGTGCAGTACTTGAAGTGAAACACAATGAAAACCTTTA

ACAGAAATTGCTCTTAATACATTTACAGTCTTGTATTTACAAGCTAAATATATATAGGAAATCACAAAT  
AAATCCCTTTTAAGT

>GBEQ2273 |Acc|CD536086|Ver|CD536086.1 GI:31578501|LeukoN6\_3\_D05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_D05\_A028 3', mRNA  
sequence.:Start:1:Stop:563

TAGAGAGAAGACCAGGAAGGAGCAGGTCCCAGGGGCGAGCTTGGCCCTCGGTGAGGTCTGGGGTGCTGGG  
AGGAGACTCCAGTCCAGTGACATCCCCGCACTGGGACCACAGAACCCCATCACCACAAGTAAGAGGAGCC  
CTCTCTGCCCTTGGCCTGCAGATTGTCAGTGTGCTTTGTGTTCTGTCTGTCGTCCTGTTCTGGAACAAAAAG  
GAGGGAACACATTGTCCCCAGAGGCGAAGGCCACCCCATCGGGTCTGGACAGGGTCTCTGAATGTGTGC  
CATCTGCCACTCGCAGCCTTCCTGCCTGCCTGACATGCTTCCTCCTGGAGTCCATCTCCCTGACATTCTT  
TGTAATTTCTTTTGAAGATCCCAAATAAAATCCAGCATTTTCTCTAGTTCTTTTAAATATGATATTTTA  
ATATTTTGTGTATTGATATTTTCATTCTTAATGTGAAAACTGGAATTATTTATACTTATTATAGAAA  
ACATTTGAAATTTGCACATTTAGTTGTTCTTAATAAACTGCTATGTACTCTGTTTCTTGGTTTCTCCAAC  
ATT

>GBEQ2274 |Acc|CD536075|Ver|CD536075.1 GI:31578490|LeukoN6\_3\_G03.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_G03\_A028 3', mRNA  
sequence.:Start:1:Stop:643

TCGGGATGACAAATCCATAGAATATATTTCTTTTATGTTAAATTATGATCTTCATATTAATCTTAAATTT  
TGTGACGTGTCTTTTCTTTTTCACAGTTTTAATATATTATTCTTCAACGACATTTTTTGTAACTT  
TACATTTTTTTGGTTATTTTATTTTAAAAAATGAAAAATTAATTTAAAAAATGCAAAAACTGTTGG  
ATTATTTATTTAGAAATTTCTCCCTTTGTGTTGGACTGCAAAATTGAGTTTCTTCTCTTTAGGCCTTT  
CACAACTAGGACTGAGAATGTATGTAAGTTCTGTGACAGTACAGAAGGAAACAACCTTTTATGTATA  
GCTTCTAAAAGGAAACAACAACAAAAGAAACCCCTTTGACTTCCACGTGCCCATCTCAAGACATTCGG  
ATCGCAGATTTGAGGTTCTGGATTCCAGGTTTGGAGTTTCCAACGTTAATGCAACAGGACTGGCACAC  
ACACACATTAAGATGAATGTAATTATTATCTCTTGTCTGGTCACTACCGTCGCTTTCTATTTCTCTTTC  
TTTGTGTGAATTTATTTAAAAGAAAAAAACCTTTTGTAAACGACTATTTGCACTTTAAAAATCAATAAA  
CCCCGTTTTTCAA

>GBEQ2275 |Acc|CD535967|Ver|CD535967.1 GI:31578382|LeukoN6\_2\_G05.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_G05\_A028 3', mRNA  
sequence.:Start:1:Stop:651

ATCATTTAGGGTTGTTTGTAGTCAGACTGAAACAACCTGAAACCTTTAATGACTAAGGAAATGAAATGATC  
AGTTTGTAAAGAAAAATACAACCTTCTCTCTTTGGTAAATAAGGGATCATGTGTAATAAGGCAGAGGGT  
CATGGCCTGATAAATAGATGGGAGAATTTACAGTAGAAAAACATTAAGTTCCCCCAAATCGTAAAGGAAA  
TACTGAGTCATAGTGACACATGTCTGGATTGTTTCTTCAAAGTGACTTCTAGTTGACTTGTGTTTACT  
TCTAGTGGAAATGAAATTGTACAGATGATCTCAGATATATTTACTATGTATTGGAAATTTATGAAGTCAC  
TTTCATCTTATGCAGTTATTGAAGAAACAACAGTAAGTAATGTTGCTGAAACTTTTCCATTAACTATTT  
ATTTTTTAAAGTATAAAACATTGTTGAGAGGCTGGCCCACTGGTGCAGTGGTTGAGTTCCGGTGCATTCCA  
TTTCGGTGGCCAGGGTTTGGGGCTCAGATCCTGGGTGTGGACATATACCCTCATCAGGCCATGCTGA  
GGCGGCGTCTCAGATGCCACAACACTAGAAGGACCCACAACGAAGAATATACAACCTGTGTCTGGGGGGATT  
TGGGAGAAAAAGGCAAAAAAT

>GBEQ2276 |Acc|CD535935|Ver|CD535935.1 GI:31578350|LeukoN6\_2\_B11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B11\_A028 3', mRNA  
sequence.:Start:1:Stop:529

CCATGAGAGAACTTTATTGCTGGCAAGAGCATTGTGGAAATATCATAACTGCATTGAGAAAAGTTAC  
AAGTCCATCTTTGTTTTGTCTCCCACTTTGTTTCAGAGTGAGTGGTGCATTATGAGCTCTACTTTGCCC  
ACCACAATCTCTTTTATGAAGCTTTTAAATAACTTAATCCTGATCTTGCTGGAACCCATTCCACAATATTC  
CATTTCCAGTAGCTATCACAAGCTGAAATTTCTCATGGCAAAGAGGACTTATTTGGAATGGCCCAAGGAG  
AAGAGCAAACATGGACTTTTTTGGGCTAACCCTAAGAGCAGCCATTAATATTAAAGTTGATGGAGTAATCAA  
AATAAATAGATCACATGTAGATCTAAAAGTATTTCTTTTCACTGTTGCTGCTTTTGGAAAGTTCCAACATG  
ACCTTATTTTGCATTGACCTGAATCTAAACGCGATTTTGGATTTATGATGTAGATAACATGTGTACTTTC  
AGGCCCCCGTTACCATTTTATATGTGGTAATAAAAAATTA

>GBEQ2277 |Acc|CD535869|Ver|CD535869.1 GI:31578284|LeukoN5\_5\_C04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_C04\_A027 3', mRNA  
sequence.:Start:1:Stop:606

CTATGTCAGCATGATTGCCTTAGAAAGACCAGATCTCAGGGAAAAGGTTATTTAAAGGAGCAGAGATTCTG  
GAAGTGTTCACAGCCTTCCAGCAGTTCGGCAGTATCTGTTTTCACTCTATGAATGTCGTTACTCAGTTT  
TCTTCCAGTCGTTAGCCGTTGTGGAACAGGAAATGAAAGAGGACTGGCTTTTTGCTCCTCATTATCGGTA

CTATGTAAGAGAAATGAGAATTCATGCATACAGCCAGCTGCTGGAATCGTATAGGTCACCTAACCCCTTGGC  
TATATGGCAGAGCCTTTGGTGTGGTGTGGAATTCATTGATCAGGAACCTCTCCAGATTTATTGCTGCTG  
GGAGACTACACTGC AAAATAGATAAAGTGAATGAAATAGTGGAAACCAACAGACCTGATAGCAAGAACTG  
GCAGTACCAAGAACTATCAAGAAAGGAGATCTGCTACTAAACAGAGTTTCCAGAGTAATT  
AATATGTA AAACCATGTAAACAAAGGATTTCTTTAGAGATAATTATTTGGAATTTTTATAGCTTATTTCA  
CTGTGTGCCAGTTCAACTGTATAAAATAAATACTTCAATTGTTGTT  
>GBEQ2278 |Acc|CD535860|Ver|CD535860.1 GI:31578275|LeukoN5\_5\_D04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_D04\_A027 3', mRNA  
sequence.:Start:1:Stop:508  
TAATTATTCGGCCCTAATCGGTATATTTAATGTATTGAATAGTAAGGAAAATCTCCCATGGAATTAGC  
CAGTACCAATACCCCTCAGATTTAGGGGGGAAAAAATCTTGCATTGTCCTCAATATGGACTCGGATTTCT  
TTCTTTCTTTTTTCAACTTTAGACCAAGTACTATTTAATTTAAGTCAGAAATTGCAACAAAGTCTTTTGA  
AATGAGGCTCATTTTGTCTGATAACATTTGAGGGAGGGAGGGAAAACCTTTATTTTGTGTAACCTCAGACAT  
TGGTGAATGGCCGCTGCCCCATAAGCTATGCATTTACTCAATGTTTCCAGTGAGCTCAATGTTTGTCT  
TGGAAAGTGGATGTGTGTCCATGTTTGTCAAGAAAACCTTACCAGCAGAGATCTCAGTCCTTTGCTACAG  
ATTTCCCAAAAATTGTAAAGTCTTTTCAGTTTAGGAGTTTCTTTAAATGTATAGTGTTTTAGGAAAAAAT  
CAATAAATAGTTGTCTC  
>GBEQ2279 |Acc|CD535760|Ver|CD535760.1 GI:31578175|LeukoN5\_8\_A03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_A03\_A027 3', mRNA  
sequence.:Start:1:Stop:425  
GGAGGAAACTATGGTCCAGGAGGCAGTGGAGGAAGTGGGGGTATAGGAGGAGAAGCCGATATTGAGCTT  
CTTCTATTTGCCATGGGAAGGTGTCTTGTCTGCAGGTAACATAATGAAGAAGTGGTCAACCACAGAGTCTT  
CAAGAAATAAGAAATTTCTGTACCATCTGAAAGTAGTTCTTGTGTTGGTGCCTTCATTTTAAAAAGCACTCTT  
TAAGATTAAAGGAAATGTTTTCTGATAAAATACAACTTCATTTAGTACAGGTTCTTAATATAAAACAT  
TTACAAATTGAGTATGTTTGTAAAGAGTAACATCAAATTGGCTAGAGAGAGAAATGTATCATGTTTTTA  
AATTAGGTTTTGTGAGTAGACAGATTAATAATTTATTTTAAATATAAAGTTTATAAAATAAATACTTTTG  
TATCC  
>GBEQ2280 |Acc|CD535582|Ver|CD535582.1 GI:31577997|LeukoN5\_6\_G07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G07\_A027 3', mRNA  
sequence.:Start:1:Stop:589  
GGCACCGGTTGCAGGCAGAGAAAGAGCTCCTGGCCCCGCAGGTGGTGTGCGCGGGGTGGCGGCGCCCC  
CTACCACCTCGGGTGGCCCCGCGCACGCAGTTCTCAGGGCTGCGCAGGGAGCTGCCGCCCGTCGTGCAC  
CTGCTCACGCTGGCCCGCTGGGGCCCCGACACGCTGCTGCTGCGCTTCGAGCACCAGTTCCGCCGTAGGGG  
AGGACCCGGGCGGCAACCTGAGCTCCCCAGTGACCTTGGACTTGAGGGACCTGTTCTCCGCCTTCGCCAT  
CAGCCACCTGCGAGGACACGCTGGCGGCGCAACAGCTCTCGGCCCGCGCCTCCAGGCTTCAGTGGACA  
CCGAACACGGGCCCCCGCCCCGGCCCCACACCTCATCTCTCCCTTCCGGCTGGACTCTTCTACCATCG  
AGCTGCAGCCCATGGAATCCGCACCTTCCTGGCCGAGGTCCAATGGGAAGAGGACAGCTAGACCAGACA  
CCCTGGGGGCGAGGTGCCCCCTTCTGAGCCTGAGCCTCCGCCTCCTCTTGGTGTGCTGCTGCCACCAA  
AGCCATTAAATGCCACTACCAAGACTTG  
>GBEQ2281 |Acc|CD535172|Ver|CD535172.1 GI:31577587|LeukoN5\_1\_B03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B03\_A027 3', mRNA  
sequence.:Start:1:Stop:647  
AAAGCAGGTTGAGAAGCCATTTTGTGTCCAGGGCAGCTTTGCTCATGTTTCCCATGATTTTCATAAACCAC  
ATTGTTTGAAGAAGTGTCTCAGTCAACTTGCATAATCAGTTTTACTCTCGATAAAATTATAGATCTAACGT  
TTGCATATAAGGGAAGTAGTTATCATGTTAGTAATACCTCTAACAGTATAAGCCCCACCCAGATTAGCC  
CGTAATCCTGTAGGAAGGTACTGTACGATCAAATGTGTAATCATATAAATAGAATGTGAGTGTGTCACTG  
AGCACTGTTTCTGTTGTATCCAGAGTCCCTGATTTTCATCATTTCACTTCACTGTGCTGTGGTTACGATGT  
GCTTAACAGGGAACGTGGTTAGTGAAAGGAAGATAAACCTGGATGTTTCTGCAAAACGTACCTTAACGAA  
TGTTGAAAGAATTGAGATTTTATCTGCCCTCCCTTAATTTGGATCTCTTCTATACATAGTGTCTCACATG  
AAGACCTTTTTTTGCGCTATACGCAACAGGGTAACCAACAAAGCCACTTTTCACTTCTTGAAGGTATAT  
CCAGGTTTATGACAGTAATTGTGTTTACATTTTATGGTGCCCTAGTATTGACAAATGTTATAGCCCTATAT  
TAAACAGATGAATCCTT  
>GBEQ2282 |Acc|CD535167|Ver|CD535167.1 GI:31577582|LeukoN5\_1\_E05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:643  
CAGAAATTGCTAAGGCACTTCTGGAAGCTGGCTGTGATCCTGAGCTCCGAGACTTTTCGAGGAAATACCCC  
CCCTTACCACCTTGCTGTGAGCAGGGCTGCCTGGCCAGCGTGGGAGTCTGACTCAGTCTTACGGAACCC



CGCACCTCCATTCCATTCTGCAGGCCACTAACTACAGCGGCCACACGTGTCTGCACCTAGCCTCTATCC  
ACGGCTACCTGGGCATCGTGGAGCTTCTGGTGTCCCTGGGTGCTGATGTCAATGCTCAGGAGCCCTGTAA  
TGGCCGAACCTGCCCTCCATCTCGCTGTGGACCTGTAGAATCCTGACCTGGTGTGCTCTTGTGAAATGT  
GGGGCTGACGTCAACAGAGTCACCTACCAGGGCTACTCCCCGTACCAGCTTACCTGGGGCCGCCGAGCA  
CCCCGATACAGCAGCAGCTGGGCCAGCTGACCCTAGAAAACCTTCAGATGCTGCCAGAGAGCGAGGATGA  
GGAGAGCTATGACACGGAGTCAGAGTTCACGGAGGACGAGCTGCCCTATGATGACTGTGTGCTTGGAGGA  
CAGCGCCTGACGCTATGAGCTTCGGAAGTGTCTCAAAGAACATGGACTTGTAGATTTGTACAAAAGAG  
AGTTTTATTTTCT

>GBEQ2283 |Acc|CD535164|Ver|CD535164.1 GI:31577579|LeukoN5\_1\_A08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A08\_A027 3', mRNA  
sequence.:Start:1:Stop:415  
TTCCAAAATGCAGTTTTTTAGAACCTGGGTTTTAATAGCAATTTTGAATTTGTATGGTTAGTAGTTGCAGA  
AATTGAACCCTAGGTGGCCCCCAATTTTTTTTACCATTGGAAATATTGTCAACTTTTTTTTTTTTACTTT  
GCAAAGGAAATTTCCCAACAAGAAAAGATTGTTTTGCCCATATGCATGTATGTAGAATATTTTTTTTACTTT  
AAAAGATTGTTCATTTTATTTTCAGAAAGTCATAATCCATGTAAGCTCCAATTTTAAGTGCTTTATAAATGCT  
TAAATTATATATAAATGAAAATTTAATTTTCATGCCAACTTGTACAAATTGACCCCTTTTCAAACCTTTCCCT  
AAGCTGGGGGAAAGAGGGGGGAATACCAACTTAATGAAAAGATGGTTTTCCAGTTTTTGAATGCAAG

>GBEQ2284 |Acc|CD535158|Ver|CD535158.1 GI:31577573|LeukoN5\_1\_C08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C08\_A027 3', mRNA  
sequence.:Start:1:Stop:716  
ATGTTGCAAAGAACTGGGAGAGATGTGGAATAACACTGCTGCAGATGACAAGCAGCCTTATGAAAAGAA  
GGCTGCTAAGCTGAAGGAGAAATACGAAAAGGATATTGCTGCATACCGAGCTAAAGGAAAACCTGATGCA  
GCGAAAAGGGAGTTGTCAAGGCTGAAAAAAGCAAGAAAAAGAAGGAAGAGGAGGAAGATGAGGAAGGTG  
AAGAGGATGAGGAGGAGGAGGAAGATGAAGAAGATGAAGATGAAGAAGAAGATGATGATGATGAATAAGT  
TGGTTCTAGCGCAGTTTTTTTTTCTGTCTATAAAGCATTTGACCCCCCTGTACACAACCTCACTCCTTTT  
AAAGAAAAAATGAAATGTAAGGCTGTGTAAGATTTTGTGTTTTTAACTGTACAGTGTCTTTTTTTGTATA  
GTTAACACACTACCGAATGTGCTTTAGATAGCCCTGTCTGGTGGTATTTTCAATAGCCACTAACCTTG  
CCTGGTACAGTATGGGGGTTGTAAATTGGCATGGAAATTTAAAGCAGGTCCTTGTGCGGTGCACAGCACAA  
ATTAGTTATATATGGGGATGGTAGTTTTTTCATCTTCAGTTGTCTCTGATGCAGCTTATACAAAATAATT  
GTTGTTCTGTTAACTGAATACCACTCTGTAATTGCAAAAAAAGTTGCAGCTGTTATGTTGACATT  
CTGAATGCTTCTAAGT

>GBEQ2285 |Acc|CD535154|Ver|CD535154.1 GI:31577569|LeukoN5\_1\_C04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_C04\_A027 3', mRNA  
sequence.:Start:1:Stop:644  
CAGTAAGTGGGGGAGAGGTGGCCAATGATAGTCCCTGTGTCTGCAGGAGGAGGTAGTGGCCAATGGGGA  
TTCGGGCCATTACAGCTTCGGGAGCAGCAGCAGCAACAGCCCTGAGCCTCAGGAAGGTACCACCTCC  
CCTGCTTTGTGTGTCATCCCATGCCACTCTCTGGTCCCTTGGACTTCCCAGTCCCAGTCTGAATGACAT  
GCCTCTGCTCCCTTCAGGTACAGACAAAACCTGAGGCCCTGTCCAAGGAGATCAGGGGTCCCTGGAGC  
TTCTCTCCTCTCCAGACTCAGGTGGTGTCTGACTCATCCCTGCTCCCTGTGCCCCCAGGTTCATCTTCC  
TGTGGCTATGCATGCATTATCTAATCTGTGAGGGCTTGCCACAAGCTGGGCCCACCTTCCCGGGACAGAG  
GCACCTGGCCAGACTCCAGACTCCAAACAGTTTGTCTCTCAAAAATACCCACTACAGGGGCCAGCCTGGT  
GGCTTAGTGGTTAAGTTTGCAGCACTCTACTCCGGCGGCCGGGTTACAGGTTTCAGATCCCAGGTATGG  
ACCTACATACCACTCATCAAGCCACTCGGTGGTGGTGTCCCCATAAAATAGAGGAAGATTGGCACAGAT  
GTTAGCTCAGTGAC

>GBEQ2286 |Acc|CD535072|Ver|CD535072.1 GI:31577487|LeukoN5\_3\_A10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A10\_A027 3', mRNA  
sequence.:Start:1:Stop:475  
CACACACACTGGAATACTACTCAGCCAGAAAAAGACAAATTCATCCCATTTGCAATAACATGGAAGGACC  
TAGAGGGAATTATGCAAGCGGAAATAAGCCAGTCTGAGAAAGACAAACACCAGATGTTTTCACTCATATG  
TGCGCATATAACAAATACATAGACAAAGAAAACAGTTCACTGGTTACCAGGGGAAGGGGTAGGGGGTGG  
ACACAAGGGTTGAAGGGGAGCACTTCTGCGGTAACAGTCAAGAAATAATGTACAACCAAAAAATCTAAAA  
TCAGTAATCTGTTTCCACCTTAGGAACTAGAAAAAGAAGAGCAAATTAAGTCCAAGTAAGCAAAAGAAA  
AGAAACAAGAATTAGAGCAGAGATCAATGAAATTGAAAACAGGAAATCAGTAGGGAAAAATCAGTGAAAC  
TGAAAGCTGGTTCAATTGGAAGATCAATAATGTGCTAAGCCAGTAGTCAGGCT

>GBEQ2287 |Acc|CD528910|Ver|CD528910.1 GI:31567532|LeukoN3\_8\_C03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_C03\_A025 3', mRNA  
sequence.:Start:1:Stop:633

TGCTGGGGGAGCGTCTTCTGTAGGAGTTCAGTCTGATGAAAGTGTCCATGGGGGAATCGGCCTCCTCGG  
AGGGTCACAGTCTCTCTGACGGGACCTGCCAACCGTCGCTGGGCAGTCATGCTGGCGTTCTCTGAGGTG  
GCGGGAGGATGGCTGCCTCTGACGTGGGTGAGTAGCTGAGCCAGCCAAGGAGAGGTTGGCCGAGGAAGC  
GAGGAAGCGAGAAAACGAGAGATTCTTGGTTAAACTGAAGACTTCCTTTGGAAACCAAATCTTAAATAA  
TCTCTTGGACCTTGAGCCACATGTTTCCCCAGAAAAGTATGCATTTTTTCTAGCAAAATTTTGTAGGGG  
TTGTGTTATTGAAGAATGAACAGATGAATATGTGGAACGTGTTATTTAATGGTATGCTGTTCTAGAAAT  
CTGAAGACCTTCAGGAGATTTAAAATCTAACTCTTGTATAACTTTTTAAAAGATTGTGAAATTATCAA  
AATGCACATGAATCAAGTTTTAATATACTGTATGATGGGTGGATGAGGCTGTCCATTGTACCATTTCTTT  
CTTTGAATTCTCAGGCATGGTTTGGCAGTGCAAGAACCTCTGTAACATTAACAAATTCATAAAAAGTAAA  
TAT

>GBEQ2288 |Acc|CD528850|Ver|CD528850.1 GI:31567472|LeukoN3\_5\_F03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:811

GAGTGGTAAAAAATTTTTAAGTGACAGTGCCATAGTTTGGACAGTACCTTTCAATGATTTAATAGCCTG  
TGAGTCCAAGTTAATTATCACTTTAATGCTAGGGAGTGAAGTCCCAGGATGGTTTCAGTTTCTCCCAGA  
TGTTAGACCTAAATTTTACGTGAGTCCCTTTAACACAAATCTGTATTTCAAAGAACCTTTCTCTGCAGT  
AGATCTCGCAGAGGAAATTTGCACTATTACACTTGAAAATGTTAACCTTTTGGCAGCTCAATAGGAAAG  
CTCAACATTTTAACTTGGTAGTACTGGAAGTTTTATGACAAGACTTTTACCTAGCACTTAAATATGTAT  
AAATGTACATAAGACAACACTAGTAAGCATGACCTGGGGAAATGGTCAGACCTTGTATGTGTTTTTGGCC  
TTGAAAGTAGCAAGTGACCAGAATCTGCCATGGCAACAGGCTTTAAAAAGACCTTTAAAAAGACACTGT  
CTCAACTGTGGTGTAGCACCAGCCAGCTCTCTGTACATTTGCTAGCTTGTAGTCTTCTAAGACTGAGTA  
AATCTCTTAATTTTAGAAAGTGGAGGTCTGGTTTGTAACTTTCCTTGTACTTAATTGGGTAAAAGTCTTT  
TCCCAAACACCACATCTTTTGTGAACTTTGTTAGTCACTCTTTTATTGGTAAATATGAACTGGTGT  
AATTTGTACAGTTCATGTATATTGATTGTGGCAAAGTTGTACAGATTTCTATATTTTGGATGAGAAATTT  
TTCTTCTCTCTATAATAAATTTGTTTCTTATCTTGGCATTTA

>GBEQ2289 |Acc|CD528774|Ver|CD528774.1 GI:31567396|LeukoN3\_7\_F07.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_F07\_A025 3', mRNA  
sequence.:Start:1:Stop:597

GATCCACACGTTTCGGGACTACCTGCACTACCACATCAAGTGCTCTAAGGCCATATTCACACCCGGATG  
CGGCAAAAACCTCCGACTTCTCAAGGTGCTGAACCGTGCACGCCCAGATGCGGAAAAGAAAGAAATGA  
GAACAATCACGGGGAAGACGTTTTTCATCCCGCTAACTCTTGGGAACAGGAAGAGGAAGCTTCGGCTGGCA  
ACTGAAGGCTGGAACACTTGCTACTGGATAATCGTAGCTTTTAACGTTGCACCTCTTCAGGTTCTTGAGA  
GATTCTCCGTTTTGGTTCCATTTTGTACACGTTTGGAAAATAATCTGCAGAAACGAGCTGTGCTTGCAAG  
GACTTCATAGTTCCCAAGAATTAAAAAAGAAAAAGAAATTCACCTTGATCAACTTACTTCTTTCT  
TTGTTCTCCCTCCCTCACCGCCCTTCCCTTCCACCTCTTTTCCAAGCTGTTTCGCTTTGCAATATGTTA  
CTGGTAATGAGTTGCAGGATAATGCAATCTTAACCTTGTTTTTCCTCAAGTATTTGAGTTTAAACTCCT  
GTATCTAAAGAAATACGGTTGGGGTCATTAATAAAGAA

>GBEQ2290 |Acc|CD528759|Ver|CD528759.1 GI:31567381|LeukoN3\_7\_C08.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_C08\_A025 3', mRNA  
sequence.:Start:1:Stop:639

CAGGCACAAAGTCACACAGAATGTGGTTTCAATTTAGAAGGTTTTTGCCTCTTTGTACAGTTAATCCAGGAG  
AGGGAGTCTTTGCCAACTGATGACCAACAATTCAAAGCCCGATAGTCTCTCTGAAATGGTGACAATAC  
AGAAATAAAGTGTGACTTTTTGTCCGGAGCTCCTCTGGCCTTTGTTCTTTTTTAACTTGAACATAGGTGGG  
AGATAAGAAAGGAAACAAAGCTTTAAAATTGGAGTGGCAAGAGAAATAATCGTTATTTTCAATTCGTGA  
GTCCTTTATATTCATTTAGCGAAATCATTGTATATACACCAGGGAGAAAGTTTTCTTTACACCCTTGACA  
ATATATCACACACTCTTCAAGATCATAATAATATCATTAATGTGAATTTAAACAAAATGGCTTGTGTAGAA  
AATATGCTAATTTGCTATGTTCTCATTTATGTTTGGCTTAGCCTTTATTTGTTTTTCTATGAACAGTTAGAGA  
GCTAATTTTTTTTCAAAGGTGATTGTAAGTCATATTTTATATAGCATTTTGGCTTGATTATTTGCTCTGTAC  
TGAATTTGTACTCTATTGCCATTAGATCTTACAATAATGTTCCACTCTGCAATTTTTAAGGTTCAAATA  
AAGTTTAAT

>GBEQ2291 |Acc|CD528723|Ver|CD528723.1 GI:31567345|LeukoN3\_7\_B10.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_B10\_A025 3', mRNA  
sequence.:Start:1:Stop:584

TGATGGGGATCGGGGATTGCAATTAATCCCCATGAACGAGGAATTCACAGTAAGTGCGGATCAGAGGTAT  
CAATGGTGTGAGCCCAAAGGTCCGAAAGGTGTTGCAGTCTCCGCCTTCGCCAGATCTTCAACGGCAGC  
TTTGTTAAGCTCAACAAGGCTTCAGTTAACATGCTGAGGATTGTGGAACCATATATCGCGTGGGGGTACC  
CGAACCTGAAGTCAGTAAATGAATTGATCTACAAGCGTGGTTATGGCAAATTAACAAGAAGCGAATTGC





>GBEQ2296 |Acc|CD528576|Ver|CD528576.1 GI:31567198|LeukoN3\_3\_B09.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B09\_A025 3', mRNA sequence.:Start:1:Stop:551  
GCCAAGGTTGAGAAACATTGCCCTCCACCTGAGCCATTCCGGCTCCCTTTTTTGTACTTTTAAAAAACACC  
TTTACTGATGTAACTGACATGAATAAACCGCATATATTTACAGTGTAATATTTGATAAGTTTGGCACA  
CATATACACATGAACATCACCACAGTGAAGATAATGAACATATCCAACACCCTGACCAGTTTCCTTTTG  
CCCTTTTGACAGAATCCCGGCTCCTTCCTTCCTCATTTCACACCTTCCAGGCAACCACTGACCTGC  
TTTCTGTCATTATAGATTAGTTTTTAATTTTCTAGAATTTTATATAAATGAAATAATATAATGTGTACTG  
TTTTTGGTCTCGCTTCTTACTTTAAGCATAATCTTTTGAGATCCACCCATTTGGTTGCATCCATCAATA  
GTTTCATTCTTTTTATTGTTTCATTAGTATTTTCATTGTATGGATATACCACAAGCTGCTTATCCATTACCC  
TGTGACAGTCTTTTGGGTTGTCTCCTGTTTGGTTATTACAAATAAAGTGCTACGAACAT  
>GBEQ2297 |Acc|CD528422|Ver|CD528422.1 GI:31567044|LeukoN3\_2\_F04.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F04\_A025 3', mRNA sequence.:Start:1:Stop:601  
ATTGCCTGTGATGGCCAGCCCAAGTTTCATCTGTACCTTGGACATTAGGGTGGTGATGGGTTAGCTTTGA  
GTCCAGGTTTCTGCCTCTTCCTTGACCGAGGGGGGAACTGGTTCGACAAAGAGGGCTGTTGTGTCTGTT  
TAATGTCATCTTCTTAATTTGGGATAATTTATATAACAAGATTGCCGAGATGAAGGTGACACTAACTAC  
TCTGTGCTGTGACCTGAGTTGGTGGCACAGGCCACAGAACCCAGAGTTTGGACCAACAATCGGGGCTTTT  
GTGAAGGGCGTCCCGGCCGAGCCCTTTGTCCAGCTGCTGTGGGTGAGGTGGCTTGTGCTGCTGCTCTTG  
AGGAGAGTGTGCAGCCTGGAAGCAGATGGACCTGGGAGCAAACCCACTGCGAGCGAGCCTTGCCAGTCA  
ATGTGAAGTCTGGGGTGAAATGGAAATGCCCTTCTAAGTGCCGTGTGCTCTGCAAGAAAGTAAATGTGT  
ATTTTCTGGTGAACCTTAGATTTTCTGTGTTTAAATAAATCTGCTAATTATGTATATAATACACTT  
CTGGAACATTTGTGTTTACCTTAAATGTGAAATAAATCT  
>GBEQ2298 |Acc|CD528418|Ver|CD528418.1 GI:31567040|LeukoN3\_2\_D09.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_D09\_A025 3', mRNA sequence.:Start:1:Stop:467  
GACATCCACATACAAAATACAGGATGATGGGCACAGATATTAGCTCAGTGACAATCTTTTTCAAGCAAA  
AAGAGGAAAATTGGCAACTGATGCTGGCACAGGGCCAGTTTTCCTCACCAAAAAAGGCCTTTACAAAA  
TGGTATGCATTCATTTTTCATGAAAAGCAGAGAGCTTTATTTATAATTAATTTGAACATATGTGTAACAGA  
AGAAGCCCACAAAGAGGCTAATCCCTTTGAAAGAACCATGAGGTTTGGGGGTTCTTGACAGGAAGAACTATCTT  
CTGTTTTAATGAATTTAAAAACAAAACCAACACTCCTGAATAGTCCCCAGGAAGATGATGCTTTTTT  
TTTTCCACATTCATTGTCAGCTGACATTTTTTGGTACTGGGTATTACTTAATTTATTGAATATTATTAT  
TTATGTTTCATTAGGACATTATGTTATAAACGGGTTTAAAGCCTGC  
>GBEQ2299 |Acc|CD528324|Ver|CD528324.1 GI:31566946|LeukoN3\_1\_A06.b2\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_A06\_A025 3', mRNA sequence.:Start:1:Stop:631  
CAAATCCTCAAAATAGCCCTCAGGTGTTCCACTGCAGACTGTCCGACAGCCCTGGCCCTGTCTCCTC  
GTGCTCCTCCTGTTCCGTATAATGTGCTTGATCTCCAGCTCCCGCAGGATCTTTTCTCCTCACCCTC  
ACAGCCTTTTGTCTTTCTTCTCAAGTAGACGTTTTTGTTCCTGACTCACGCAATCATTCTCCTTTGCC  
TGTGGCTGAGACTCTTGGCTTTGTTTAGTCATGTAGTTTTATATGTTTATTGGAGGCATTTTTTTTTT  
TATAGTCATTGCCAGACAGATGCATACAAGACTCTTCTGTCATACATATTTGAGTGAGAGAGGTCGGG  
TGGGGGGACACCATGTCCTCACTGAGGAGTAAAAGGGAGCACCTTTTAAAGGTAATCTTTGCATCTGGTG  
AGAATGTGTTATGAGCTTTGTTATTGCCAAACTCACTCCTTTTGAAGAAAGAAAAAGCCAGAA  
AGTCATCTGTTCTTCTTCCATGCAAAACCAAGAATAAAGGCAGCTCCCTGCCATTGACAGGGCTTCT  
TATAATTTGGAATGTGCCTTAAACCTGAATGTGATAGCCAAAGCTGTTTTTAAATTAAAGTCAGCCGG  
C  
>GBEQ2300 |Acc|CD528304|Ver|CD528304.1 GI:31566926|LeukoN3\_1\_F08.b2\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_F08\_A025 3', mRNA sequence.:Start:1:Stop:633  
GAGCAGAATCGCATGTTTCAGGTATTTCTAGAATTGTGCTTCCACAATAATGACTGCAAGAACCAGAA  
GTACAGGCTAAATCCCTAACAGACCCAGCCAAAGTACTTCCAGATTGGAACCATCGTTGACAATCCAGCTG  
ACTTCTACCATTTCGCAATTTCCAGGAAGCAAAGGAAGAGAACTATTGTGGAAGAGCTGCTGGCTGACTC  
TGAGTTTCAAGATATAACCGAAGGAAGTACTCAGAGATCATGGCTGAAAAGGCAGCAATGCAGCAGGA  
AAGAAGTTTCCGAAGAAGAAGAAATTTGCAATTAAGATTACCAAGCAAAACCAATATTTTACATCTC  
CCTATTATTATCTACTAAAGATGTTTTGAAAACATAACAACAACATCACATAAATTAATATAGACTGGC  
CCTATTATATACAGGATTTCTGTTTGGAAAAAGTTGATTTGAGAGAGACTCAATCACGTGTCCCTTGG  
AATAAAAAATAGGTGTCTACAAAAGACCCACCCATGCTTAGACCTCTTGAGGGAAAAAAGGAAAAAGAA

940

941

ACTGTTGGTTTCTTGTGTTCCCTCTCAGACTAAGCACTGAAAAGGAGAACTAGTCTTTCTTCATGGACTA  
CACAATAAAAAATGCAGTGGGGGAAGTGCTTTGCTAGAGTTCCCCAGCAGAGTTTCCCTTCTTTCTGCA  
CACACCATCACTGAACTCGTGAGGTTTGTAGGGTTTTTGATACAGAAGAGTTACTTTTGAAGTTCTTAA  
TGAATGAATGAAGTGTATATGATTATTGAGATTGGCGTTCTTGGCAAATATTATAGTAATCCAGAAATAA  
CTATTCTAACCGCCTCAGATCACATAGGATGCTTGTCTTCTGAAAGAATAAAGGTTCCAGCCCCGAAAAAA  
ATA

>GBEQ2311 |Acc|CD472147|Ver|CD472147.1 GI:31393415|LeukoS6\_1\_B12.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_B12\_A028 3', mRNA  
sequence.:Start:1:Stop:527

TAAAAACTTCCAACAGGTTGACTATAGTCAGTGGGGCCAGTGGAGCCAAGTTTATGGAAACCCACAACAG  
TATGGACAGTATATGGCAAATGGGTGGCAAGTGCCACCTTATGGAGTATACGGGCAACCGTGGAAATCAAC  
AAGGATTTGGAGTAGATCAATCACCTTCTGCTGCTTGGATGGGTGGATTGGTGCTCAGCCTCCCCAAGG  
ACAAGCTCCTCCCCCTGTAATACCTCCTCCTAACCAAGCTGGATATGGTATGGCAAGTTACCAACACAG  
TGAGCTGGGACTCTAAACAAAATTGTAATTCATGATAGCTTCAGTTTCTGTGACACTCTGAAGACATGA  
AAGTAGACATCGGAAAATGAAAATATTTATTTTAAAAATTGAAATGTTTGGAACCTTTAGCACAGCTTTG  
CTTTGGTGAAGGACACATGTCTTCTAGTTCTGCCTTTTTAAGTTTTTGTTCATGATGGATATGAACATGA  
TTTTTCTTTGTGTACAAAACTAAAATAAAGTCAATA

>GBEQ2312 |Acc|CD472121|Ver|CD472121.1 GI:31393389|LeukoS6\_1\_D07.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_D07\_A028 3', mRNA  
sequence.:Start:1:Stop:535

CAGGTGTCCAGCCAGATGAGTGACAGGAAAGTGCTGGTCAGCGGGTTTCTACCACTCTCAAGCTGAGTG  
AGGAGGAGCTGCTAGACAAGCTGGAAATCTTCTTTGGCAAGACCAGGAACGGGGTGGTGACGTGGACAC  
TCGGGAACCTGCTGCAAGGGGGTGTCTGCTGGGCTTCACTAGGGACGGAGTGGCCAGCGCTGTGCCAG  
ATTGGCCAGTTCACAGTGCCACTGGGTCGGCAACAGTTCCTCTGAGAGTCTCTCCCTACGTGAGTGGGG  
AGATCCAGAAGGCTGAGATCAGGTCCAGCCAGTGCCCGAGTGGTGGTGTCAACATTCTGATGT  
CCTGGATGGCCCGGAGCTGCATGATATCCTGGAGATTCACTTCAGAAGCCACCCCTCTGCCAAGGTTT  
TCAAACCTGGGCTGGGGTTGGGTGCACGTGTACGAGAGAGACTGTGCTGGTCAACAGCGGGCAGGGATAAT  
GAATTGTGAAACGCTGCCCAGGAACAGTAAAAGTGCCTGCTTGGC

>GBEQ2313 |Acc|CD471986|Ver|CD471986.1 GI:31393254|LeukoS6\_3\_E05.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_E05\_A028 3', mRNA  
sequence.:Start:1:Stop:570

GAAAGATGACAGCTGGCTCAAGGGAGAATTCACTACTCCCGTGCAGCAGCGTGGTGTCTGTCTCATCAAG  
GCCCCAAAACATCCAGTGCGATGTCTGCTGCAAAAGCCATCTGTGACCATGTCAAGAGACATCTGGTTTG  
GAACCCAGAGGGAGAGTTTGTGTCCATGGGTGTTATCTCTGATGGCAACTCCTATGGCGTTCCCGATGA  
TCTGCTCTACTCATTCCTGTTCAGTCAAGGACAAAACCTGGAAGGTTGTTGAAGGTCTCCCTATTAAT  
GATTTCTCACGTGAGAAGATGGATCTTACTGCAAAGGAAGTGGCAGAAGAAAAAGAACTGCTTTTGAAT  
TTCTTCTCTGCTGCTGAGTACCAATCATTTTCACTAAATGTCCCAAGCTGAAGAATCTAATG  
TCGTCTTTGACTCTCGTACCAATAATAATAATGCTATACTTAAATTAAGTGGGAAAAACAACATTT  
CAAAGATTGTGTGCTTCTTGGTATAAATTTGTGACAGTTTATCATCATGTTGCTAGTGTGCTATTCTAAA  
TAAATATAT

>GBEQ2314 |Acc|CD471791|Ver|CD471791.1 GI:31393059|LeukoS6\_2\_G10.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_G10\_A028 3', mRNA  
sequence.:Start:1:Stop:477

CTGGACACCTGCCCCATGCTCCTGCCAAGCAGCAGATGGGGAGCGTGTCTCCTATCCCCACCTACTCCCT  
GGTCAGGAGGAAGAGACTTTGCCAGGAGAATGCAGTGGGTGGAGCCTATCCACTCTTTCCCTCCTACCA  
CACACCCCTTCAGGTTCCAAAGTGAGACACGCCTCAACACGCCCTGCACACACACAATGCACACACACAGC  
TCTCCTTGGGAGATGGGGCTGAGCAGGAAGGGGGCTGGGCAACACAGGTTAGGGCATGGAGAGCTTCTC  
CACCATCCCCAAGCCAGGTTCCAGGATGCACATGTAGTAACACGCAGACACGTGCACACACTTGCCTAG  
AGGCTGGGGAGACAAGAGGTCTGTACGTTCTGTTAATGATGTGGATTTTGCTCAGGTT  
GTGGGAGGAGACAAGAGGTCTGTACGTTCTGTTAATGATGTGGATTTTGCTCAGGTT

>GBEQ2315 |Acc|CD471790|Ver|CD471790.1 GI:31393058|LeukoS6\_2\_H12.b1 A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_H12\_A028 3', mRNA  
sequence.:Start:1:Stop:416

CAGCAGGATGTGGCCTTCAAGCGTTTCCCTGACATTTGGCCACCCACTGGGTGGCAGACGCAGCTGTAT  
CTGTGAGAAAGCCCCCTTGAACAGACAGAGCCCTGCTTCTGTTGACCACATTGAGAGAAATGTGCTCAG  
AATTCAGAGGTACATAGAAGAATAGAAGACCCATATCAAGGATATACAACATATGTACTGGGGCTTTG  
GGGAGGGGGAGAAAAAGGGAAGATTGGCAACAGATGTTAGCTCAGGTTGAATCTTTCCAGCAAAAAA

AAAAAGGGATCAAAAAAAAAAATTGTTTTTAATGTTTAATAGCTTTATTAACATCTAATTTACATACTATT  
AATTCATCCACTTTTATGTACAGTTCAATGAGTTTTAGTAAATTTATAGAGTTGTGCAAACAAC  
>GBEQ2316 |Acc|CD471486|Ver|CD471486.1 GI:31392754|LeukoS5\_6\_F04.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_F04\_A027 3', mRNA  
sequence.:Start:1:Stop:425  
CGTGGAGACGTGGTACCCAAAGATGTCAATGCCGCCATCGCTGCCATCAAGACCAAGCGCAGTATTCACT  
TCGTGGACTGGTGGCCACGGGCTTCAAGGTTGGTATCAACTACCAGCCACCCACTGTGGTGGCCGGGG  
TGACCTGGCCAAGGTGCAGCGTGCCGTGTGCATGCTGAGCAACACAACCTGCCATCGCCGAGGCCTGGGCC  
CGCCTGGACCACAAGTTCGACCTGATGTATGCCAAGAGGGCGTTTGTGCACTGGTACGTGGAGTCCTTTT  
TTTGGAGATCATTTCCTTTTGCAGGGGGGGGGATCAAAATATTCCTGTGTTTGTGAAGTGATAGTGA  
AGGGAGGTTCCCTTGTAGGGTCCATTTTGTGTTTGTAAATCCCTACCCGGTAAAAATGACCAGTTAGT  
GTTTT  
>GBEQ2317 |Acc|CD471074|Ver|CD471074.1 GI:31392342|LeukoS5\_4\_C01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_C01\_A027 3', mRNA  
sequence.:Start:1:Stop:371  
GACACAACCAGCACAGAGCTGTCACTGGTGGAGAGTGTCTTCAAGCTGAACGAAGCCAGCCTAGCACCA  
TTGCTACCAGCATGCGGGATTCTCTTATTGACACCCTTGCCGTGAGTCACCTTCCATGCTGTTCCGTGGGT  
TTTGGATTATGGACTTTGGCTCCCTCTCCATGCGCCACCCAGTCTGTACCGGATGCTGATAGGGAGGTGG  
CAGAGAGCCTACTGGGACTGAGTTGGCTGGAGGCCTAGCCCTTTTCGCTGTTTCCCCCTTTTGAATCT  
GGTTTCTGCAGAAATCTGCCACATCATGCTGGTGGTCAAGCCCTGTGACCCCTAGCTGAAAGCTCTACTG  
TCCCATTAAGGGCAGCTGCT  
>GBEQ2318 |Acc|CD471031|Ver|CD471031.1 GI:31392299|LeukoS5\_4\_H07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_H07\_A027 3', mRNA  
sequence.:Start:1:Stop:624  
CCCGGGCGGGCGCTGCCGAGGGCAGCAAGGACAGCTTCGCACTGCTGCTGGAGTTCCGCCGAGGAGCAG  
CTTCGCGCCGACCGCTCTTCATCTGCTTCCACAAGAACCAGCGACGACAGAGCCGCCCTGCTCCGGACCT  
ACAGCCTTCTGGGCTTTGAGATTGTGAGACCGGGGCACCCCTTGTCCCAAGAGACCCGAAGCTTGCTT  
CATGGCCTACACCTTCGAGCGGGAGTCTCCGGGGACGAGCAGTAGCAGGGCCCCCGCGCCCGGAGCCTG  
CGTCCCCCGAGCCGCGCGGGCGGGTGACAGCGCGCGGGCGGAGGTGGGGCCGCTCCCCGCTGTGTCCG  
CTGTGCTGATTGTGCAAATAAACGCTCACTGCAAATCAGCGGTGTGTTTCTGCAAGTTCAACGCTGTT  
TGCGAGATTGAAGTGTGCTTTAATTCTAAATAAAAGTTTATATTTTACTTTTTTATCGCTGGTTAAGT  
TGATTCAAGTGATCCTTGTGCTTGAGGAGGAATGCCTCGTTTGGAGTCTTTGCAACCGCCTTGCCCTC  
GTGCTTCGGCCCGATCGGTGTTAATCCGCGCGTTTGTGCTCCCCAAACCGGAATAAAAGTGT  
>GBEQ2319 |Acc|CD470888|Ver|CD470888.1 GI:31392156|LeukoS5\_3\_C08.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_C08\_A027 3', mRNA  
sequence.:Start:1:Stop:572  
ATCCCCAACAGGTGATGACCCACAAAGGAAGAGGCACTGTTGCAGCCGCTGCAGCTGCTGCCACAGCCAG  
TATTGCGAGGGCCCCAACCCAGTATCCACCCGCGCGTGGGGTCTCTCCACCTATGGGCCGAGGGGCA  
CCCCCTCCAGGCATGATGGGCCACCTCCTGGTATGAGGCCCCCTATGGGTCCCCCAATGGGGATCCCCC  
CTGGGCGAGGAATCCAATGGGCATGCCCCCTCCGGGGATGCGGCCCCCTCCCCCTGGGATGCGAGGCCT  
TCTTTGACCTTTGGCCACAGAGTTATGGAAGTAGCTCCACAGAGGCGTGGGCCGATACCCAGGGCCAC  
GTTACCACAGACCTGTTTGTGTTTATGCCGTTTGTTCGCCAGTCTCACGGGATTATCTGGTTTCCCTTA  
CAGGCCCCCTCCCCCGGAATGCGCCCAAGGCCCTAGACTCATCTTGGCCCTCCTCAGCTCCCTGC  
CTGTTTCCCGTAAGGCTGTACATAGTCTTTTTATTTCTTGTGGCCTGTGAACTAGTTTATAATAAACT  
CTTAAGAGAATT  
>GBEQ2320 |Acc|CD470744|Ver|CD470744.1 GI:31392012|LeukoS5\_2\_B09.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_B09\_A027 3', mRNA  
sequence.:Start:1:Stop:609  
AGAAGCTGAGCCGCGCAGAACCCAGCCACGATGCACTCTGCATGTCACATAGGGCCCCCTGCGACTCACTGTC  
TCGGGTCAATCCCGCATCCCGTAGCGTTTGTGCTTGTGCGAGACCGCTGCCAGGGGACGGATGGGCTGA  
GCACTGCGGCTGCTGCTCACCAACCCTTTGGAGGGACCCGCCCTTCCCTTGGGTGCGTGTGGGCGCTG  
GTGGTAACACTCTGGCCCGAGCAGAGCCCTATGGTCCCGTGTGTGCTCCAGGGCATCTGGGGTCTCAC  
CAGCGGGAGCACGTGCAGGCCGTCATCCTAGAGCCCCAGCCCCCTCGGAGCCCCCTCCACATGTGCTTT  
CACTCCCTCAGCCTGCAGGGGTGAGTTTGGCATCAAAACGACGACCTCTACTTTTTCTTTTGTATTTT  
GATAAACACTGAAGAAGCTGGAGCTGTTAACTTTATCTTGGGGGAACCTCAGAAGTGGTTGATTGGTG  
TCGTGGAACCTCTTACTGCTTTCAATACAGATTAGTAATCAACTGTTTTGTATACTTGTTTTCAAGTTT  
CATTTGACAAGCACTGTAATTATAGCTATTAGAATAAAATCTCTTAAC



>GBEQ2321 |Acc|CD470616|Ver|CD470616.1 GI:31391884|LeukoS4\_6\_B04.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_B04\_A026 3', mRNA sequence.:Start:1:Stop:475  
CTTTAAGGACATGAACGCCCGCCGACATCATCAGCGCCGCATGACGACAGCGCTCATCTTGTACTCG  
ATGGCCTTCATGCGTTTCGCCTACCGCGTACAGCCCCGAAACTTGTCTGCTGATGGCGTGCCACGGCACCA  
ACGTGTGGCGCAGAGTGTGCAGGCGGGCCGCTCCCTAAGTCACCACTACGGCGACGGTGCGETTGCCGC  
CGCCACCACCGCCGCATCACCATGACTGTCGCCTACGACCCTGCTGATGACAGCTGCCGCTAGAAGTTC  
GCGCTAGCCTCAGTCCGTAGTCCCCGAAACGTTGCTGAGAGGGCCGATTGAAGCTTTGCGGCTTGGAAG  
CGCTGAAGTGTATTCTTCTTAAAGAAAGACCAAGTGAACAGCTTGGTGTGACACTGAAACAGTGCAGAA  
TCTGATTTAAACCTGCAGTTTGGTTAATAAAAAATAGTAAATAGCGCATAAAAA  
>GBEQ2322 |Acc|CD470614|Ver|CD470614.1 GI:31391882|LeukoS4\_6\_C11.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_C11\_A026 3', mRNA sequence.:Start:1:Stop:543  
TTCATGAGCAATATGCCCTCCTTGTATTATAAAATCTTTCTGATAACGCATTAGAACTTCTTTTGTAGAT  
TAGTAAAAAGTGCAATTCCTGTTTTTCACTTTTACTTTATTCAAAGCTAATAAGTGCTTTCCTTAGTTTTCTA  
GTAAGTGGTGTAAAAATCATGTGTGTCAGCTTTCGGGTTTTTAAGATATTTTAGATATTCTTAACTAT  
GAACCTTCTTAACATCGCTGTCTTGCCAGATCCCCCCCCACTGCACCTTCACTAACGCTGGCCCTCTTCGC  
CTCGCCCCGTGGACACTTGTCTCCCGGTGTTGCCCTGCCTAACGATGTCCATTGGGTCTGTGAGGTTCT  
GTAAACCCCATGCTCTGTCTAATGAATCTGTACAACCTACCCACTGGCAAGAATACGAGGCCGACCTT  
TCAACCACTAGAACAAAATTTTTTAAATTGACCGTTGCAGAATTGTGGAGTGTTTTTACATTGATCTTTT  
GCTAATGCAATTAGCAGTATGTTTTGCATGTAAGACTTAATAAATCCTGGAAT  
>GBEQ2323 |Acc|CD470603|Ver|CD470603.1 GI:31391871|LeukoS4\_6\_B09.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_B09\_A026 3', mRNA sequence.:Start:1:Stop:483  
GGAGGAAAGAATAGTCTTTTCAACAGGTGATGCTGGGAAAAGTAGATAGCCACATGCAAAATAATGAAGC  
TAGACACTTACCTTACACCATATACAAACATTATTATAAAATGGATCAAAGATGTAAACATAAGAGCTAA  
ACCTATAAAAGTCTTTAGATAAAACATAGGGGAAAATCTTCGTGACATTGGATTGGCAGTAACTTCTCT  
GACATGAGACCAAAGGCATGGGCAACAAAAGAAAAGTAGGCTAATGAGAGTTCATCAAAATTCAGGCT  
TCTGGGCTGGCCCCATTGCTAGTGGTTAGGTTCCGGTTTTGGTTCTCTGAGCGCAGACCTTTACCACTTGT  
CAGGGGCCATGCTGTGGCGGCAACACACAAACAAAGTAGAGGAAGGTTGGCAACAGATGTTAGCCTGGGG  
CTAATCTTCTCAAGCAAAAATAAAAAGAGAAAGATTGGTGACAGATGTTAGCTCAGGACGAA  
>GBEQ2324 |Acc|CD470602|Ver|CD470602.1 GI:31391870|LeukoS4\_6\_G06.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_G06\_A026 3', mRNA sequence.:Start:1:Stop:624  
CCCATGCTTCAGAGGACTGCGTTTTTAGACAAAAAGAGATAATGTTCTCAAATTCACGTTTTTTTCTGTG  
TTTTGTTCTCCCCGCCACTTTGCTGGCTTAATTTTTCCACGAATCTACACTTCTTTAGGGGGTATAT  
GTGTTGACTACGTTGTTTATGCCACCAGCACCTGCAGTCAAATCACTAGAATGCTTTCCTCTGATTT  
GTAAGTCAATCCACATCGAAGAGATGTTAAAAATGTATCTGTGAATATCTTCTCTTGTGCTCTGGTTCAC  
GCTTGCCAAAGTATTTGCTATCTACATAATAGGGACTTCTCTCTCTCAGCTCTTCTAGGGCTACTAAAT  
CAAAATTTACCCCTGTGGATATGGGTACAGAATTTGAGAGGCCAAATTTAACCAAAATCTAAGGACAAA  
TTGTGAGTATCTAAAAGCGTCTTTTTATTTCTGCTTCATTTTACCTTCATGCTCTGAAATTCCTTTCCCG  
TAGAGAGATGTAGAGAAATATGAAAGGTCTACCTATTTATTTCTGGAACAAAATTTAGGATTAACTAT  
AATGTGAGAGAGAAATGGGAACCTACTGCTACCTTTAGACAAAATAAATAGTCATTGTTTTCGAC  
>GBEQ2325 |Acc|CD470382|Ver|CD470382.1 GI:31391650|LeukoS4\_4\_E08.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E08\_A026 3', mRNA sequence.:Start:1:Stop:623  
TTGGCAAGTTCCAGCTGCACCATGTAGAGCTTCTAGATGTTCACTACCTTGATAGCTGTGCTGAGTCCACTG  
AACTGGGAAGAGGAATATAGGGGCAGAGCCCTTATCTGTTCTTCTTTTCTGGGAGAGCAGTGGCCTA  
AGCCAAGGGGTGATGAGCCTCTCTCTGCTCCTGCAGAAAGGGGCAGTCAAGGGCCCTATTAGCAGG  
CTTCTATTTCTTACCATAAATGATTGCCTTTTTCATCTAAAAATTTGGAACCTCTCATATATTCTATCT  
ACAGAGGCCAAATCTGAATCTGAGATTCTAAGATATCTTAAACGACAAGAGAGAAATCTAGTTCTGTC  
CCATCTCCGATCGGCAGGCCCTCTGTCCCTTCTCTCTCTCGTCAGATAGCTCCAGCAAGCAAGGCTCC  
TTGGCTAGTTCTAATGCACTGACAGGAGCCACCCCATTAAGGACGACTTCTACTCAAACGTAAGCCCTC  
TGGACTTCAGATGCCTCATTTGGCAGGAAGAGGCATTGATTGGATTGGATATATTTATGTGACTGCGGGC  
ATTCGTGGCTGTAGAGTCTTGAACATAATGTTGTATGTAAATGGGAACATCTTATAAACTTG  
>GBEQ2326 |Acc|CD470381|Ver|CD470381.1 GI:31391649|LeukoS4\_4\_E11.b1\_A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_E11\_A026 3', mRNA

sequence.:Start:1:Stop:581

GAATTCCGTATGTCCTGAGTTATTTTTATCATAAAGCCACAAATGTATTATAACAAGGCCAAATTGTAAT  
ATATATAATCCTGAACTCATGACCATGTCTCAGTTTATTTTTTTTCTTGGATTGAAAAGTACTGAAATT  
CAATGTGATATTTAAATGAAAAATTTCCATTTATTTGAGTAGAAAAATCACTTACCAGTGAGTCATATAC  
TATTTTAAACACTTCTTTGGATATTGTGATTCTTAAC TAGTTGTAAATTAGAAAAGCTGGGAGTACAT  
ATGGTGTGCAGTTACAGTCTAAATTTTTCCATCTGCCTGTGCATCGTAAGCATGTTTGTAAATATTTTAAA  
AAAGACATTTACTGATGCTACAGGAATTTCAAGCCTGTGGTGACGTTAGTATTTACTGTAGGGAGTGGG  
GTAAATTTATGGTTTCATTCAATCGAGTATTGCTTATTATACTCCAGTGGAATCCTTTCTCTACAGACTC  
CTGCAGATGCTGGGCTGGAAATGTTTTTTTAAAAACACCCTTTTATTATGTACAATAAAATATTTCAT  
TTAGCTTGAATTGTATAGATT

>GBEQ2327 |Acc|CD470352|Ver|CD470352.1 GI:31391620|LeukoS4\_4\_H12.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_H12\_A026 3', mRNA  
sequence.:Start:1:Stop:589

CTTAAAGTAATCTATAGATTCAATGCAATCTCTATCAAAGTTCACAAACACTTTTTCACAGAAATAGAAC  
AAAGTTCCTAGAAATTTATATGGAACAACAGAAGACCCTGAATAGCCAAAGGATTCTTGAGAAAGAAGAAC  
AAAGCTGGAGATATCACACTCCCTGACTTCAAATATATACTACAGAGCCAGAGTAATCAAAACAGCATGAT  
ACTGGCAGAAAAACAGACACACAGATCAATGGAAGAGAAGGGAAGCCCGGAAATAAACCCACACATTTA  
TGGACAGCTAATATTCGACAAGGGAGCCAAAAGCATAACAATGGAGAAAGGAGAGTCTCTTCAGTAAATAG  
TGGTGGGAAAACCGGACAGCCACATGCAAAAGAATGAAAGTAGCTCATTTTCTTACAGCATGCACAAAAT  
CAACTCAAAATGGATTAAAGACTTGAATGTAGGACCCGAAATTTGTGAAACTTCTAGAAGAAAACATAGGC  
AGTACGCTCTTTGACATCAGTCTTAGCCTCATATTTTCAAATATCGTGTCTGACCAGGCAAGGGAAACAA  
AAGAAAAAATGAACAAATGGTACTACATC

>GBEQ2328 |Acc|CD470216|Ver|CD470216.1 GI:31391484|LeukoS4\_3\_H12.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_H12\_A026 3', mRNA  
sequence.:Start:1:Stop:588

AAATAGAGCAAAGAACTTAAATTCATATGGGGCAACCAAGACCCGAATTGCTAAGGCCATCCTGAG  
AAAAAAGAACAAAGCTGGAGGTATCACATCCCTGACTTCAAATTTGTACTACAAAACCATAGTGATCAAA  
ACAGCATGATACTGGTACAAAAACAGGCACACAGATAATGGAACAAAACCTGAAAGCCAGAAATAAAATC  
ACACAAATACGGACAGCTAATCTTCGACAAAGGTGCCAAGAACATACAATGGAGAAAAGATAGTCTCTTC  
AGTAAATGGTGTGTGTAAGAACTGGACAGCCACATCCAAAAAATGAAGGTAGACCACTATCTCACGCCGT  
ACGCAAAAATGAACTCAAAATGGATCAAAGACTTGAAGATACGTCCTGAAACTGTAAACTACTGGGAGA  
TAATATTGGTAGTACACTCTTTGACATTGAACTAAAAAGGATCTTTTCAAATACCACATCCTCTCAGACA  
AGGGAAACAAAAAATAAACAAAGTGGGAATTCATCAGACTAAAGAGCTTCTGTAAGGCCAAAAGGAAC TAGA  
ATCAAAACAAAGAGACAAGTCCCCAAAA

>GBEQ2329 |Acc|CD470200|Ver|CD470200.1 GI:31391468|LeukoS4\_3\_F04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_F04\_A026 3', mRNA  
sequence.:Start:1:Stop:438

TTGAAGGATGTCACTTTAAAGAAGCAGTGCGTGCGGTTCCGTCGATACAATGGCGGCGTTGGTAGGTGTG  
CCCAGGCCAAACAGTGGGGTTGGACACAGGTCGCTGGCCCAAAAGAGTGTGAAATTTTACTGCACAG  
GCTTAAGAATGCAGAGAGTAATGCTGAACTTAAGGGTTTGGATGTAGATTCTGGGGTCATTGAGCATATC  
CAGGTGAACAAAGCTCCCAAGATGCGGCGCAGGACATACAGAGCCCATGGTCGGATCAACCCCTACATGA  
GCTCTCCCCGCCACATCGAGATGATCCTTACTGAAAAAGAGCAAATCGTTTCTAAACCAGAAGAGGAGGT  
TGCACAGAAGAAAAAGATATCCCAGAAGAACTGAAGAAACAAAACCTTATGGCCCGGAATAAATTACG  
CATAAATAAATGCAAAAT

>GBEQ2330 |Acc|CD470192|Ver|CD470192.1 GI:31391460|LeukoS4\_3\_G02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_G02\_A026 3', mRNA  
sequence.:Start:1:Stop:507

AAAGAAGAACGAGTATGGATTACCAGGGCACCGCATGGAGCCAACAATGAAAACCAATACATATGAGA  
GGGGAACATATTACTTCTTTGACTGTCTTAACTGGAGGAAAGTAGCTAAGGAGTTCCATCTGGAATACGA  
CAAACCTGGAAGAGCGGCTCACCTGCCATCCGCTTCAACTACAACTGCTCAGCAGGCTTTCTGAGCG  
GCCCTCGGGCGCAGCCACCCCGGCACCATGCTCCGCGGACTGCAGGGTAGAGGGGCTCGGGCGCCCCGGC  
TTTAGCTCCTTGAGGATCTGGCAATTGGCTTACACAAAGGGTCACCATTTGAGGTCTGCCTTACTGATT  
ATGTGCTGCCCAACAATAAATTTGTCAATTTGTTTTCTTAAAAAGTTTCGAGCAGGGTCTGGATTTTTT  
CATTTATTTTCTTTTTTTTGGCAGCAGACAGACTGGGTCTGTAAAGACAAGCAAGTACACTGACAGAAG  
TTTACCATTAGTTTCT

>GBEQ2331 |Acc|CD470074|Ver|CD470074.1 GI:31391342|LeukoS4\_1\_D01.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_D01\_A026 3', mRNA



sequence.:Start:1:Stop:476

TGCCAAAGGGCCCTTGCCAGGCCAGGAAACATGACCCTCTTGATGTAAGATCTCAGGGGCACCCAGGAT  
AGGGAGGTAATGAGGCCCCGAATCCTGGACCAGTCTGTCCCGCCACAAGCTGTTGAAGGATATGTCCTTCAC  
TTCCTTTCCAAAGTAGGAGTGAAAGTCCAGCACTTTCTGTATTTGAGAGTTAGACTGCTACCCTATTTTGC  
TGCAGCTTTTACATTCACTGACTCTGGGAACAAGCTTGGCCCCGACACCTCTGTGTGTGATGAGGGCTTG  
GGAGTGGGGCTGAGCTGGCCAGAGTTCCTGGGCACGGAGCCTAGTCATAAGCTTGGGGGATGGGAGGGAA  
CAAGGGCAATCTCCTCGAGTTGTGTGTGTACCCGACCTCCACAGAGCTTTGCATAGCTTACTGTCTGCC  
TTGCCGCTTTGCTGGGGCCTAGGGCTGTGCCATTAAAGTCAGGTTGTCTCCCTC

>GBEQ2332 |Acc|CD470071|Ver|CD470071.1 GI:31391339|LeukoS4\_1\_G07.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G07\_A026 3', mRNA  
sequence.:Start:1:Stop:479

GATTATAGCTATGAAAAGTCCCCTTTTTTTCAGAGCAAACATCCTGAAGTACCCCAACAGGAAGCAACAGC  
TCCATTTTATTTCCAGTTACTTGGCTGCATTCCATAACGAATTTGAAAACCTCAGTAATGAAGAAAAGTC  
CATTATAGAAGAAGAAATGTTGGTGAAGTCAACAGGTTGCGCCTGGCGTCCCATTTTTTCTGGGGACTT  
TGGTCCGTCGTGCAGGCCAGGATTTCTGTCATTGAATTTGGGTACATGGACTACGCCAGGCGCGGTTG  
ATGCTTATTTGACAGAGAAGAGGAGCTGGGGGTGTGACTGCGGGAGGACGTCGTGCGCTGCATCCCTGG  
ACGGCGCGGGGGCGGCCAGCCAGCGGCCCTGTGCTCCGACGACTGCACCCGCGGGGAGAAGGCCCTCC  
TGCCGCACGCAGATGATACGAAAGACTGTATTAATGGAGTAGCATTCTTTC

>GBEQ2333 |Acc|CD470031|Ver|CD470031.1 GI:31391299|LeukoS4\_1\_E05.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_E05\_A026 3', mRNA  
sequence.:Start:1:Stop:648

CCCAATTGGAAATGCAGCTTGAGAAACCTAAACCTGTAAAACAGTGACGTTTTCTACAGGTATCAAAAT  
GGGACAACATATTTTATTAGACCTATTCAAAAGCTTGAAGAAGCTCTCTATGAATACCAACCACTGCAA  
ATAGAGACATGTGGACCACAAGTTCCCTGAGCTTGAGATGCTAGGACGACTTGGGTACTTAAGCCATGTCA  
GAGCCGCTCTCCACAGGACCTTGTGAGGGCTATACTTCTTCTCTGGCTGTGACCGAGCACTACAGGA  
TGCAATTCAGTGGGCTTTTCTGGCAGCCAGTTAACCTTTATTTCTCTGTGTAAGATTTGGACCTTGGAG  
ACGAACCAAGGAGCTAGCAAAGTAAAGCAGACTTGTAAATGATAGCCAGATGCAGCTGCACAACAACAG  
TACTATGACTAGAAGCTGTGTAAAGTATTTATAAAGAGAAAATTTCAGAACTAAGCTGAGTAATATAGT  
GGATAAATTTGCGAAAAGATTTATTTTTTACTTATATTTTTCTGAGAGGGATTGAAGCTGTAAGCCTC  
ATCTGTTAGAAGATATGAATAATTCACCTATGTATGTTTGAAGTTGACAGACTTGTAATCTTTTTTAAA  
AATAAAGCTAGACTTTAT

>GBEQ2334 |Acc|CD470013|Ver|CD470013.1 GI:31391281|LeukoS4\_1\_G08.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G08\_A026 3', mRNA  
sequence.:Start:1:Stop:551

GGAGGGCAAGCCTTTGTGAGCCCCCTCCAGCCCCCTGCCTGGAGCATCTGGCAGCCCCAGACCTGCCCCAC  
AGGGGTTGCAGGCTGCCCCCTTCTTGCCAGACCGGAGGGGCTTGGGGGATCCCAGCAGGGGGAGGGCAAT  
CCCTTCACCCAGTTGCCAAACAGCCCCCGCCCCCTGGACCTTCTCTCTCTCCATTCCTGACGGTTCT  
TGGCCTTCCCAAGCTGCTTTTGATCTTCTGATTCTTCTTGGGTGAAGCAGACCAAGTTCCCCCGGGCA  
CCCCAGTTTGGGGGGGGCCTGTATTTTTTTTTTAAACGACACCCAGTTTCCACCTGTTCTTCCCATTC  
CATGCTGCCAACTTCTAACCGCAATAGTACTCTGTGCTTGTCTGTTTAGTTCTGTGTATAAATGGAATG  
TTGTGGAGATGACCCCTCCCTGCGCCGCTGTTTCCCTCCCTTTTCCCTGGTCTGTGGCCGCTCATGG  
AAGCAGGACCAAGGACCTTCAATTAATAAAGAGAAAACACACCCACCCATAAAAAA

>GBEQ2335 |Acc|CD469929|Ver|CD469929.1 GI:31391197|LeukoS4\_2\_H06.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H06\_A026 3', mRNA  
sequence.:Start:1:Stop:350

AGGACCCCTTCGACCAAGGATGACTGGGAAGCGTGGCAGAAGTTACCCGCCAGCGCAGGAATCCAGGTGGT  
GGGAGATGATTTTCACTGTGACCAACCAAGCGGATTGCCAAGGCCGTGGGCGAGAAGTTGTGCAACTGC  
CTCCTGCTCAAAGTGAACAGATCGGCTTTGTGACCGAGTCCCTCCAGGGGTGCAAGCTGGCCCACTCCA  
ATGGGTGGGGGGTGATGTTGTTTACCTCGCTTCCACCAAGTGTGAGCCGCTGTGTTGTATTTACAT  
TGTCAATTTTGAAGTGTCCACAGCAAGTCCCAGAGGTTTGTGTGCAAAAATAAAGGCTTCAGTG

>GBEQ2336 |Acc|CD469901|Ver|CD469901.1 GI:31391169|LeukoS4\_2\_A09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_A09\_A026 3', mRNA  
sequence.:Start:1:Stop:513

GCAATGTTAGAAGCAGACAAAGATGGGAAATTTACCTGGTAGATGGCAATGTCTCTGGGGAATTCACCTG  
ATCTGGTCCCTGAGAAACACATCGTGATGAAGTGGAGGTTTAAATCTTGGCCAGGAGGACATTTTGCCAC  
CATCACCTTGACCTTCGTTGACAAGAATGGAGAGACTGAGCTGTGCATGGAGGGCCGAGGCATCCCTGCC  
CCTGAGGAGGAGAGGACGCGGCAGGGCTGGCAGCGGTACTACTTTGAGGGCATCAAACAGACCTTTGGCT

ATGGCGCTCGCTTATTTTAGGGCCAGCGGCGGGGGCTACAACGGCCTGCCAACCTTCAGTCCAGCCTCT  
CCTGACCAGGGCTTGTGACTCAACAGGATTGCACCATCCCAACCACTAAGTTGGGGCCGGGGCCCTTCC  
CTCCGTGTATACCTTGGGTTTGTGCATGTTTCTGCTGGGTGGGATCAGAGGGCGATTCTTTTATGTGT  
ACATAAGCTAAATAAACGTAATT  
>GBEQ2337 |Acc|CD469893|Ver|CD469893.1 GI:31391161|LeukoS4\_2\_B07.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B07\_A026 3', mRNA  
sequence.:Start:1:Stop:558  
TTTGGCAAGACCAGGAACGGGGGTGGTGACGTGGAGACTCGGGAACCTGCTGCAAGGGGGTGTCTGTCTGG  
GCTTCACTAGGGATGGAGTGGCCAGCGCCTGTGCCAGATTGGCCAGTTCACAGTCCCACTGGGTCCGCA  
ACAGTTCCCTCTGAGAGTCTCTCCCTACGTGAGTGGGGAGATCCAGAAGGCTGAGGTCCAGCCAGTGCC  
CCAGTCGGTGCTGGTGCTCAACATTCCTGATGCCCTGGATGGCCCGGAGCTGCATGATATCTGGAGATT  
CACTTCCAGAAGCCACCCGCGGGGGTGGAGAGGTAGAGGCCCTGACAGTTGTGCCCCAGGGACAGCGGG  
GCCTGGCGGTCTTCACTGCTGAGTGGGGCTAGGGGCCTACCCTTCTCAACACCCCCACCCCTCTGCCAAG  
GTTCTCAAATGGGCTGGGTTGGGTGCACGTGTACGAGAGAGACTGTGCTGGTCAACAGCGGGCAGGGA  
TAATGAATTGTGAAACGCTGCCAGGAACAGTAAAGTGCCTGCTTGGCATGATCTTCTTCTCTCAAAA  
>GBEQ2338 |Acc|CD469787|Ver|CD469787.1 GI:31391055|LeukoS2\_5\_H03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_H03\_A024 3', mRNA  
sequence.:Start:1:Stop:627  
CCTGCAGGATGGGATTCAGAACATGAAGGAAGAAATGGCGCGTCACCTTCGGGAATACCAAGACCTGCTC  
AATGTTAAGATGGCTCTTGACATTGAGATTGCCACCTATAGGAAGCTGCTGGAAGGCGAGGAGAGCAGGA  
TTTCTCTGCCTCTTCCAACTTTTCTTCCCTGAACCTGAGGGAACCAATCTGGAATCACTCCCTCTGGT  
TGACACTCACTCGAAAAGGACCCCTTCTGATTAGACGGTTGAACTAGAGATGGACAGGTTATCAACGAA  
ACTTCTCAGCATCATGATGATCTTGAGTGAATAATGCACACACTTGGTGCAGCAATATATTACCAGCAAG  
AGTAAAAAGAAATCCATATCTTTAAGAAACAGCTTTCAAGTGCCTTTCTGCAGTTTTTTCAGGAGCGCAA  
GTATAGATTTGGAATTAGGAATAAGCTCTAGTCCCTAAGAACCAACACTCCTAAAAGATTTAGAAAAAGT  
TTACAACATAATCTAGTTTACGAAGAAGCCCTTGTGCTAGAATACTTTTTAAAAAGTATTTTTGAATACCA  
TTAAAACTGCTTTTTTTTCCAAAAAGGATCTGACCAACTTGTCTTCTGCTTCAATAAATCTTGGAAAAAC  
>GBEQ2339 |Acc|CD469591|Ver|CD469591.1 GI:31390859|LeukoS2\_7\_H02.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H02\_A024 3', mRNA  
sequence.:Start:1:Stop:445  
AGAAATCCCAAAGAATAGTAAATTATCCAAGATGCCAGCTTCCAGGCTGGTGTCTGGATTTTGTGCTCC  
CTTCCCCCACTCATGTTGCCCTGTCTTTCTCAGGATGGTTCACATGAGTGTCTGCTTCAGTGGCCCAATAC  
AGATGTAAATTCCTAATAGCATTAATGTGAGGAGGTAGGGAGACTGGTCTCTCCACAATCCCCCTCCCCT  
CACTGACCTGTGTTCTCTTTCTGATTGACTTGCCTGTCTCCAGCAGAGGCGGGGCTGGTTCCCTCCCTGT  
CATAACTTCGTGTTGCCCTGAGCTGCAACTTCTTACTTCTTATTGAAAATAAGAATCTGGATACCAATT  
TGTTTTTTCAAATCTTGGCATGAGGGATCAATGGGTTAATTAAAGGAGAAGATTCTTAAATTTAGAGAGA  
GGAATAAATGGAAGCACTGAGAAC  
>GBEQ2340 |Acc|CD469492|Ver|CD469492.1 GI:31390760|LeukoS2\_4\_D12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_D12\_A024 3', mRNA  
sequence.:Start:1:Stop:562  
AGAGAAGACCAGGAAGGAGCAGGTCCCAGGGGCCAGACTTGGCCCTCGGTGAGGTCTGGGGTGTGGGAG  
GAGACTCCAGTCCAGTGACATCCCCGCACCTGGGACCACAGAACCCCATCACCACAAGTAAGAGGAGCCCT  
CTCTGCCCTTGGCCTGCAGATTGTCAGTGTGCTTTGTGTTCTCTGTCGCTCTTGTCTGGAACAAAAAGGA  
GGGAAACACATTGTCCCCAGAGGCGAAGGCCACCCCATCGGGTCTGGACAGGCTCCTGAATGTGTGCCA  
TCTGCCACTCGCAGCCTTCCCTGCCCTGACCTGACATGCTTCCCTCCTGGAGTCCATCTCCCTGACATTTCTT  
GTAATTTCTTTTGAAGATCCCAAATAAAATCCAGCATTTTCTCTAGTTCTTTTAAATATGATATTTTAA  
TATTTTGTGTGATTGATATTTTCAATCTTAATGTGAAAACTGGAATTATTTTACTTATTATAGAAAA  
CATTTGAAATTTGCACATTTAGTTGTTCTTAATAAACTGCTATGTACTCTGTTTCTTGGTTTCTCCAACA  
TT  
>GBEQ2341 |Acc|CD469472|Ver|CD469472.1 GI:31390740|LeukoS2\_4\_B12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:516  
CTCAGAAGCCCTGGAGGCTGCTCGTATTTGTGCCAACAAGTACATGGTGAAAAGCTGTGGCAAAGATGGC  
TTTACATCCGAGTGGCGCTCCATCCCTTCCATGTGTCATCCGCATCAACAAGATGTTGTCTGTGCTGGGG  
CTGACAGGCTCCAAACCGGTATATGCGGGGTGCCTTTGGAAAGCCCAAGGCACAGTGGCTAGGGTCCACAT  
TGGCCAAGTCATCATGTCTATCCGCACCAAGCTGCAGAGCAAGGAGCACTNTGATTGAAGCCCTACGCAG  
GGCCAAGTTCAAGTTCCCTGGCCGCCAGAAGATTACATCTCGAAGAAGTGGGGCTTACTAAGTTTAAT

948

TTGTTTTGTGAAGAAAAATGTTTTATTGAGGAAAAATTCACATAACATAAAATCTACCATTTTGACCTT  
TTTAAAGTATACATTCAGGGGTATTTAGTATGTTTCATAATGTTGTGCAACCATCACTGCTATCTAGTTC  
CAGAGCATTTCTCTACCCAGAAAAGAACCCCATCCCTATTAGCAGTTTCTCCCCAGCCCCTGGCACC  
CACTAGTCTACTTTCTGTCTGTGTGGATTACCTGTTCTAGAAGATGCATATAA  
>GBEQ2347 |Acc|CD469189|Ver|CD469189.1 GI:31390457|LeukoS2\_2\_G02.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G02\_A024 3', mRNA  
sequence.:Start:1:Stop:377  
AGGAGAGGGATCGGTAGGTTGTATGGTCAGTCTACATTTAGCTTTACAAGAACTGCTGAATATCTTCCA  
TAGTGGCTGTGCTATTTTGTATTCTTGCCACGATGAATGAGGGTCTTGTGCTCCACGTCTGGGCAG  
TATTTGGCATCACCAGCTTATGGATTAGGCCATTCTAATAGGTGATTACTGGGATATCACTGTTATTTT  
CTTTTGCAATTCCCTAATGACATATGAAGTTGAGCATCTTTTCATATGCTTATTAACCAACCATAAATCT  
TCTTTTTCAGGTGTCTGTTTCAGGATTCGCTCATTTTTAATTGAATATTTGTCTTCTTATTACTGAGTTT  
TAAGAGTTCTAAATATATTTTAAAAATA  
>GBEQ2348 |Acc|CD469040|Ver|CD469040.1 GI:31390308|LeukoS2\_1\_F05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F05\_A024 3', mRNA  
sequence.:Start:1:Stop:699  
AAGTCATTGGAGGCAATGTGGTCACAGCTGCACAGGCGAAGAACCTCATTGATGCTGGTGTAGATGCCCT  
TCGAGTGGGCATGGGCAGTGGTTCCATCTGCATCACCCAGGAAGTGCTGGCCTGTGGGCGGCCTCAAGCA  
ACAGCAGTATACAAGGTGTCAGAATACGCGAGGCGCTTTGGTGTTCCTGTCTCGCTGACGGAGGAATCC  
AAAATGTGGGCCATATCGCCAAAGCCTCAGCCCTTGGAGCCTCCACAGTCATGATGGGCTCCCTCCTCGC  
TGCTACCACTGAGGCCCCCTGGCGAGTACTTCTTCTCTGATGGGATCCGGCTAAAGAAATATCGTGGTATG  
GGTCCCTTGACGCCATGGACAAGCATCTCAGCAGCCAGAACCAGATATTTCACTGAAGCTGACAAAATCA  
AAGTGGCCCAGGGGGTGTCTGGGGCTGTGCAGGACAAAGGCTCCATCCACAAATTTGTCCCTACCTGAT  
CGCTGGCATCCAGCACTCCTGCCAAGACATTGGTGCCAGAGTTTGACCCAAGTCCGAGCCATGATGTAT  
TCTGGGGCTCTCAAGTTTGAGAAGAGAACATCCTCAGCTCAGGTGGAAGGTGGCGTCCACAGCCTCCATT  
CATATGAGAAACCGGCTTTTCTGAAAATGGATAACAGCACACCCCTCGGTTTTCAATAAAAGTTGAAAA  
>GBEQ2349 |Acc|CD468990|Ver|CD468990.1 GI:31390258|LeukoS2\_1\_H12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H12\_A024 3', mRNA  
sequence.:Start:1:Stop:537  
GAGGGGCAGCAGGGCCTGGCAGGATGGGCCACCGCTGACTCTGCTCCCCCAGCCCCCTGAGGAAGATGTG  
GGCAAGAGGACTACGCTCCCCACCTTTCCCCCTTGGCCGCTTTTCCCCCTTTTCTCTCTCTGTTNTTG  
GCTCCCCCATCNCCTCCCTCCTCCAGAGACTTGGGGGAGGGGCTGCCACAGCCATACCTGTTTGAAG  
CCTGCCCTTGTCCAGGTGCCAGGAATGGCTGGGGTACCCCTCCTGGGCATCTGTTCTGGTTTTAACTGT  
TGCTTGTCTCTCATGGGGGAGGGGAGCATGCTGAGTCTCCCAAGGCCCTGCGTCTGGAGGGGCACCC  
ACTTCTCCAGCCTGGGACCCCTGGCTTCACCCAACACCAGCCCTGACCCAGCCGAGTCCAAATGTTTA  
CAGGGAGCCTCCTGCCACCCACCTCCCCAGCCGCTTGGAGGCCCAAGGAAAAAGCACAGAAGAGCGT  
GAGACGCCACCATTCCTGGAGACCACAGTCCATTCTAGTAGCTTTTT  
>GBEQ2350 |Acc|CD468907|Ver|CD468907.1 GI:31390175|LeukoS3\_8\_H02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H02\_A025 3', mRNA  
sequence.:Start:1:Stop:645  
GCTGTGTGCTGTGCCCTTTTCTGTGCTGCTCACTGGGGTTCTGTGTCAACATTTCCATGGACTGT  
GGAGAACCTCATGGTGCAGGAGCTGGAGCACTTCAACCTCCCTTAAAGTTGTGCTTTCATAAGCGGGAC  
TTTATTCTGGCAAATGGATTATTGACAATATCATTGACTCGATTGAAAAGAGCCACAAAACCATCTTTG  
TGCTTTCTGAAAACCTTTGTGAAGAGTGAGTGGTGTAACTACGAAGTGGACTTCTCCCATTTTCTGCTCTT  
TGATGAGAACAATGATGCTGCCATTCTCATTCTTCTGGAGCCCATTGACAAAAAGGCCATTCCCCAGCGT  
TTCTGTAAGCTGCGGAAGATAATGAACACCAAGACCTACCTGGAGTGGCCCACTGATGAAGCTCAGCAGG  
AGGGGTTTTGGTTAAATTTGAGAGCCGCCATAAAGTCCTAGGTTCTTCTAATAAAGGCCAGTCTTGGTTT  
GCTGGTGGTCTTTATATCAGTAGTTGTAAGTGGTCCATTTTGACACACTTATATGTAACCCACATGAAT  
GTACTGTCAATTTGAGGCCCTTGCTTACTAAAACGACTAAAACCTCAGATTTTATGTAGAGTGCTGTTTTATA  
AAAACGTCTACCAGA  
>GBEQ2351 |Acc|CD468887|Ver|CD468887.1 GI:31390155|LeukoS3\_8\_G05.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G05\_A025 3', mRNA  
sequence.:Start:1:Stop:757  
AGAAGAATGTGGATTCATTCTAGAGATTATGCAATTATAAGAAATCTCGAGGAAACACAGACAATAA  
GGAGTATGCTGTTAATGAAGTTGTGGCAGGGATAAAGGAATACTTCAATGTAATGTTGGGCACTCAGCTA  
CTCTACAAATTTGAGAGACCAGATATGCCGAAATCCTTGCGATACCCCTGATGCTCCCATGTCTCAGG  
TGTATGGAGCGCCACATCTACTGAGATTATTTGTACGAATTGGAGCAATGTTGGCCTATACACCTCTGGA

TGAGAAGAGCCTTGCTTTATTACTGAATTATCTTCATGATTTCTCAAATACCTGGCAAAGAATTCTGCA  
 ACTTTGTTTATTGCCCTAGTTGACAAAGCTGCTTTTGAATGCTGGTGGTTCTATTCTTTTGACACTACGCA  
 CTTTATAATATGTGTTAATGCTATATGACAAAATGCTCTGATTCCCTAGTGCCAAAGGTTCAATTCAGTG  
 TATATACTGAACACACTACCCATTTGTGCTTTTTTTTTTAAATGGTCTTAGTAAAGAGCCCATCCTT  
 TGCAAGTCATCCATGTCGTTCTTAGGCATTCTATCTTTGCTAAGATTGTTGAAGAATGGTGGCTTGTTT  
 CATGGTTTTGTATTGTGTCTAATGCACGTTTTAACATGATAGACGCAATGCATTGTGTAGCTGCAGTT  
 TTCTGGAAAAGTCAATCTTCAAGGAATTGTTTTTCAGATCTTCAATAAATTTTTTCT  
 >GBEQ2352 |Acc|CD468800|Ver|CD468800.1 GI:31390068|LeukoS3\_7\_A05.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_A05\_A025 3', mRNA  
 sequence.:Start:1:Stop:696  
 GAGGACGGACAGGAATGGCCTTGATGAAGATGACGGGCATGGCTGGCGTCAGCTCTTTTAGCCGAGCTTC  
 AGCGATGACTCCGGTCTGGGTGTCCCAGCGGGCTCCTGTGGGGACAGCACGGCTGAGGGTCAGGGTGGCC  
 TGTGGTGAGGTGACTGGTTCTGTCTGGTGTGCTGGCTGTGATGGAAGGGAGGGGCTGGAAGGGAGAGGT  
 CTGGCCTTGCACTCCCACCCCTGCAGAGATAGGCTAGTGCCCTGCGACACCGGCTTTGGCCCCCTCCT  
 CCAGAGAGCTCAGGCCAGGTGCTGGACTGGCACGGGAATTGCTAAAGATGGAGTTGCAAAGAGGACTCCG  
 TAGATGACTGTGCACGCTGTGACTGCCCAGGTGTCTCGCCATGCTCCGAGGAGCAGCTCTGCGTAAGGCT  
 CTTGGTCTGTGCTTTACACGGCTGTGTTTCAGAGCCTCATCTCTCAGCCTTCTTAGTTTTCAGTGGCAGG  
 AATCGTAATTCAGCTGACAATTACAGGAGAGTCCCTTCATATGGAATGTCTAACTATGTGTACATACAC  
 AGTATAAATAATTACATGTACGCACATATAATTGTTACGTGTCTTTAGCCAGACTGCTATTATTTCTACT  
 CACCCTATTTAATGATATTTATATTTCTGTCTGTAGTTCCAAAATAAACATGGAGAATGTCTGCT  
 >GBEQ2353 |Acc|CD468570|Ver|CD468570.1 GI:31389838|LeukoS3\_4\_C10.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_C10\_A025 3', mRNA  
 sequence.:Start:1:Stop:344  
 TCCCTTTTTGGGGTTCCCCCCCCCAGGATCCATTTGGGTAGTTTTTGAACAGTCAGGGATTCCAGGTT  
 TTAAATAGTTTGTAAATTTTTCAGTTTTTACCCCTTTATCATCCCTGAGGATTTTTTAATTAAAGGGTT  
 TTAATTCCTTTTTTTGTTTCAGCGGTTAATGGGGGATCCATATTTAGTTTTATAAGCTTTTCCCGTTTT  
 TTTTTTTTTTTTTTTTGGGCTCAGAAATTTTTTTTTTTTGTGTCAGGGAAATGTAAGAGGGGAATAT  
 TAATCCATTTTCAGTTTAGTTTTGTAATGTGAGGAATTTTTCAAAAAAATTAAGATGGGCTGG  
 >GBEQ2354 |Acc|CD468561|Ver|CD468561.1 GI:31389829|LeukoS3\_4\_F12.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_F12\_A025 3', mRNA  
 sequence.:Start:1:Stop:774  
 AAAAATCCCCCTCTAGAACATGTAGACACTTGAGAAATGTTTCTGTTTGAAGAAAATAGAGGGAGAAAC  
 ACAAGTCTTAAGTCTGTGGCACACTGTGTCTTCAGACAGTTTGGAGGAATGAAAACCTAGAGATTTAAGA  
 TCATGAGTTGAACATGTAAATTTCCAGTAAATGTAACATGGAATATGCATCGCTCTTGCCCTTGAGCA  
 TAGTGACTTAGAGACACTGTATAGCAGTTTTTGCCATAAGACTGTGGACTTCGTGCTTGTGTTGAACCT  
 CTGGGTCAAAATCCAATGAGGTGAATTTTGGCTTTAAAGGGTTTATTTGGTAAGAACCACTTAATAGT  
 CCTGAGAGAATCAAATAATAGATGTCACTACAAGTAGTTTCATATATTTACCATTTAGTTTGGGGCTCTGT  
 TACTCACTTGAGCCTTCAGTCAATGTGGTTTTAATCAATGGTTTGTCTTTGAATGGTTGCTAATGCTGT  
 GGATGCTCTCACTGAGGACTGTACAACCTGGAAGGTGTGCTATCAAACCTTAGGTTAACTGTTTGAGCGT  
 TCTAACATTCATTTACAATTAGACTGTATAAGGATATTGGCTGTGATGAGACTCACTGCGATATTTTTT  
 CAGTAGTGAAATTTGCTAAATCCCCATTCCATTAACAGGCACATGTGGAAAGAGCATTGTCGTTGGTGT  
 AATGGGGGAATGTGTTCTTCATTGTATTTGGGCCTTTTGTATTGCACTCTTGATATTAAATTAATGTG  
 CTTG  
 >GBEQ2355 |Acc|CD468548|Ver|CD468548.1 GI:31389816|LeukoS3\_4\_G05.b1\_A025 Stimulated  
 peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G05\_A025 3', mRNA  
 sequence.:Start:1:Stop:736  
 GAATTTGCATCAGTTTTTTAATCTAAAGTTTTAAGATATACTGAGATCCATATCCGGTGAAATAAATCA  
 TATAGATTATAGCTAAATCTAGATTAATGCTCGTGTTTTTATAATGGAATTTTCATAGTAATATACAAAG  
 CAGATCCCCTTCTTGTTTCCACTGCTCCACAAAAGAGATTTAAACAATTAATCAGTTTTCCACAGT  
 GCACGTATATGTGTGTGTGAAGAAAGGAATAATATATGCACACACACACCTTTTTTGGTCTCACTCG  
 ACAACACACTTATGACCTTTTGGCAAAGACACTGTGGTGACACTGTGGAACTACAAAGGAGAAATC  
 AAGCACTGGCCTGGCCTTGAGAGAACTGAAGTCTTCTCATTACCACTCTAGAATGTTGCCAAATGAGA  
 GGGAGAAAGAAATGTATGATAATTCTGTCAAACAAATTTTCATTCTGTATTAAGAAAGCAGAGGAATAT  
 ATTTGAAATGAACATTTATGGGTAGAATGTGTGCTTTTTTTTTTTTTTCTGGTAGATAGAAATGGA  
 ATTAAGTGAAAGTAACCTGTCTACTGTTTTGTCTCAAAATTTTATATTGACTTTTTATTTTAAATTTAA  
 TCCCATTCATTTAATTTGTTACATTGACATTAACCTGCTGTATTTGATGACCTTGTTCAATAATTTTG  
 TTCTTTCAGGGCTAGAAATAAATTTTTTTTTTATTTTC

>GBEQ2356 |Acc|CD468420|Ver|CD468420.1 GI:31389688|LeukoS3\_3\_F01.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F01\_A025 3', mRNA sequence.:Start:1:Stop:559  
TAAATAAAGATGACTTCTTCCAGACTTGTCTTAAGAATTAAATGAGATGTAGATTAAGACATAGTTTCA  
TAGGCACAGACACACAGAATGAACCTGCAACATTAACAGGCTTCCCTTTCTGCTTCTCTCTCCACT  
TCTCTTACCAACCCCTCTGAATCTGTGGGCTTTCGTCCATGGATTTAATCAAGGATTCATAGTAAATTGT  
AACTGCAAAAAAAATCTTTCCTAATGGACAGCCTTCTTCTACTTTATAGAGGAAATTAATTTACTTTGGC  
CATATAAGGAAGGATCCACTTGCAGTGCCTGCCCCAATAATGACGTCTGTTTGGATAATCTCTGTGCTAA  
CCCACAGCGAGACAAAGTCACACATTACTACTCTACCGTGTATCCAGACTGGCCGCTATATTCACGTAAC  
AGATACCTCTCTCTTCTCATCGTTAGTCCGCCAATTTCTATTACTCAGTGTATATAATTACCAATTTGGG  
TCAAGCACAGATACCCCTCATATTTAGTTGTTGAACCTCATACAATCCAGAAAAAAATAAACATTCAT  
>GBEQ2357 |Acc|CD468394|Ver|CD468394.1 GI:31389662|LeukoS3\_3\_A03.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_A03\_A025 3', mRNA sequence.:Start:1:Stop:376  
GCTTTTCAGAAGAAATTTAATCAATGTGATAAAAAAAGACATTTTATGGTAGCTTTTACTTTTTT  
TGAGAAAAGTATTATTGGCCCTTTTAAATTTTTTTTTTGTCCCAAAAAGACTACTATCCAAAGTCTCGAT  
AGTAAGCATTATTTTGGGGGTAGAAATAGAAAATCTCTAGCCTCTTTGTGTGTTTTTGTGTTGTTGTT  
GTTGTTTTATATAATGTCATGTTACTTAAATAAAGTTTGAAGAACTAATGCTTGTGCTAGACAAGGTTT  
GCTGTTGTGCAGTGTGCTGTCACTACTGGTCTGTACTCTTTGGATTGTCATTTTTGTATTTGTACAAA  
GTAAAAATAAAGTGTATGAGTGGTT  
>GBEQ2358 |Acc|CD468301|Ver|CD468301.1 GI:31389569|LeukoS3\_2\_D09.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_D09\_A025 3', mRNA sequence.:Start:1:Stop:622  
CAGAGAGCGAGGATGAGGAGAGCTATGACACGGAGTCAGAGTTCAGGAGGACGAGCTGCCCTATGATGA  
CTGTGTGCTTGGAGGACAGCGCCTGACGCTATGAGCTTCGGAAAGTGTCTCAAAGAACATGGACTTGTAG  
ATTTGTACAAAAAGAGAGTTTTATTTTTCTAAAAAAGCAAAAAGAAAAAAGGGTGTACTCCCTTA  
GAACCACACTGCCTGGGCTGAAACGTTTACTGGGGATCAGCCCTCCTTTTGTGATTTTTGTGAACCTTG  
GAAGGGGGGACAAGAAAGATCCTTGAATTCAAAGAAAACCTCTTTTACACTTCACCTTGGTGAGGCTTT  
TCGAGAAGGTGACCCAAAATCCGATGAAAGGACTACGTTTTATTTATTTGTGCTTCTGATCAAACCTCCA  
TGGATTGAGTGGCCGAGCCAGTTGTGTCCTGTGACATGTAATGATCAGGTGTACTGTTGAACCTTTTGG  
TGGTGTGGGGTTAAAGTTGCTACCTGTCAAGGTTTGTGTCAACCTCCTGTAAATGGTGTACATAGTGA  
TTTTGTTGGTAATTATTTTGGTACTTTGAAGATGTATATTTATTAACAGATTTTACAAAA  
>GBEQ2359 |Acc|CD468245|Ver|CD468245.1 GI:31389513|LeukoS3\_2\_C06.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C06\_A025 3', mRNA sequence.:Start:1:Stop:602  
ATGCTCTTAGCTGAGTGTCCCGCGGGGCCCCGAAGCGTTTACTTTGAAAAAATTAGAGTGTTCAAAGCAGG  
CCCGAGCCGCCTGGATACCGCAGCTAGGAATAATGGAATAGGACCGCGGTTCTATTTTGTGTTTTCGG  
AAGCTGAGGCCATTGATTAAGAGGGACGGCCGGGGCATTCTGATTTGCGCCGCTAGAGGTGAAATCTTTGGA  
CCGGCGCAAGACGGACAGAGCGAAAGCATTGCGCAAGAATGTTTTTATTAATCAAGAACTATATCACGA  
TGGACGAGCTGCGCCGGGAGCTGCCGCCGACAGGCGGAGTACTGCATCGCGCGGATGGCCCCCTACGC  
CGGCCCCGACGCTGTGCTTGGTGTCTTGGACTACATGTCTTCTCCACGGCGCTCTACGGCGAGAGTGC  
CTCTGACCCGCGCCCGGCTCCAGCGCCCTCGCCCCGACGCGCTGAGCGCCCGCTGCACCTCCGCTG  
CCCCCTCCCCGCGCGGTTGTTGTTTCCGCTCAGCCTCGGCCAGGGCGAGCTGGGCCCCACGTGGCATCGA  
GCCTCCCTGCCCGTGAAGTGACAGTTTACAAATATTTCTGC  
>GBEQ2360 |Acc|CD468135|Ver|CD468135.1 GI:31389403|LeukoS3\_1\_G10.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_G10\_A025 3', mRNA sequence.:Start:1:Stop:673  
ATCAAGACCATTCTCAGTCTACTTTTTTAAGCCACCATATCTTAAATTTATTGAAAATTTATTAATTGCTG  
AATATATAATAACCTTTGCTTGTATGTAACCGAAAATGGTTTAAAGAGCCAACATTTAGAGTATGACAATG  
GAGCTGAACAGTTTTTAAATGCGCAAGCAGTTCTGTTCTGTGTATGACTTGTAACTTAATTTACTGTGT  
AAAGATGGTTACATTATTTCCCTAGCTTTGTTTGTGGAGACAAATAGAGAATGCTTGTAAAGTATGTCA  
AAACATAATCTTATCTTGTGAATTTTTGTTAATGTATTATACGAGCTATATTTTTTCAATTTGCCAGAAAG  
ACAGCTTGTATAACGCTTTGGGAAGTTCTGCTCTGTGATGTCTTTAGAGCTGACAGTCTGTTAGGTTTG  
GTTTTCTTCATGTTTAAAGTGTCCGTTGGTGGTTTGTGAAGTGGTCAAGAAATTCACAGGTCTTAAATGT  
TTTGGGAAATTTATATTGGACACTGCTCTTTGTCTAGCAAATAAAGATGTTAATATATTCCTGTTACT  
GGCATGTGCACGACTATGTTATAGAAGCCACTTATCATTTTTCTGCTTTAAATAGAAATGTCTATTTA  
TGAATTTCTGCTTGTAGTTTTTTCACAAATAAATAGTAAATTT



>GBEQ2361 |Acc|CD467971|Ver|CD467971.1 GI:31389239|LeukoS1\_8\_G08.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G08\_A023 3', mRNA sequence.:Start:1:Stop:657  
CCATCAAGAAGAAGCTGACGGGGATCAAGCATGAATTACAAGCAAAGTCTACGAGGAGGTCAAGGACCG  
TTGCACTCTGGCAGAGAAGCTGGGGGGCAGCGCCGTCATCTCCCTGGAGGGCAAGCCTTTGTGAGCCCCC  
TCCAGCCCCCTGCCGAGCATCTGGCAGCCCCAGACCTGCCACAGGGGTTCAGGCTGCCCCCTTCCT  
GCCAGACCGGAGGGGCTTGGGGGATCCAGCAGGGGGAGGGCAATCCCTTCACCCAGTTGCCAAACAGC  
CCCCCGCCCCCTGGACCTTCTTCCCTCCTCCATTCTGACGGTCTGGCCTTCCCAAAGTCTTTTGATC  
TTCTGATTCTCTTGGGTTGAAGCAGACCAAGTTCCCCCGGGCAGCCAGTTTGGGGGGGGCCTGTATT  
TTTTTTAACGACACCCAGTTTCCACCTGTTCCCTCCCATTTCCCATGCTGCCAACTTCTAACCGCAATA  
GTGACTCTGTGCTTGTCTGTTTAGTTCTGTGTATAAATGGAATGTTGTGGAGATGACCCCTCCCTGCGCC  
GCCTGGTTCCCTCCCTTTTCCCTGGTCTGTCGCGCTCATGGAAGCAGGACCAGTAAGGGACCTTCAA  
TAAAAAAAAGAAAAACACACAAC

>GBEQ2362 |Acc|CD467963|Ver|CD467963.1 GI:31389231|LeukoS1\_8\_H02.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_H02\_A023 3', mRNA sequence.:Start:1:Stop:436  
CTTCTGCGCTCGCGCTCGGCGTGGTGGCACCAGACGCGCCCTCGACATGCAGAACGACGCCGCGCAGTT  
CGTGGACCTGTACGTGCCGCGGAAATGCTCCGCCAGCAACCGCATCATCGGCGCCAAGGACCACGCGTCC  
ATCAGATGAACGTTGCCGAGGTTGACAAGGTGACAGGCAGGTTCAACGGTCAGTTTAAGACCTACGCCA  
TCTGCGGGGCCATCCGAGGATGGGCGAGTCAGATGACTCCATTCTCGACTGGCCAAGGCCGACGGCAT  
CGTCTCAAAGTAAGAAGAGGGCTCCCCGTGTGGACACAGAGGCCTAGGGCTTTCCAGAGGGAAGGGTTTC  
CCATTGTCTTCTTTGTTCTAGGAACCTCTGACTGGAGAGGATCACGCATGTGGAATACTTGTCTATAA  
ATAAACAGTAAACCC

>GBEQ2363 |Acc|CD467961|Ver|CD467961.1 GI:31389229|LeukoS1\_8\_C03.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C03\_A023 3', mRNA sequence.:Start:1:Stop:510  
AGGGCAGCAGCTCTGGGCCCAAAGGCTGGGGCATAGCCACGTGTACTGGGCCATGGGCGAGGAGCTGCTC  
CCCGACAGTCACGGGCCAGTGTTGAGGTGCCCAAGGACAAGGAAGGAGGTGTGTTTGACCTGGGGCCCT  
TCGTGGCAGATCTGATTGCCTTCCTTGGAGGAAGCAGACGCTCGCCACACTACACCTCTGGTTCTGCTT  
GGGGGAGTCGTGGCCCCAGGACCAGCCGTGGACCAAGAGGCTTGTGATGGTCAAGGTTGTTCCACATGC  
TCCAGAGATTCTGGTTACATCTGGTGCTTGGATCAAATTAAGAGTGGAAAGGTGAGATTGTCATGAGCCTG  
TTTCCAACAGCCACCCCTCTCCCTCACCTCAGACCAGTACAAGGCCTACCTCGAGGACCTGGTGGAGGA  
CATGGATATCTAGTTCTCTGGGGAGGCCTGGCCTTGCTCTCATGGGTGCAGGCCCTCACCCCCGACCTC  
AGCCAATAAAGTGGTTCTTG

>GBEQ2364 |Acc|CD467839|Ver|CD467839.1 GI:31389107|LeukoS1\_7\_B06.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_B06\_A023 3', mRNA sequence.:Start:1:Stop:668  
AAACTAATCAATCTCTAGTAGCGTTGAGGTTGTACTTACATGTTAAGTTGAATGGATTGTTCTATTTAA  
AAATAAACAACCTAGGTTATTAACAACCTAGTTTATTAACATATCAGAATTGATTGAACCTATTTTTTTTAA  
TTTAAGTCTTAACACATTTTAAAAAATGTATAAAGTAATACATTGTAGTAGTAGGATTATATACTTCTT  
GGCTGAGAATCCCAAGTACTGTGGTTCTACTGTTTAGTGGAAGTCTGGAAGTTAAATATAGAATATG  
AGAAAAGGCTTTTTTATAGTGGGCATCACTGTGTGGGAAATGACCCATGTGAATACAAAATATTTTATAAT  
TCCAGAGATTCTGGTTACATCTGGTGCTTGGATCAAATTAAGAGTGGAAAGGTGAGATTGTCATGAGCCTG  
TTTAAAGCATAGTAATACATGCAAGGCCAGGTGGTGGAGAAGTGAGGAAGAATGGAGCTTGTATAGTA  
TTTTCTGATAATTATAAGAAATGTGCTTTATAGATTAAAGATTTATTGAAGTATAAATACGTAGTAATGAT  
ATGTATTTTAAAGTTATACAAGAAAATGTAGGACTTCTGTTTGGGTCTTTTTCTCTGTGGCTGAGGAAAC  
AAATCAGTGTCCAATAAATAAATCTCTGCTCT

>GBEQ2365 |Acc|CD467832|Ver|CD467832.1 GI:31389100|LeukoS1\_7\_D02.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_D02\_A023 3', mRNA sequence.:Start:1:Stop:629  
ATTTTACCAAGCTTAATTTCTGGCTTTTGGTTTATATCCATTATTCAAATTTAAATACCTCTAATTTT  
AATGCCAACAAAATGGTTGTAATCAAATTTTAAATAATAATAAATTTGGCCCCCCCCCTTTTAACT  
AGTCTTGACTCTTTGTGTGTGACTTTTTCTATGTTTGAATGTGTGACATGGAGATGGATTTTAACTCCATT  
TTACTAGCTAAATGCTTTGGCTTTCTACTAATCGTCCATCTTCCCTCTGAAATTTAGAGGGTCCAATAA  
TTTAACACTACTACCTCTAATGGGAGGAATTCCTATCTTACAAATGGAAATGGTTATGTTCTAAAGTAA  
AGCTCATTAGTTTATAGCTTAGAGTATATTTTATATATGGACCATTTATAAAGTACCATTTGACTTAT  
ACCATATGTTTTTTCAGCAAAAAAACAACCTGTTTTTACTAAATTTATATTGATACTGAATGGCAGTATT

TGAACCAAAGCAAGGGTAATTGATGTTAAAAATAGTGGATGGAGATTTTAGATATGACAGCTTATGTATTT  
TTGCTTTGAAATTCAAACTTTTGTCTATTTAATAGTATATTTATGTGGTCTATTCCAATAAGAAATACT  
>GBEQ2366 |Acc|CD467828|Ver|CD467828.1 GI:31389096|LeukoS1\_7\_F02.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F02\_A023 3', mRNA  
sequence.:Start:1:Stop:734  
GGGGTCCCCTCAACATCAGATGATTCAAGACGCCCCAAGGATAAAGAAAAGCGCATATTTTCAGTGATGAGGA  
AGAAGTGAAGTATTAAAAATTATATTTATATATAAATATCATTAATAAAAAATTTTTTCAATCTTGGAGTA  
CCAAGTTCAGTTGAACTAAAGATTACTTTTAGAATTTGAGCATAAGAACACTTAGTCCCAGATAGTTTTT  
TACTATAAAATAGTTCATAGGAAATTGAGAAATAATTTAAAAGTATCAAGTTTCTATCTTGCCTTAGCA  
GAGTAAAAATTAAGATTTGCTAATAACCATTAATCTTGAAAACAGTTCATTTGAATAAAAAAGAAAACCTT  
AATACTATCATAGTAATGCTGTTGTCATCCCAGGAAAAAGATAGATATTAATAAAAAATTTGTTTGAGAAG  
TTCGTTATAAAAGTTTATTTGTGCTGATTGGTTTACATGAGGACTTTTTAAATAAAATTCGTCTTTAA  
ACAGTAACCTTCATAAAGAACTTCATAAAAAAACTTCATGATTATTGTTATTAAATGTTAATAAAGGG  
CTGGCCCCATGACCCAGTGGTTGGGTTTCGTGCTCTCTGCTTCGGTGGCCCCAGGGTTTCGCCAGTTCGGAT  
GCTGGGTACAGACATGGCACCACCTCATCAGGCCATGCTGAGGTGGTGTCTACATAGCACAAACAGAGGC  
ACTCACAAC TAGAATATGCAACTAGTACGGGGGA  
>GBEQ2367 |Acc|CD467819|Ver|CD467819.1 GI:31389087|LeukoS1\_7\_F09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_F09\_A023 3', mRNA  
sequence.:Start:1:Stop:574  
ACTCATCGGGCGCCACGACTCCGCAACCTTGGAAGATCTCCTCCTCCAGTTTCAGCCGGCCTGGACC  
ACTAGCGCGGCAGCGACAGTACAGACCGTTGCGTGGTCCCTGCCAACGCCTATATCTACAGTGAGGGA  
TGCGAGCGGAGCCTCGAAAAGTGGTTGCACAACAACCTTATCTCCATAGTGGGCGTCTGTCTGGGCGTCG  
GTCTACTCGAGCTCAGCTTCATGACGCTCTCCATATTCCTGTGCAGAAACCTGGACCACGTCTACGACCG  
GCTCGCTCGGTACCGTTAGGCCCCGCGCTTCCCCCTTCCAGTGCCCTGGGCATTTCCCTGTCCCTGTAA  
TATTTGTTTAAATCCCAAGTTAGCCCCAGCGAGTGAGCTCTCCGCTCCTCATTCCCCCTGGGGACGCAGG  
TGCTCGCTGCCCGCTGCTGTTACCTCTCCCGGGGACCTGGGGCTTCCGCCACCAGCTTCTGCCCCC  
AAAGATACCTCATTTCTTACTCATCTGTGCGCCTACCACCTTCCCAAGAGATTTTTCACCCAAACCC  
CAAATAAATCCCCCT  
>GBEQ2368 |Acc|CD467700|Ver|CD467700.1 GI:31388968|LeukoS1\_6\_A04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_A04\_A023 3', mRNA  
sequence.:Start:1:Stop:601  
ATGAAATTAAGAATGAAGCTGATAGGACCTTGATATATATAACTCTCTACATTTCTGAGTGTCTGAAGAA  
ACTCCAAAAGTGCAATTCAAAAGCCAAAGCGAGAAAGAAATGTATACACTGGGAATCACTAATTTTCCC  
ATTCTTGGAGAGCCTGGTTTCCACTTAACGCAATTTATGCCAAACCTGCAAACAACAGGAAGATGAAG  
TCATGAGGCGCTACTTACAGCAACTGAGGCAGGAGACTGGACTGAGGCTTTGTGAGAAAGTGTGTTGATCC  
TCAGAATGATAAACCAGCAAGTGGTGGACTTGCTTTGTGAAGAGACAGTTTCATGAACAAGAGTCTTTCA  
GGACCTGGACAGTAAAGGGAGCCTGGGCAGACACCGTCCACAGCCGTGGGCAGCATTTCACAGCAAGATG  
TACACGGTTCTTTGCCCTTATTTTATAAAGTTTATACAGAAGAAGGAAGAGAGCATGTCTTTACTTGAA  
GAGCTCTTTTATCAAGAATTTGGGTGGGGGAGGGAAAAATGGGCTGTTGATGGGTGATTGAAATATTCTC  
CACTATTAAGTTGGTGCTTAATAAGTAATAATAATATAGAA  
>GBEQ2369 |Acc|CD467646|Ver|CD467646.1 GI:31388914|LeukoS1\_6\_G02.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G02\_A023 3', mRNA  
sequence.:Start:1:Stop:308  
GTCCTTCGTGGGCTGGTTCTCGGCTGGGATGACAGCTACTGGTCTGTGGATCCCTTGGACAGGGCCTTG  
GCTGAGCTGGCTGCCGTGAGGAAGGGCAGGCCCCACCCCTGTCACTGGTCAGTGCCTTCTAGAACTGTCCA  
TCCCTCAAACAGACCTTAACGGTGAGCAGGGCCACTCTGGTCTGTGTGTGTGGTTTTTCTTACAGTAGC  
CAAAAACAACCTCAGCAAAATTCAGGGTCTTGCAAAATTGTCTCAAGTCTCTGTGCTTTTGGAAATTGA  
ATTCAATAAAAGCTTTTTGAAGTGTGTC  
>GBEQ2370 |Acc|CD467522|Ver|CD467522.1 GI:31388790|LeukoS1\_5\_B08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B08\_A023 3', mRNA  
sequence.:Start:1:Stop:606  
CTGGCTCCGTGGAGCGAAGTGATTAGCTTTAGCTGGCCTGCCACAAGGCGGTGCTCGGGAGGTCTCAGC  
AGCCAGCACCGGGCCAGCCTCCCTAGCTTCTGACTGCTATCAAGGCTGGACAGGTTTGCAGGCAGGAA  
GATGCTGGCTGGCCCTTTGCCCTGCCATCTGTCCACCTCCAGGCAATGAACCTTCACACTTGCCCTCT  
CCCTGGAGTCACAAGGGCCAAAGGCTGAGTTCCCAACCCACCCAGCAAGTGGCATGACAGGGTTCA  
GAGCCTGGCTCCCCTACTTGGTCTCTGACCTAAGGCGGGTCTTAACTCGGGCTCCGTTTATTTCATG  
TGTAATATGGATATATCTTCTAATGGTTTAATAATCAACAACGTGCCCCCAACAGTGCTGGCTTCTAC



AAATAAACCCACACCCCTGCAGCTCCAGGCCACTCTCAAGTCGACAGCCTGAGCAAGAAAAAGGAGCCTG  
CACACTGATGGCAGACACCCAGCTCCACCAATCGTTAATGCAAGTTTTTATTTGGCTGTATATACAATTT  
AAGCTATTAATAATTTGTACAATATTTACAAATTAATAATCATCTC  
>GBEQ2371 |Acc|CD467519|Ver|CD467519.1 GI:31388787|LeukoS1\_5\_G03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_G03\_A023 3', mRNA  
sequence.:Start:1:Stop:392  
CTGTTGATAGCAGCAAGAGAAGGGCAGCAATCGTTCCATCTTTTCTGATCACAACGAGAAATGCAGTGTC  
TGCCCTGTTACAGCAAAAGAAAAAATCATGATTTCTTTTCTAAATGTATCACCTGAGTCAAGGAAACGTT  
ACGCCCTCTTGTGTAGGAAAAACGGCTTGCAGATTATAAAGAGACACTTGGTTGATATTCATTAATGG  
CCCCGTGGACTTAAGTATCCAGGCCCTGAAACATTGTTGTGATGAGGTTTCTTTAGCAAGTCTTTGTTT  
AAGTTATCATTTTGTGTGATGAGTGAAGTTTTTAACCTTGCTTTGCTGTGTGAAATTTAAAAAAGGGATGT  
TTTTCCAGGCTAAACAATAAAGTCGCTGTGCAGTTAAAAA  
>GBEQ2372 |Acc|CD467500|Ver|CD467500.1 GI:31388768|LeukoS1\_5\_B06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B06\_A023 3', mRNA  
sequence.:Start:1:Stop:693  
GCTGCCCTGTTGTTGGCTTTCTGTTTCTGGAGCTGCTCATCTCGCCTCGCATACCACTCTTCTAGCTCCT  
TTATFGCTTTTTCTTTCCACTCTCTCTTCTGTTCTCGCCATGGCGGATCAAGGTGAAAAGGAGAACCC  
CATGCGGGAGCTGCGTATCCGCAAGCTCTGCCCTCAACATCTGCGTCGGGGAGAGCGGGGACAGGCTGACC  
CGGGCCGCCAAGGTGCTGGAGCAGCTCACTGGCCAGACCCCGGTGTTCTCCAAAGCTAGATACACCGTCA  
GGTCTTTCGGCATCAGGAGAAATGAGAAGATTGCCGTGCACTGCACAGTCCGTGGGGCCAAAGGCAGAAGA  
AATCTTGGAGAAAGGTCCTAAAGGTGCGAGAATACGAGTTAAGAAAAAATAACTTCTCAGATACTGGAAC  
TTTGGTTTTTGGGATTACAGGAACACATCGACCTGGGGATCAAATATGACCCAAGCATTGGTATCTACGGCC  
TGGACTTCTACGTGGTGTGTTGGGTAGGCCAGGTTTCAGCACCGCAGACAAGAAGCGCAGGACAGGCTGCAT  
TGGGGCCAAACACAGAATCAGCAAAGAGGAGGCCATGCGCTGGTTCCAGCAGAAGTATGATGGGATCATC  
CTTCTCGGCAAGTAAATTTCCGTTTCTATCCAAAAGGCCAATAAACAGTTTTTCACTGAAATGT  
>GBEQ2373 |Acc|CD467409|Ver|CD467409.1 GI:31388677|LeukoS1\_4\_H01.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_H01\_A023 3', mRNA  
sequence.:Start:1:Stop:485  
CTCAAGATCCAGACACTCAAGTCTAACAACCTCAATGGCACAAGCCATGAAGGGCGTCACCAAGGCCATGG  
GCACCATGAACAGACAGCTGAAGCTGCCCCAGATCCAGAAGATCATGATGGAGTTTGAACGGCAGGCAGA  
GATCATGGACATGAAGGAGGAGATGATGAACGATGCCATTGATGATGCTATGGGTGATGAGGAAGATGAA  
GAGGAGAGTGATGCTGTGCTGTCAGGTCCTGGATGAGCTAGGACTGAGCCTGACAGATGAGCTGTCAA  
ACCTCCCTTCCACTGGAGGCTCACTTAGTGTGGCTGCCAGTGGGAAGAAAGCAGAGGCCCGCAGCATCAGC  
CCTATCGATGCTGATGATGAGCAGCTGGAGGAGCGGCTGAAGAAGTTCGGGAGGGAGCTGACCACTCCATGCC  
ACCCAGGAGACAGTGGATGCCACCCAGCATTTTCACTGTCTCTTCTCTGTAATAAAAAGAGA  
>GBEQ2374 |Acc|CD467407|Ver|CD467407.1 GI:31388675|LeukoS1\_4\_C06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C06\_A023 3', mRNA  
sequence.:Start:1:Stop:269  
CTTATTTAACTTATCGAAACGTATTTATTGCCAACTATGCTTTTTTTTTTGTAAATTTTGTTCATATTTA  
TCGGGATGACTAATCCATAGAATATATTCTTTTATGTTAAATTATGATCTTCATATTAATCTTAAAAATTT  
TGTGACGTGCTTTTTTCTTTTTTCCACAGGTTTAAATATATTATCTTCAACGACATTTTTTGTAACTT  
TACACTTTTTTTGGTTATTTTATTTTAAAAAATGAAAAATTAATTTAAAAAATGCAA  
>GBEQ2375 |Acc|CD467397|Ver|CD467397.1 GI:31388665|LeukoS1\_4\_H12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_H12\_A023 3', mRNA  
sequence.:Start:1:Stop:660  
GAAAGTTTTTTTAGATCTAAGTAGTTGCAAAAATGCTAAAATCAATCACATTAGGGGAAACATTGTGTCT  
TTAATTCATTTAGCACCATTTAAATAAGCACACAAAGTTATATGACTAATATAACTTGAAATTTTTTTA  
TACTAAGGGGGTGGTGATAACTCCTGAGTGTTTAAATGCATTAATAAAAATCAACTTATGTTCTACTTGT  
TTAGTGTGTTAGAAATTTTTAAATGAAACTGTAGACATTTCTCTACTTTGAAAACAGTGTGTCAGGG  
CTGAATGAACCGAAGCCTCTAGAAAGTACCTGCATAGAGGCCAAGGTACTTTCTTAAGCCTAACAGCTACT  
TACCCATTACCAACCTTTTCTTTGCTGTATATGGTTGTGGCCTACAGTATTGTATTGTATTATTTAT  
CAGGTTGTGATTGTTTTATTATTGTTTATGCCAAATGTAAATGCCAAGCTTGGAGTGACCTAAAGCATT  
TTTTAAAGCATGACTAGATTTACTTCAGGATAACTTATGAAAACCAAATTTGAAAAGCCACAGGTGTG  
ATTGTTATACATGCTGCAATTGTTGATTGCTAGAGCTTCTGTTAGCACTTTAGATACAAGTGAACTAC  
GCTCTATTACATGTGAAAAGCTTAATAAAT  
>GBEQ2376 |Acc|CD467395|Ver|CD467395.1 GI:31388663|LeukoS1\_4\_G03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_G03\_A023 3', mRNA

sequence.:Start:1:Stop:414

AGATTTCAAAGCTTTTTCAGATTTTAACTACTACAGTGTACGTATGAATTTAATTCATCAGCTAA  
AGTAACATGTCTTTGGACTTTGCTTACTAAATTTTCAAGTATCCTTAAGGGTTTTATGTTGTATCAAAGCA  
AAAAGAAAATGCTGTATAAAGATTCCAACTTCAGCAACTGTTAATACTCAGATCATATACCTCTTAATA  
AAGAGCATCTTATGCTAATTAGCCCTGCTAACTATGTACAGAGGAAACCATTCAAGTATGGATTTGAA  
AATAATTGCTTATGTTTACCAGACAGAACTAATGATGTATTAAACAACGTATTATGAAAAGCTAAATTA  
TATTATCCGTCCTGTAACTATGTAGAAATATAGACTCATGTATAATCAAATGCTAAGAATTT

>GBEQ2377 |Acc|CD467382|Ver|CD467382.1 GI:31388650|LeukoS1\_4\_G07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_G07\_A023 3', mRNA  
sequence.:Start:1:Stop:604

TAGCAGCAAGGTGAAGACCTTGCTGCTAAATGCTGCTCAGGACACCATGGCGCCCCCTGACTCCACCC  
AGCCTGTCAGGACAGAGCTGCCACTCGAGGATACAGTCCTGCAGAACCTGGAGCATCTGCTAGATGGGC  
CAGGAGCCCAGGGCAGCTGGGCAGAGCTGGCAGAACGGCTGGGGCTACGCAGTCTGGTGGACACGTATCG  
AAGACAGCCTCACCAGTGGCAGCCTCCTGCGCAGCTACAAGCTGGCTGGTGGGACTTGGCAGGCCTG  
CTGGATGCCCTGTCTGACATGGGCCTAGAGGAGGGAGTGAGGCTGCTGCGGGGTCTGAGGCCCGAGACA  
AGTGTCCCAGCACAGAGGCGAAGGAGGACAGTGCATATGGGAGCCAGTCCGGTGAACAGGAGGCAGAGAA  
GCTGGGCCCACCCCTGAGCCACCAGGAGGGCTCTGCCATGGGCACCCACAGCCTCAGGTGCACTGAACT  
GTCACCCACTCAGCAGCCCCCTTCTGCGGCCCTCTGTACAGCATCCCCCATTCAGTCTTATTTAAC  
ACCCCATGCCACCCCTCAGCTGGGGCAAATAAAGATTTCTCAT

>GBEQ2378 |Acc|CD467238|Ver|CD467238.1 GI:31388506|LeukoS1\_3\_F05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_F05\_A023 3', mRNA  
sequence.:Start:1:Stop:593

GCACGTACCAGCAGGACCCGTGGGCAATGACGGATGCCGAGAAGGCAAAGCGGTGCCGGTTCATCCACCA  
GGAGGGCAACCGCTTGACCGCGAGGGCCACGTGAAGGAGGCCGCCCAAGTACTACGACGCCATCGCC  
TGCTCAAGAACCTGCAGATGAAGGAACAGCCTGGGTCCCTGACTGGATCCAGCTGGACCAGCAGATCA  
CACCCTGCTGCTCACTACTGTCTAGTGCAGCTGAGTGGGCCAGGAGTATTACGAAGTCTGGACCACTG  
CTCCTCCATTCTCAACAAGTATGATGACACGTCAAGGCCCTACTTCAAGAGGGGCAAGGCGCACGAGCC  
GTGTGGAATGCCAGAGGCCAGGCTGACTTTGCCAAGGTGCTGGAGCTGGACCCCGCCCTGGCGCCTG  
TTGTGAGCCGGGAGCTGCGGGCCCTGGAGGCACGGATCCGGCAGAAGGACGAAGAGGACAAGGCTCGCTT  
CCGGGGCATCTTCTCCCACTGACAGGGCCACCCAGCCTTGCCACCCCTGCCAAGCCCACTGCTGCCACTG  
CCAGCCCAGCTGCCCCGCTCTATCATGCTTCT

>GBEQ2379 |Acc|CD467209|Ver|CD467209.1 GI:31388477|LeukoS1\_3\_G05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_G05\_A023 3', mRNA  
sequence.:Start:1:Stop:614

CCTCACCCCCAGGGCCTGTTGCCATGCCAGCCTCAGGAGCATGCCGTGTCCAGCCGTGAGCCCGTTCTCT  
GCTCAGACGTGACCATGGCAGAAGAGAGCTGCCTGATCCAGCCGGTGGGAGGGTTCCCTCAGGGCACTTG  
GGTCAGTGAAGACATGTTCCACCCCTTGATGCCGCCAGTGAACAGGACCTCACCAAGCTTCTCCTGGAA  
GGCAAGGGGAGTCAGGGGGAGGGTCCTTAGGAGCCCAGCCCTCCTGCAGCATCTCCGTATGGGCAGT  
CTGGGATCTCAATGTCCCACCTGGACGTAAGGGCCACCCCAAGTTGGTGATCCAGCTGGAGAGGGAGCC  
CAGAGAGACAGCTCTTCTACCCCCACGACCTGCTCTGGACACCTGCCCATGCTCCTGCCAAGCAGCAGA  
TGGGGAGCGTGTCTCTATCCCCACCTACTCCCTGGTCAGGAGGAAGAGACTTTGCCAGGAGAATGCAG  
TGGGTGGAGCCTATCCACTCCCCATCCCATGCCACTCTTCTCCCTCTTGGGGGGTCATAGATCCTAAG  
CCATAAAATAAATTTTATTCCAAAATAACAAAATAAATAATCTACTGTACACAA

>GBEQ2380 |Acc|CD467114|Ver|CD467114.1 GI:31388382|LeukoS1\_2\_C05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_C05\_A023 3', mRNA  
sequence.:Start:1:Stop:433

TAAAGAGCAAATAATAAACCACCAAGCATCTGGGGAAGGTTTGAAGATGACTTGAAGGAAGTACTAA  
TAGAAAGGGTCAATTAATAAATATTTCTGTTCCATAATAGTAGTTAGATGATCTTTGTTTGAATGTAA  
TTAAATTTTGAAGATTTTAGCATGTCTTAGAGGCAAGTATATGCTTCAACACCTAACAGAAGTAAAAA  
TTCTAATGCATAGAGATGAATGTATAGTTTAAAGTGGTCCCTTCTTGTGTAATGTGACAGAATCCATACC  
AGCTCATGTATCAACACAGATTAATTTAAGCAGGATGTTTTATCTTTACATATGGCACATATAAAAAGG  
TGCTTTTCTATTATAAATATTTAATTTAAACTTTTAAATTTGTATAATAAATTAACACTCATAGAATAAA  
ACTGACTACGTAT

>GBEQ2381 |Acc|CD467107|Ver|CD467107.1 GI:31388375|LeukoS1\_2\_F10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F10\_A023 3', mRNA  
sequence.:Start:1:Stop:663

AGATAGAAGAAGTAAATGAGCAAATTAGAAAAGAGAAAGAGGAAGCTGAGGCTCGTATGCCACAAGCGTC

TAAGAATGCGGAGAAGTCAACTGGTGGAGGTGGAAACAGCAGTAAAACTGGTTCAGAAGATGATCTACAG  
TTACTAATTAAAGCTGTGAACCTCTTCCCTGCGGGGACAACTCAAGATGGGAAGTTATTGCTAATTACA  
TGAACATACATTCTTCTTCTGGAGTCAAGAGAACCGCCAAAGACGTTATTAGCAAAGCAAAGAGTCTTCA  
AAGACTTGACCCTCATCAAAAAGATGACATAAACAGAAAAGCTTTTGATAAGTTTAAAGAAAGAACATGGA  
GTGGTGCCTCAGGCAGACAACGCAACACCGTCAGAACGATTTCGAAGGTCCAGGCACAGATTTTACCCCCCT  
GGACAACAGAAGAACAGAAGCTTTTGGAAACAGCTTTGAAAACGTACCCAGTAAATACACCCGAGAGATG  
GGAGAAAATAGCAGAAGCCGTGCCGTGGCAGGACAAAGAAGGACTGCATGAAACGATATAAGGAACCTTGTC  
GAGATGGTAAAAGCCAAGAAAGCTGCTCAAGAGCAAGTGTGAACGCAAGTAGAGCCAAGAAATGACGTA  
TGACAATCTTTGTTGTGTGTGCATTTTATAAT

>GBEQ2382 |Acc|CD467068|Ver|CD467068.1 GI:31388336|LeukoS1\_2\_D10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_D10\_A023 3', mRNA  
sequence.:Start:1:Stop:339  
TTTTTTCAGATGTGCTTAATTTTATGGTGTAACTAAAGATTTTGTGTTGTGAATGCATGATTAAGACAAT  
AAAGTATTTTTCTAGTCTTCCAAAAAAGCTTTCTGATCAGTTTGCAGATTTTGTAGATTTTGTAAAGGT  
TTTTGTTTTACAACTATGAATCAGCAATTTTAAAGATTGTACCACATAGCAAACATACAGCTGTTGAA  
AAATAATGTATATAAAATGCATATAATAAATATTAAATTATGTACCTGTAAGTTACTGTTGGCTACATTA  
TTTTATGTTGAATAATAATGTGCAATACCTTACTCTCCATCATTAAGCTAGGAAAGGAA

>GBEQ2383 |Acc|CD466929|Ver|CD466929.1 GI:31388197|LeukoS1\_1\_E08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E08\_A023 3', mRNA  
sequence.:Start:1:Stop:628  
AATGTAAATGGTAAAGCTGCTTTGGAAAACAGTTTGGCAGCTCCTCAAAGGTTAGGCATAAGAGTTCCCT  
GTAAGAACCCAGCAATTCATTCTAGGTATAGACTCAGCAATAGAAAAATATATGTTACGCAAGAACT  
GTACACAAATGTTTCATAGCAGCATTTATCATAATAGCCAAAAGGTAGAAATAATCCAAATGTCCATCAA  
CTGATGAATGGATAAGCAAAATTTGGTATATCCATACAATGGAATATTACTCAACTGTAAAAGGGAATGA  
AATACTGATTTGTGTACAGCATGGATGAATCTTAAACCCATTTTACTAAGTGCCAGCCAGACCCAAAA  
GGCCCCATATATGATTTCTGTTTCCATGAAATGTCAAGAATAGGCAACCCTGTAGAGACAGAAAGTAAAT  
TGGTGGTTCCCGAAGGCTGAGGGGATGGGAGGTTTGGGGGTGAGGGCTGAAGGATTGAGAGTTTCTTTT  
TGGGGTGATTAAATTTGGTAGTGGTGATGGTTGCCCCCACTCTGAATCCCCTAAAAACAAGTGAATTGTG  
CCCTTTAAATGAGTGAATTGTATGGTATGTAATTATATCTCAATAAAGCCATTATATTTTTTTTTTT

>GBEQ2384 |Acc|CD466820|Ver|CD466820.1 GI:31388088|LeukoN2\_8\_F04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F04\_A024 3', mRNA  
sequence.:Start:1:Stop:503  
GGATGGATTGAGAACATCCTTTTTGTGCAGCCCTACAGCCAAGAGTGGGAGCTGGTGAATGATGCCCAAC  
ACCCAGAGGCCATTTATGAAGATGAAGAGTCCAGAGGCTCTGATGAATACAGCACCCCTCAGTGAAGAGGA  
AAGCGGCAGCATGAGCCACAGATGTGGCGCAAAATACCCCTTTGGATGTGCAGAAGGAGTTTGGCTACGAC  
AACCACATGACCTGGATTGAGACTGATGCTCCTGTGATACCTATGAGGTTTTATTTTACGGCCCTGAGG  
GCTTTAAGACTACAGTACCAGCTGCCCTGATAACATCCACTCAGGTTTCTAGCTTAACATATGGAAGGA  
AAAAGCATGTTTACAGCACTATCCTACCAGTGACAAGTGGTGTAAATGGAGTGTGTTTTTCCACTAAC  
ATTAGGGCCCTTTGCTTCAATCAAAAGTGATTTTACAGTTTGGAAAAAAAATGTTGTAAAAATGAAGC  
TTCTTGGCCCGG

>GBEQ2385 |Acc|CD466696|Ver|CD466696.1 GI:31387964|LeukoN2\_5\_D03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_D03\_A024 3', mRNA  
sequence.:Start:1:Stop:183  
TTCATGAAATCCAAATGGACTCCAGACATCATAGACTGATTAATCTTGTGTTTCTTACATGTATGTTTT  
CAAATGTGTGTAGTGTCTATTGTTATTGATAAAGTTACCAATTAATTTAAAAAGTTGGCTGGATTCTTTT  
ATCTGCTATATATTTCTAATTAATCAAATTACCAGATACAA

>GBEQ2386 |Acc|CD466594|Ver|CD466594.1 GI:31387862|LeukoN2\_7\_E12.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_E12\_A024 3', mRNA  
sequence.:Start:1:Stop:597  
TAGCACAAGGAAATGTTTTGCATTTTAAAGTGAAGTGCAGCTGTGCTGTGAAGAGAGTTCTTTTATTAAG  
ACCTGTAGCTTCCCTAACTCTGATTTTAAATGTAAGGTAGAAAGATGTTGGATATTTGAGGCAATTGTTA  
ATATATTTCTATTGCAAGTGTCTTAAAAAAGCAAAATAATAATAACGATGATGCATTTCTATGACAGTT  
TTCTCTGTGAAAGTCTTATTTGTGTGATACAAGCACTATTGAGTCCTTAACCTCTTACGAGGTGTGGCA  
TCATAGTACGTGGGGGAAGGAGTATGTGTGCGAGATTTTCCCGAGAAGAGGGGTGCTGATATAGCTACT  
GCTTTTACATCTTGAGTTTCTTCTTACTTTCTTACAGTACAGCATTTGATGCTGCTTAATTTCAAGTCT  
GTGGCTTTGCCAAAAATGTTAATTTCCATAAATGCTTTGTAGGTTTGGTTAAAAAGAGATTCACTTGGG  
AAAACAGTGCACCTTTAGTCTATGTCTATCTTGTATGAGTATGTAAAAGTAAATGCATGTGAATTT

ATTATATTTGCACTATAAAGGTATTTGATTAAATGG

>GBEQ2387 |Acc|CD466581|Ver|CD466581.1 GI:31387849|LeukoN2\_7\_B08.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B08\_A024 3', mRNA sequence.:Start:1:Stop:683

GGCCTGGAGGACGGGTCTGCAGTTACAAGACTTCAGCGAGTCCCGGAACAATCGGTTCTCCACTCCGG  
AGCAGGCCGCAAGAACCGCATCCAGCACCTTAGCAACGTGCTGCACTTCTTCAACGCCCTCTGGAGGT  
GACCGAGGAGAACTTCTTCGAGATCTGCGATGAGCTGGGAGTGAAGCGGCCATCTTCTGTGAAAGTGTTC  
TCAGGCAGAAAGTGAGCGCAGCTCCTCTGGGCTGCTGGAGTGGGAATCCAAGAGCGACGCCCTGGAGACTT  
TGGGCTTCTGAACCATACCAGATGAAGAACCCGAATGGTCCGTACCCCTTACACCTGAAGTTGTGTTT  
CTCCACTGCTCAGCATGCCTCCTAATGAGGTGCCGAAGAAGAGGCCCTTCTGAGCAGGAAAACGTTTCTC  
TTTCTTTATGCTGTTGGTTTGTGTTTGGTTCACAAGTTCCGTATTCCTTTTTTTTAAATGCTAGGTTA  
GTAGAGGCTTAACCATAATGAAAATGCTCGAGGTCTGGAGGGGGAGGGGAAGGGAAACATCTCCCAAGAT  
TAACGTTCACTTTTTAAAAATTATTGTACATGTGATTTTTTTTCCCTGTTTCATATGTTTGTGCTGCCCAT  
GTACTCTGACACATTTCAATAAATTTGTTGAAAATAAACATAGCACTTTCTTG

>GBEQ2388 |Acc|CD466560|Ver|CD466560.1 GI:31387828|LeukoN2\_7\_D02.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D02\_A024 3', mRNA sequence.:Start:1:Stop:598

CCAGATTTTAAAAAAGATCATAGTCTTAGGAGTTCATTTAAACCATAGGAACCTTTTCACTTATCTCATGT  
TAGCTGTACAGTCACTGATTAAGTAGAGCTACAAGTTGTATAGGCTTTATTGTTTATTGCTGGTTTATG  
ACCTTAATAAAGTGTAATTATGTATTACCAGCAGGGTGTTTTTTAACTGTGACTATTGTATAAAAAACAAAT  
CTTGATAACCAGAAGCACATGAAGTTTGCACCTCTCCACCCTGCCCATTTTGTAAACTGCAGTCATCT  
TGGACCTTTTAAACACAAATTTTAACTCAACCAAGCTGTGATAAGTGGAATGGTTACTGTTTATACTGT  
GGTATGTTTTTATTACAGCAGACAATGCTTTCTTTCCAGTCGTCTTTGAGAATAAAGGAAAAATCTT  
CAGATGCAATGGTTTTGTGTAGCATCTTGTCTATCATGTTTTGTAAATACTGGAGAAGCTTTGACCAATT  
TGACTTAGAGATGGAATGTAACCTTGTCTTACAAAAATTGCTATTAACTCCTGCTTAAGGTGTTCTAATT  
TTCTGTGAGCACACTAAAAGCGAAAAATAAATGTGAAT

>GBEQ2389 |Acc|CD466551|Ver|CD466551.1 GI:31387819|LeukoN2\_7\_H08.b2\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H08\_A024 3', mRNA sequence.:Start:1:Stop:546

CCAACAAGATTGGACGTTTTTGTGATCGAAGAGGTCCCTGGCGAGTTCATGCAGGAAGACCTGGCCACTGA  
TGACGTCATGCTCCTGGACACCTGGGACCAGGTCTTTGTTTGGGTTCGGAAGGATTCTCAAGACGAGGAA  
AAGACGGAAGCCTTGACCTTTGCTAAGCGGTATATCGACACAGACCCAGCTCATCGCGATAGGCGTACCC  
CCATCACCGTCGTGAAGCAAGGCTTTGAGCCTCCGTCTTCTGTTGGGCTGGTTCTCGGCTGGGATGACAG  
CTACTGGTCTGTGGATCCCTTGGACAGGGCCTTGGCTGAGCTGGCTGCCTGAGGAAGGGCAGGCCCCACC  
CCTGTCACTGGTCAGTGCCTTTTGAAGTGTCCATCCCTCAAACAGACCTTAACGGTGAGCAGGGCCACT  
TTGGTCTGTGTGTGGTTTTTTTTTTTATAGTAGCCAAAAACAACCCCTGCAAAAATTCAGGGTCCCTTGCA  
AAATTGTCTCAAGTCTTTGTGCTTTTGGAAATTGAATCAATAAAAGCTTTTTTGAA

>GBEQ2390 |Acc|CD466446|Ver|CD466446.1 GI:31387714|LeukoN2\_4\_F05.b1\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_F05\_A024 3', mRNA sequence.:Start:1:Stop:551

GAGGAACCTTAAGCCCCAGCCCATCATGAAAAAGGCACGGAAGATCCAGGTGCCAGAAGAGCAGAAGGATG  
AGAAGTATTGGAGCCGGCGGTACAAGAATAACGAGGCAGCCAAGCGGTCCCGAGACGCCCGCGGCTCAA  
GGAGAACCAGATATCTGTGCGGGCGGCCTTCTGGAGAAGGAGAACGCCCTGCTGCGGCAGGAGGTGGTG  
GCTGTGCGCCAGGAGCTGTCCCACTACCGTGCCGTGCTGTCCCGCTACCAGGCTCAGCACGGAGCCCTGT  
GAGGGCGCCCCCACCCTCACGGCGGAGCTCTCTCCGCCCACTCAGACTTGCGCCCTGACGCCCTCTT  
CCCTCCCGCCCTGTGGTCCACGGGCGGGCCTGAGTGGGTGCCCCAGGGACGTGATGATGCAGAGAAATAC  
ATTTATATTTTAAAGAAAAGCGAGCCTCCCCCTCCCTCGCGGGGGCGGGGAGGGTCCCTCAGTGTGTGC  
CCCCGGCACCTCGGGGACCCCATCTCCCAACCGCTCCGTAAACACGATCCTGAATAAATC

>GBEQ2391 |Acc|CD466277|Ver|CD466277.1 GI:31387545|LeukoN2\_3\_E06.b1\_A024 Unstimulated peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E06\_A024 3', mRNA sequence.:Start:1:Stop:520

CAATGAGGATTTCAAGTTGGACAAGCCAAGGTGATCCTGAAGAGCAAGGATGACCAGGTCACTGTGATT  
GGAGCCGGAGTGACCCATACACGAGGCCTTGGCTGCTGCCGATCTGCTAAAGAAAGAGAAGATCAACATTC  
GAGTGTGGACCCCTTACCATCAAGCCCTGGACAGGAAACTCATTCTCGACAGCGCCCGTCCACCAA  
GGGCAGGATCCTCACGGTGGAGGACCACTACTACGAAGGTGGCATAGGTGAGGCAGTGTCTCTGCAGTA  
GTGGGCGAACCTGGTGTCACTGTCAACCGCCTGGCTGTTGGCAAGGTACCAAGAAGTGGGAAGCCAGCTG  
AGCTGCTGAAGATGTTTGGCATTGACAAGGACGCCATTGCGCAAGCTGTGAGGGGCTCGTCACTAGGGC

CTAGGGAAGGGTATGGGATACAGGTGGGGTCTACACGTTCCAGAGAGATTCTGGCAGAGGTGCTCCAAG  
ATGTACTGAGAGGAGTAGTAAATATGTTTT  
>GBEQ2392 |Acc|CD466237|Ver|CD466237.1 GI:31387505|LeukoN2\_3\_F01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F01\_A024 3', mRNA  
sequence.:Start:1:Stop:525  
CAGACAGCTGCTCTCTGGACAGAGGTAGGTATAGTACAGTGCATAGATATTTCTTCTGGCACCAGGTATA  
GGAATTTATTCACATTAGGTGATGGTTCTCATTGAAATTTCTCTCTCTTTTCAGGTACGGCTATAGTTGTG  
TCATGCAGGGTAGCAGAGGGAGGAGAGAGGCTTTTTTGTGAGAGGCACACTCCATGTATAAAATAGTCTT  
TCTGTCTAGCTTCATGGTTGAAAGCATACTCTCCAGTACTGGTAAATGGACTCTTCTTAGAATTTGCG  
AGGTCCAGAGAATAATATATATCTATATAAGAGTTATGATTAGAAAAATATATTACTGCTGGTTGCTA  
TATTTGCAAACCTTACATGCTTATCATTCCAGTCTGTTATTTTGGGATAATGTATTCTAAGAATGTTCTA  
GACTTTGAGTGGCAAACCTAAGGAGATGACTTTATATTTTAAATATTAAAGAGTGCCTTGGATGTTAA  
GAAATGCATTAAGAAATACATAAAATATTCCAAAT  
>GBEQ2393 |Acc|CD466078|Ver|CD466078.1 GI:31387346|LeukoN2\_2\_H01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H01\_A024 3', mRNA  
sequence.:Start:1:Stop:333  
CCCACACATGCCCTCCTCCCCCTTCCCCAGTGCCCCCCCCAACCCCTGGGAGAGTTGTTGCCAGACTTGG  
GTTTTTGGGAAGCCTTAGTGTGCTGCGTGTACATTCAAACCTTTTCTTCCCGACCCGAACCTTCTGTTGACTAACCT  
GGCCTGGGTTTGCATAGGTCTGCAGGAGGAAGACAAAAAGTGGACGAAGATTGTGACATAGTGGGACTTT  
ATGATTTAACTTTTTTTCTTTTTTTTTTTTTTAAAGTGGGGAGGAAGGGGAAGCTAGATGGACTATGAGA  
GACTTGATTTTGGTGCTAAAGTTCCTCCAGTTCATATGTGACATCTTAAAAAAG  
>GBEQ2394 |Acc|CD465959|Ver|CD465959.1 GI:31387227|LeukoN2\_1\_A10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A10\_A024 3', mRNA  
sequence.:Start:1:Stop:399  
AGTAACTTTTTAGAGAAAANCTATTTAAANCTGTGAGATCCTGACCAGCACCCACCCAACCCCTTCCA  
GTGATTCGGTGCCTTCAGTGTGCTGCGTGTACACCCATCCCTCCGCTGGCTGCCCCCTGTGCGGGTG  
GCACCCCTGCCCTGCCCTCCACAGAATTGGGCTCCAAAGGNCCTGTTCCAGACAACCTGCCAACATCACTGAG  
GGCCCCGCCCCAGCGGCCCTGGGCCCTGGCTCCATTAACCCACATGTAGCTCCTTAGCGCTAACCTAGGA  
ACCGCTGCTGCTGCTGAGGGGCCATGCCCTCATGCCCTCGCCCCAGGCCCGGGTCTTCAGCGTTGAA  
CACTTCCTTGCTTTTTTACATGTTTTATGGAATTGTTACCTGGTTTG  
>GBEQ2395 |Acc|CD465944|Ver|CD465944.1 GI:31387212|LeukoN2\_1\_H08.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H08\_A024 3', mRNA  
sequence.:Start:1:Stop:690  
TGCTGCCAGTTGCCCATGCGTTTGCTGTGAGGACCGCCAGCACTGTTGCCAGCTGGGTACACCTGCA  
ATGTGAAGGCCAGATCCTGTGAGAAGGAGGTGGACTCTGCCAGCCTGCTGCCCGCCTGCCTGTTGGCCC  
TCACGTGGGTGTAGGGGACGTGCAGTGTGGGGAGGGGCACTTCTGCCACGACAACCAGACCTGCTGCCGA  
GCTAGCCAAGGGGGCTGGGCTGCTGTCCCTACAGCCAGGGTGTGTGTTGTGCGGATCAGCGTCACTGCT  
GTCTGTGGCTTCCGCTGCGCGGCCAAGGGCACCAAGTGTCTGCGCAGGGCAGCCCTGCGCTGGGACAC  
TCCTGTGAGGGCTCCAGCCCCGAGACAGCTGCTGAGGAGGGACTGAGGACTGAAGATACTGCAGCCCT  
CGGGACTCTGCTCAGAGGGTGCCCACTGCTCAGGCTCCCCAGCACCTCTCCCCTACCAGATTCTCCTGG  
ACCCCTCCATTCTGAGTCTCCCTTCACTGTGGGAGGTGCGGCCCTCAATCTAAGGCCTTCCCTATCAGAA  
GGGGGGCTGTGGTGAAAGCCAGTAACAAGCTGCCATACCTCCCCAATTTCTGTGGACCCCTGTGGCCA  
GGTGCTCTCCCTATCCACAGGAGTGTGTGTATGTGTATGTATGTGCTGCAATAAAGT  
>GBEQ2396 |Acc|CD465942|Ver|CD465942.1 GI:31387210|LeukoN2\_1\_H01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H01\_A024 3', mRNA  
sequence.:Start:1:Stop:667  
CAGGAAGTGTGGGAGTCTGCGGTATGCAGATGATCTACAAGTCTGTGAAGCTGCCAGTGATCAAAGTC  
CGCAGCATGCTGCTGGAGACCCCGGAGGGCGGGTCCAGGCCAAGAAGTGGTCCCACGTGCCCTTCCCGG  
TACCTGACTTCAACTACCTGCAGCACTGTGCCAGAGCCTGTGCGACCTCTCCCTGGACTGACCACTTGT  
TCGCTGCAGTGTCTCAGCTCAGGCTGCAGGGGGCGGGAGAGTCCGCAGCAGCCACCATCTTCCCCTGGGCA  
AAGCCTGGGTCCAGGCCCCCTCCTGCCTGAGTCAACAGTGGGGGCAACATGCTGACCAAGTACAGAGGAA  
CCCTGGGCGCCAGGCGGGCTTGGGCCCCACCTGGTGAAGCACATCTCAGCCCCAGACCCCACTCACA  
CCACACAGACCCCTTCTACGCACTGGATGGAGGGGAGACTGAGGCAGGAGAATGGCCACACTGTACTAG  
GAATCACCAGTTCTCTCGGCCCTCGATATTTCTTCCCTGCGAAGGCCACTTCTATTTTTTGGGGCTCC  
CCATAAATTAAGTAAGAAATGGGAATTTGGTGTAGACAACATGTGGTATTTGAAAAACAGATTTGTT  
GAGGTATAATTGACATAAAATAAACTGTACATAAATA  
>GBEQ2397 |Acc|CD465932|Ver|CD465932.1 GI:31387200|LeukoN2\_1\_F12.b1\_A024 Unstimulated

peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_F12\_A024 3', mRNA  
sequence.:Start:1:Stop:718

ATAAGGAAATGTCTTGTAGCTAATACATTTTTCACCTTACAGTCAGAATCCATTTTTTTTATAGAGAAAG  
ACTTTTACTAGATAACTTTATCTGTATTGCCATTTTTTAAAATTTGGAGAGTGTAAGTGTTATCTGTGACG  
CTTTTCTGCAACAGACTATTTACTCAGTTTCATTAACCTTCTCTTGGTTCTCAATGTTAATTATATAGT  
CATTTTAAATGGCTTCCTTTGTAACTTTTGCAAATTTTCCATATCCCTTCAGCTTGTGAAAGTAAGGATTA  
GGTAAAGTCTGCTTATTGCTGGGTTCACTGGTAGGATTACCTCATGATTCTTGTACAGAATGACTA  
GATTTGCCTCTTCATATTTTGAAGATTCAATATTAAGATTACACACACCTAGTCTTGTGCTGTGCATTT  
TATTCCTTTGTAAGAAAATTACTCCGTAAGTGAAGTCAATCTGTTGTTTTTTTACCATTCTGCA  
GATTTTATCTTAGCCACATATAATCCCCCTAGTTTGTGTCATCTAACTTAATGAACATGTTCTCTAT  
TCCATAAGCCAGGTGATTGGTGAAGAACTAAACAACCTGAGCCAGGGCCAACCCCTCGGAACACCAC  
TACTTTACCCAGGCACACAGGTCATCTTCTGGATCATCCCATCTGTTTCCCGTTCAAGTTCAAAAAAG  
AAATAATGTATTAATAAT

>GBEQ2398 |Acc|CD465869|Ver|CD465869.1 GI:31387137|LeukoN1\_8\_D05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:587

ATTGAGAGAATTGTGCTCAGAATTCCAGAGGTCCAGTATGTAAATAGGCCCTTTCCAGACTCGGAGCATG  
AAGCCCGTCACTCCTTCCAGTATGTGGCTGGTTCTCTGGGCACAGAACCACACCCTCCTCTGTCTAGT  
CCATGGTGTGGCTGCAGGTACATAGAAGAATAGAAGACCCTATATCAAGGATATACAACATGTACTGG  
GGCTTTGGGGAGGGGGAGAAAAAAGGGAAAGATTGGCAACAGATGTAGCTCAGGGTGAATCTTTCCAG  
CAAAAAAAAAAAGGGATCAAAAAAAAAAATTTGTTTTAATGTTAATAGCTTTATTAACATCTAATTTA  
CATACTATTAATTCATCCACTTTATATGTACAGTTCAATGAGTTTAGTAAATTTATAGAGTTGTGCAAA  
CAACTCACAATCCAGATTGGAATATTTCTATCACTCCAAAACTCCCTTATGCAGCTTGAATCAATCC  
TTACTCCACCCAGCCTTCAGCAACCTGTGATCCATTTTCTGTCTCTATAGTCTTACTTTTCCAGACAT  
TTCATATAAATGGAATCATACGACATG

>GBEQ2399 |Acc|CD465851|Ver|CD465851.1 GI:31387119|LeukoN1\_8\_H03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_H03\_A023 3', mRNA  
sequence.:Start:1:Stop:676

CCTGTGAGCAGGGCTGCCCTGGCCAGCGTGGGAGTCCCTGACTCAGTCCCTACGGAACCCCGCACCTCCATT  
CATCTGTCAGGCCCACTAATAACAACGGCCACACGTGTCTGCACCTAGCCTCTATCCACGGCTACCTGGGC  
ATCGTGGAGCTTCTGGTGTCTTGGGTGCTGATGTCAATGCTCAGGTGAGCGCTTCATGCCCTCCAGGTGG  
AGTGCATCCGGCTCCTCAATAAGACTTCACGTGCTCTCGTTGCAAGCAGAAATTCCAAACTCATCCGTAA  
ACATCCCAAAATGCCTTTCTGTTTTAGGAGCCCTGTAATGGCCGAAGTGCCTCCATCTCGCTGTGGACCT  
GCAGAACTCTGACCTGGTGTGCTCTTGTGAAATGTGGGGCTGACGTCAACAGAGTCACTTACCAGGGC  
TACTCCCCGTACCAGCTTACCTGGGGCCGCCGAGCACCAGGATACAGCAGCAGCTGGGGCCAGCTGACCC  
TAGAAAACCTTCAGATGCTGCCAGAGAGCGAGGATGAGGAGAGCTATGACACGGAGTCAGAGTTCACGGA  
GGACGAGCTGCCCTATGATGACTGTGTGCTTGGAGGACAGCGCCTGACGCTATGAGCTTCGGAAAGTGTC  
TCAAAGAACATGGACTGTAGATTTTACAAAAAGAGAGTTTTATTT

>GBEQ2400 |Acc|CD465845|Ver|CD465845.1 GI:31387113|LeukoN1\_8\_B12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B12\_A023 3', mRNA  
sequence.:Start:1:Stop:564

AAAAAATGTAATTTTTTCTGATAGCGTTTTGAGGATTATATAAGATACATTTTAAATGCTTTTATGAAG  
ACTTGTTAAGCCACTTAACCTGGGGTGCTGGTGTAGAAATATTCTTAAGTAGGTTCTACTGAGGGAAGCT  
ACATATGGGCATGTGCTGCCAGCAACTTCTCTGTTTAAATGGTATGAAAAAAGTAGGATGACTGGGAAAA  
GCCAGACACACACACACACACGACGACGAGGCTGGCAGTATACATTATTCTCTAGGGGTGGGAGA  
AAGTAGTTTTCTTTAAGGGACTGTATGTAATAAAAAAGAAAAATCTACAATTTACAATAATGAGAAATTAC  
ACATAAAATAAAAACTTACGTACTACATTTTCTGGAGAACACACGGATTTAATATGCAGAGATATGAGAT  
ATGGTTGCTGGCTTGTGCATTATCAAAAGTAATTCTTTCTCTGCTATTAACTGGCTAGAAGTCAGTCAGC  
TCAGCTTTCCAACGCGCTCAAACATTTTGTAAAGTCATGTTTATACATATTTTATGCTTTTACTGTATATG  
TAAC

>GBEQ2401 |Acc|CD465749|Ver|CD465749.1 GI:31387017|LeukoN1\_7\_H07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H07\_A023 3', mRNA  
sequence.:Start:1:Stop:547

AGTGCAGGAAGTTGAACAGAACTAGGTAGCTATGGAATTGGTTGATAAATGTTGATCTAGTAGCATATTT  
TAGCTCATTTTCTTATATATAAAAAAGTCTGCATGACTGTGTTTTATTTTCTTTGTAATTCACATTTCAA  
AGATAATGTTATTAGTATATGAGTGCCAAGATTGAATATGGAGTAAAAAAGAAAAAAGTAAAGTGTAGTG  
TTACAGTTTTAAGTATATCTGTGTGGTGGTACAGCCATAATAAAGATTTATAGACTCTGTACACATGA



GATTTTGTGCAGAGAATTTTAACTTTATAAACTGTATATGAAATGTAAATCTTTAAAAAGTGACATA  
AAAATACTGTATTTTTTTACCGTGTGTGATAGTCTAGTCATTGCATGTAAATATAATTTATTGTGTATTC  
TGTATTATAAATCATATATTGATGACTTACTTTTTTCTACTGGTAAAGTCAACATCCATTGGATGTTTTCT  
GAAGTGGATCTTTTTGAAGTAATAATAGATTACAACCTCAAATAAAAAATTTTGATGA  
>GBEQ2402 |Acc|CD465744|Ver|CD465744.1 GI:31387012|LeukoN1\_7\_F02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F02\_A023 3', mRNA  
sequence.:Start:1:Stop:545  
GGGGCAGAATGGAACAGTCCCAAGAATGTAGATATTGATTCACTCTCCTTAAATGTTTATCTACTTATAG  
TATGTTTCATCCTAGTTATTTTTGTTTTCTTTTTCCCTTTGGATCTTGATTGATGACTACCATTATATTT  
TTGCTTCGATGTGTTTCTAAATATAGTTGCACACGGTTCTGTAAAAATGCTGCTATCAAGTATGCAAAT  
ATTGAAGTATGATGGTTTGAAGTGTATGGCAGTGTGTAGCAGCCTCTGGTTTTCTCCCTCCCTCTTTTTT  
TTAATCTTAAAAAGTCACTTTTTATTTTTCTTCAGTCTTCAATGATGAGAGCAATATGAAGAAGACATTG  
CTATCTAATTTTTAACTTTTTTAAATAAAAAATTCCTATGTTTCAGTAGCATGGTTGATGCTATTGTTTAG  
CCTTCCCTCCAACTGTATACATTGGCTTGAATGTTTCAAACTTGCCTGTGTGTGGCAGCAGAAGATAAT  
TCCCGTATTCTACATTGCTACTGTTTTGTATAAAAATAAATTGGTAAAGATTGACA  
>GBEQ2403 |Acc|CD465736|Ver|CD465736.1 GI:31387004|LeukoN1\_7\_H05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_H05\_A023 3', mRNA  
sequence.:Start:1:Stop:489  
CTTTCGTTTTCTGTTTTTCATCTTCTATCGGGAACTCTGGGCTTTGTGTTCAGCCTAAGGGAGTGTTTACA  
GAAGGTTAGTCGTGAATGGGGAGTGGGGCCACGGGGTCAGGGGCCCATTTAGCCCAGACTGAGAGGCAAT  
GATTCTCCTCAAGAGGAACAGAATTCCTGCCTGGCCCCGCCGCATCCCTGCAGCCTCCAGAGAGGGGAGC  
AGCGCTGTGGTCCCCGGGCCGTTTGAGGCTCGCCCCCTTTGCTGTCCACCCAGCTTCACTGGTGCGGCTGC  
CATAGTGCCCCGAGAGGACAGATCAGGAGGGAGCCTGAGTCTCCGCGGGCTCCCTGGGTCTGGGGGAGG  
GTCTGCGTCTGCCCCGTTTGTCTCTCCAGTGTCTACTAACGACCCACATTTGCTAGTGTAATAATAGT  
AAATTATTGAGAATCCTAATCTTTTTACACAGCCGGTTTTTTAATCTATTTTAAATAAAATATAT  
>GBEQ2404 |Acc|CD465725|Ver|CD465725.1 GI:31386993|LeukoN1\_7\_D03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:581  
ATTTATATTCACTGCCCAATTCAAGAAATGTTGGCGCCTTGCTATAATGTGAAATCTTAGAGCCATGGA  
CCTCTTCCAACCAGATTTCTGAAACCACAGAGGAACCATGGTTCTGGCTCATGTATAACGTGGTCTGT  
GACGTGGATATCAAGACCACAAATTATATAGTGAGGCTACAATTGTATTGATCTGTCTTGGCTTTGCA  
ATGTAATTTAGAAAGCAGGTATAGTAGTTGTCTGTTTGTGTTGTTGTTAACTACATACAATCTCTTATG  
TGTGATTTGAGACTTAACAGTTTTGGGAGGGGGCATAGAGATAGGAGTGCCCGCAGCTGAGGCATGGCT  
TCCTCATTTGACCTTACCTGTTGCCTGACTCGACAGATGTGCCCTGATTTCTGGCCTCTTGGCCATAG  
TACTGTGCCTAATCAACGTGATGGGTTATTTTCCCATTCACGAACTAAAAATGTTTATAACAAGATGA  
ATTGTAGACTCGTAACATTTGATGCTTTTAAATGTTTGCTTCTTTTAAACAAAAACTAAAAACCAAAAG  
TGAATTTTGAGGTGGATTTTT  
>GBEQ2405 |Acc|CD465651|Ver|CD465651.1 GI:31386919|LeukoN1\_6\_H11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H11\_A023 3', mRNA  
sequence.:Start:1:Stop:524  
TCCAGAAAGAACTCCATCTGGGTCAAGAAGAAGTCTAGCCGCAACATATTCAGCATCATGTTTGTATTTG  
TTGCTGTTTTTGTGCTTAGCACATTGCCAGAATCCCCTACACGCAGAGCCAAACAGAAGCTCATTACAG  
CTGCTGGTTCGAAAGAAATCTTGACACAGTGAAGAATTCACTCTGCTCCTGTGCGGCTGCAAACGTCTGC  
CTGGACCCCGTTATTTACTTCTTTCTCTGCCAGCCATTTAGAGAAATCTTATGTAAGAACTGCACGTCC  
CATTAAGCTCAGCAGGACTCAGACGCTTGCAAAAACCAAAACGGGAAACACAACGCAGGAAAGCACAGA  
TATTCTATTGACCTCCACCTCCTTGCAAAATGAAGCCTGCAGATGCATACTGTAATCTGTAACCTACAGGCT  
AAGAGGGAGGAGTGAGCAACGTGCCCACGATGAGCAGTGTCTGTAAGCATTACTGTCCAATTTAGTA  
CAAAAATAAAAGGTACGTTTCCAGTTTTTTCAGT  
>GBEQ2406 |Acc|CD465650|Ver|CD465650.1 GI:31386918|LeukoN1\_6\_D03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:505  
CTTTCAGTTTCTAGAGTTTGGAAACAAAATGGTTTCATTTTTGTTTATCTTAAAGTGGAGCTTAAAGT  
AGTATGTAATTAGGACACACTCAGATTTGTTGAAAGCATTTTTGACATTTGTATAAAAGAATTTGTGATA  
AAGTTAATATATCCAGGTGCTCACCAGAAAGCATGTAACAATAAAATAGATTTTTTTTTTGTAACTAA  
TCTGTTTACTCATTTCTCATTGTAATCGGTAGAAGAGACTGTCTAGATGTTGGAGCAGCTCTGTGA  
TTTGAGTCTGTAACATGTAATAACTGAATTCAGTACCCTAGTTTTATGTTAAGCTATTAGGATTTTCTCG  
ATAAAAGTTCCTCCTACCTCCCCAGCCTACCTATATTCTTTCATGACTTCTGGATCCCGGGCTCCCTGT

961



>GBEQ2412 |Acc|CD464201|Ver|CD464201.1 GI:31385469|LeukoN4\_2\_H08.b1 A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_H08\_A026 3', mRNA sequence.:Start:1:Stop:590  
 CAGGGCAGCCCCCGGCCCTGACTCAGGTGGGCTCCCATGTTGTACACGCTTACACGAGCCTGCACCTTGT  
 CTCTCATCGCACAGATCATACCTTGTTCATCATCAGATGATTTACTTAATATCCATCTCTCAAATTAAACA  
 GTGAACTCCATGAGGGTAGGGACCATACCTGTCTTGTTCACCTTGGGATCCCTGGTGATACCACAGAGCC  
 AGACACTAGTAGGTGCTGGAACAATTGCATTGAATTAGTGAGGGAGCCTGCAGGAAGACAGAGAAAAGAG  
 TTTGGCTGGGCGGTGGCATCCCCATCCTTCAAGGCTCAGTCTTCCAGGCTCCTGGCCCCCTCCTGCCA  
 CAGCCCCACCAGGACTGCATCACAGCCCCCGTGGTTCCTACTGTGAGACTGTGAGCTCAAAGCTGAGGA  
 CCATGTCTGTTTCACTGGCTCCCCAGTGCCAAGCACAGTGCCTGCGTATATTTCATCCCATAGTGTGAAA  
 TTCAGTCCAATTTTGTGATGTTTTTCATGCTTGGTGTAACATTCCAGCCTGGCTCAATTAAATCAGCATTT  
 CCTTCTCAACCTTCAAAAATAGGAATAGG

>GBEQ2413 |Acc|BM781389|Ver|BM781389.1 GI:19129621|MLN1\_8\_G06.g1 A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:599  
 ACGAGGCCTCATCCCCACGAGAGCGGCTTCGTCAATGCCATCCGGCAGGTCAACACCACCGCAAA  
 CAGGCAGTGGGACCTGGTGGCGTTGCCGGCCGGTCCAGATCGTCAACAACAAGTTCCTGGCTTGGAGTG  
 GAGTCATGGAGTGGCAGGAGCCAGACCTGAGCCCCACAGTCGGTCCGAAGAGGTGGCTGCCGTGCGACGT  
 CTACGTGAACCAAGGGGAGATCCTGAGGACTGAGCAGTGGCGAGGAAGCTGTACATGCAGCTCATCCCA  
 CAGCAGCTGCTGACCAACCTGGTGCCGCTGTTCCGGAACTCGCGCCTGGTGCAGTTCCACTTCACCAAGG  
 ACCTGGAGACACTCAAGAGCCTGTGCCGATCATGGACAACGGCTTTGCGGGCTGCGTGCATTTCTCCTA  
 CAAGGCGGCGTGCGAGGTGCGCGTGCCTCATGCTGCTTACTCGTCCGAGAAGAAGATCTTCATCGGCCTC  
 ATCCCCACGACGAGGACCTTCGTGAGCGGCATCCGGCGTGTTCATCGCCAACCAGCAGCAGGTCTGCG  
 AGCGGAACCTGGAGCAGGAGCAGCAGCAGCGAGGGA

>GBEQ2414 |Acc|BM781385|Ver|BM781385.1 GI:19129617|MLN1\_8\_H07.g1 A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:647  
 CAAAAATTCAACACAAAGTCAAACCTAGGAGGAACATTTTGAAGCGCAAACATGAAAATCAGCAGAAGCAGT  
 ATGTATGCACTTTTGAAGGTTGTGAGAAGACCTTTAGGAAGCATCAGCAGTGAAAAATCCATCAGTGCCA  
 GCACACCAACGAACCGCTGTTTAAAGTGTACCCATGAAGGATGTGGAAGCACTTCGCTTCTCCAGCGGG  
 CTCAAACGGCAGGGAAGGTCCATGAGGGTTATATATGTCAAAGAAGATGTTCTTTGTGGCAAAAACAT  
 GGACAGACCTTCTGAAACATGTGAGAGAAGCCCATCAAGAGGAGATAAGATGTGAAGTATGCCAGAAAAC  
 ATTTAAACGCAAGATTATCTGAAGCAACATATGAAAACCTCATGCCCCAGAGAGGGATGTGTGTGATGT  
 CCAAGAGAAGGCTGTGATAGAACCTACACAACTGTGTTTAACTCTCCAGAGCCATATTCTCTCTTTTCATG  
 AGGAAAGGCGCCGTTTACATGTGAACATGCTGGCTGTGGCAAGACGTTTGCAATGAAGCAAAGTCTCAC  
 TAGGCATGCCGTTGTGCATGACCCTGACAAGAAGAAAATGAAGCTCAAAGTAAACCTTCTCGTGAAAAG  
 CGGAGTTTG

>GBEQ2415 |Acc|BM781212|Ver|BM781212.1 GI:19129444|MLN1\_5\_G09.g1 A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:588  
 ACGAGCTAAAAACGTAGGTGAGCCCGTCACTATACTCTTCTCCACAGTTCCTGCTTTGGGGTTATGG  
 TTGGGGTTATTTTTTGTGTTGTTGTTGTTTATTTGTTATTTTAAAGTAAATTCAGCTTTTAAAAAATA  
 ATTGGTTAACTTAATATATTTGCTTTTTTTTTTTTCTCACCTGCACCTCAAGGAAATTTGAACAAGTTGG  
 AAAAAAATTTTTTTTCAATTCTAAGAAACACTTGCAGCTCCTCAGGATTCAGTTGAGTCTTCTCTGT  
 TTTTCTGTACTGGTCATGGTCATTTTCGGTTTTTGGATTGTTCTTAAACACAACCTTAAAGCTGAAGAT  
 TTCCGCAAGGCTGTGTAAGCATGTTTCCCTGTGGGCTTGCTCTGTGTGTCTGTTCAATGAATGTCATATGT  
 AAATGCTAAATAAATTGACAGTGTCTCAGAACTGAGTAACTGCAGTGAAGTCTCTCAACAGCGT  
 AGGATTCAATAATAGATGGTTTTTAATCCTTGGAAATGTGATTGTGACCCATGAGTGGAGGAACCTTCAG  
 TGCAAAAGCTGATAATGTGTGTAGC

>GBEQ2416 |Acc|BM781026|Ver|BM781026.1 GI:19129258|MLN1\_3\_B08.g1 A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:58:Stop:664  
 GGGAAATGCAAATGAAAACACAGTGAGAGGCCACACCCACGAGGACGGCTGTGATCAAAAGGATAATA  
 ACAAGTGTGACAAGAACGTGGAGAAATTGAAACCTCACACACTGCTGGTGGGAATGTAAATGGAGCA  
 GCCACTTTGAAAATCAGTTTGGCAGTTTCTTAAACACTTACAGTTACCATATGACCCAGCAATTCCACTT  
 ACAGGTATATACTCGAGAGAAATGAAAACATATGTGCACACAAAACCTTGTACACAGATGCTCATAAGTA  
 TTATTCTAGTAGCCAAAAGTGGAAACAACCCAAATATCCATCAACTGATGAGTGGATAGACAAAATGT  
 GGTATATCCATGCAATGGAATACTATTCACTCATGAAAAGGAATGAAGTCTGGCACGTTCTACAACATG  
 TATGAACACTGAAAACATTACGCTAAGGGAAGAAAGCCAGATGCAGAGGACCAATTTTAGGATTCCATT  
 TATATGAAACGTCCAGAATAGATAACCATAGGGACAGAAAGTAGATTTCATGGTTTCCAGAAGCTAGGAGG  
 AGGGAAGAATGGAAAATGGCTGCTTGTGGGTCCAGGACTTATTTGGG

>GBEQ2417 |Acc|BM781022|Ver|BM781022.1 GI:19129254|MLN1\_3\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:74:Stop:666  
GAAGGAGTCCGTGTGGAAGGAGACTGAAAGGCCCCAGGTCTCATGGCGGTCCGAGCGTCGTTTCGAGAAC  
AACTGTGAGATCGGCTGCTTTGCGAAACTCACCACACCTACTGCCTGGTGGCCATTGGAGGGTCCGAGA  
ACTTCTACAGTGTGTTTCGAGGGCGAACTCGCCGATACCATCCCCGTGGTGCACGCGTCGATCGCTGGCTG  
CCGCATCATCGGGCGCATGTGTGTGGGGAACAGGCATGGTCTCCTGGTGCCCAACAACACCACTGACCAG  
GAGCTACAACACATTTCGAACTGCCTCCCAGACTCAGTGCAGATTTCGGCGAGTGGAGGAGCGGCTCTCCG  
CCCTGGGCAATGTCAACACCTGCAACGACTATGTGGCCTTGGTCCACCCAGACCTAGACAGGGAGACAGA  
GGAAATCCTGGCTGATGTGCTCAAGGTGGAAGTCTTCAGACAGACAGTGGCTGACCAGGTGCTAGTAGGG  
AGCTACTGTGTCTTCAGCAATCAGGGAGGGCTGGTACATCCCAAGACTTCAATTGAAGACCAGGATGAGC  
TGTCTTCTCTTCTTCAGGTCCCCTTGTGGCGG

>GBEQ2418 |Acc|BM781007|Ver|BM781007.1 GI:19129239|MLN1\_3\_D08.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:641  
GTGATAATTGGAGACCTGATATAGCTTTCCCCGATAAACAACATAAGCTTCTGATTACTTCCCCCAT  
CATTCCTACTTCTTCTCGCTTCTCAATAATTGAAGCAGGTGCCGGAACAGGCTGAACCGTATATCCTCC  
TCTAGCTGGAATCTGGCGCATGCAAGGAGCCTCTGTGACTTAACCATTTCTCTCTCCACCTAGCTGGG  
GTGTCTTCGATTTTAGGTGCCATCACTTTATTACCACAATCATTAAACATAAAACCAGCTCTATCCC  
AATATCAAACCCCTATTCTTGTATCTGTCTTATTACGGCAGTACTCCTTCTCCTAGCCCTCCCGGT  
CCTAGCAGCAGGCATTACCATGCTTCTCACAGACCGTAACCTAAACACTACTTTCTTCGACCCCGCAGGA  
GGAGGGGATCCAATCCTTTATCAACACCTATTCTGATTCTTCGGGCACCCCGAAGTCTATATCTTATCC  
TACCAGGCTTCGGTATAATCTCACACATCGTCACATACTACTCAGGTAAAAAGGAACCTTTTGGCTACAT  
GGGTATAGTGTGAGCTATAATATCCATTGGCTTTCTAGGCTTCATCGTATGGGCTCACACATGTTTACA  
GTAN

>GBEQ2419 |Acc|BM780986|Ver|BM780986.1 GI:19129218|MLN1\_2\_C04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:37:Stop:639  
GTGTTTTTTTTCCCCCTTGATAAGCTTCGCTAATATTTTAAACAGTCCTGTAAAAAACAAAAAGGACTTT  
TTGTATAGAAAGCACTACCCTAAGCCATGAAGAATCCGTGCTTTTGCTAACCAAGATAACTGTTTTCTCT  
TTGTAGAAGTTTGTGTTTTGAAATGTGTATTTCTAATTATATAAAATATTAAGAATCTTTTAAAAAATCT  
GTGAAATTAACATGCTTGTGTATAGCTTTCTAATATATATAATATTATGGTAATAGCAGAAGTTTGTGTA  
TCTTAATAGTGGGAGGGGGGTATATTTGTGCAGTTGCACATTTGAGTAACATTTTCTTTCTGTTTTCTT  
TTACTCTGCATACATTTTATAAGTTCAAGGTCAGCTCTCAAAGGATAACCTGTGGGATTAGAACATATC  
ACATTGCGACACCCTAAATTGTTTTTAATACATTTCGTAATCTATTGGGTCAACTGACATCCATTGTATAT  
ACTGATTAGTTTCTTTCACGTTCCCTTTTGTGTTTTTGTGCAATTTATCAAATGCAGGGCCCCCTTTC  
TGATATACCAATTTACCATGCTATCTTGAATTTAGTAAGTGC

>GBEQ2420 |Acc|BM780935|Ver|BM780935.1 GI:19129167|MLN1\_1\_B05.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:84:Stop:454  
ACACAGGATTTGAGAAAGAAAGAAAGGAAAATCGAAAGCTACAACCTGGAACCTCAACCAAGAAAGAGAGA  
AATTCACCCAGATGGTGGTGAAACATCAGAAGGAAGTGAACGACATGCAAGCGCAATTGTTAGAAGAATG  
TACACACAGGAATGAGCTTCAGATGCAGTTGGCTAGCAAAGAGAGTGACATTGAGCAATTGCGTGCTAAA  
CTCTTGACCTTTTCGGATTCTACAAGTGTGCAAGTTTTCTAGTGCTGATGANACTGATGGAAACCTTC  
CAGAGTCAAGAATCGAAGGTTGGCTCTCAATACCAATAGAGGAAATATCANACGATATGGCTGGAAGAA  
ACAGTATGTTGTGTGAGCAG

>GBEQ2421 |Acc|BM780911|Ver|BM780911.1 GI:19129143|MLN1\_1\_D11.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:42:Stop:363  
GAAGAAATCAGAGAATCGCTTTTCTAGACCTCTGCCTATACTTATATAAAAATGATTTCATCTGTTGCAT  
GAAATAGAGGCATGAATAAAAAATCAGCTTATTATGTTCTACTTATTTAAGACTACTCTGCCTCTGAAAAG  
CAGTAGCAAAAAGTAGAGGGAGGATAAATTTAGAAAAATAAACACGGGTTTAGAAATATTATTCAAATG  
ATCTTTGTGGGAGATTCAATATTAGGAATTCACAGACAGATAAGAAATTTGGAATATGGAAATTACTAAG  
AACACTGGAGAGAGGTCCTCATCGCTCTCTCGTGTCTTGTGT

>GBEQ2422 |Acc|BM780883|Ver|BM780883.1 GI:19129115|MLN1\_1\_H02.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:38:Stop:499  
TGACGCTGAAATTAAGCTGACCATGGCACAGCTGAAAATTTCCCAAGGTAATATTTCCAAAGCATGTCTA  
ATATTGAGAAGCATAGAGGAGTTAAAGCATAAACACGGCATGGTGTCTGCGTTAGTGACCATGTACAGCC  
ATGAGGAAGATATTGATAGTGCATTGAGGTCTTCCACACAAGCTATCCAGTGGTATCAAAACCATCAGCC  
TAAATCTCCTGCTCATTTGTCTTGGTAAGAGAAGCTGCAAACCTCAAACCTCAAATATGGACGGAAGAAG  
GAGGCAATTAGTGACCTAGAGCAGCTATGGAAACAAAATCCAAAAGATATTACACCCCTGGCGCAGCTTA  
TTTCTGCATACTCGCTTGTGGATCCTGAGAAAGCAAAGCTCTTAGTAAACACTTGCCCTCGTCAGATAG

CATGTCCCTAAAAGTAGATGTTGAGGCTCTTGAAAATCTGCT  
>GBEQ2423 |Acc|BM780854|Ver|BM780854.1 GI:19129086|APL1\_9\_G03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:18:Stop:600  
GACCTGGTATGAAAGTCTTGGACTCGGGGGCTGGGATCAGTGGAAGCAGCCTGGGGTCTGGAAGAGGCT  
AGAGGGAGGGAGGGGGTTCCCTGGAGGGATTTTTCACAAGCCCTCTCCTTTCCAGCTGAGCAGTGGCGTGG  
ACAGATATATCTCTAAGTATGAGTTGAACAAGGCCCTTCTCCAACAAGAACCCTCATCATCTACCTGGA  
CAAGGTAAAGCTTCCATTAGGACCTTGACCCCTATCTGGCTGGTCTTCCCTTCTACACTGGGCTTTGTCT  
GTGGGTGAAGCCGGCCCCAAGCTAGAAGACAGGGTCACTGCTTCTGGGTGGTAGAGGAAGGAACATATAA  
AACAAGATGGTCACCCAGGTCAGGAAGATGGTCAACCAAGTCAATGAGATGGTCAACCTAGGTCAATAA  
GGTGGTCAACCCAGATCAATAAGGTGGTCAACCCAGGTCAACACACCTCCTCTAAGCATCTCACCTTCTG  
ACCACATGATGTTGCAACCTCATTTTCACACCTGCTTCTCCAACCTTATTCTCATCACAGGCTTAAACAACC  
ACTGAAAAGAGCCACTTTGGTTC  
>GBEQ2424 |Acc|BM780841|Ver|BM780841.1 GI:19129073|APL1\_9\_H05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:19:Stop:532  
TTACAGAGTGAATTTGTATTTAAACAAAATTTAAATTTTGGAAATCCTCTAAACGTTTTTGTATCTTTAA  
TTGGTTTATTATTAATAAATCATGTAAAAATTTCTCAAAAAAAAAAAAAAAAAAACTCGCCTCGTGCCGA  
ATTTCGGCAGAGGGCCATCTCGAAGCCAGTTGAGAAGAAGCCTGGGAACGTCCAGTGCCCTCTGGCCAA  
TGTCTGATGCTTGACCCCCCAATCACTGTGAGACAGATGGCCAGTGCCAGGGTCACTCAAGTCTGCA  
CAGGCATGTGTGGGAAAGCCTGCATTTCCCTGTGAAAGCCTGATTTCCGAGTTTGGAAAAGGCTCTGG  
ATCCTCTGTGTGGTCTTGGAAATCCCTTTCTGCTCCAGGCTTGGATCCCTGGGGGACTTCATGGTGAAG  
ATGTGGTTCTACCATCAATACCTCCTTTGGGGAAAGCTTGGCACACAGCAGGCTTTCAGGAAATGCCTGT  
TGATTGGTGAATAAATAAGTGAGC  
>GBEQ2425 |Acc|BM780813|Ver|BM780813.1 GI:19129045|APL1\_9\_B10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:108:Stop:602  
TGAGCTGCACATCCTCTGTTCCAGTGTTCCTCATGATCTCCACGGGTCTTTGTGAAAATGCCAAATGG  
AAGCCTTGGTGGCCTGCTCCCCAATTAATTCAGCTTGGGCTCCCTTTCTTTGTGGTTCCAGTATAACAA  
TTTGAATGCAGCTTCCATGACTGTAAGACGGCTGAGGAGAGAAACCTACCAGCCCGTTTAAAGATGTGGG  
GACTCGTGTAAGAGGTACCCATGTCTCGCTTTTAGTCGTTTCAGATCAGTGAGTTCTTTGGAAGAAAAGC  
CAAGCCCAAGATTTGGTGCAGATCTTAACGTCTTGGGATTTGATGGGTGGATGCCTTTGGCCTGGGCCC  
TGGGCTCGTGCAGCGGGAGCCCCGACTGCCGAGCTGGGTCTGTGAGGGCCATGGACTATTCTGTCTGTGGT  
TTGGCTTTTGTATATGATTAAAAATTATTTTTTATTCTTTTTTCTACTATGTCTTAAACACTGATTATTGG  
TAATC  
>GBEQ2426 |Acc|BM780784|Ver|BM780784.1 GI:19129016|APL1\_9\_D12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:52:Stop:644  
CGTGCTGCTGACTTACCACCAAGAGACAGGACCCCTGCTGCCAGCCTGCCGGGGTGTGTTCTTT  
CAGGCGCTGGCTTCTTGGTCAGGGATGGTCTTGGTGGGGCTATTGGGGCAGCGCAGAGTGTGAGCTCTCC  
TCATGTCAGAAGTGTAAGTGGGAAGGGAGGTTTGGTTTGGTTTGTCTCTCAGAGACATTAAACACTAGTT  
CAGTTTTGAGATTTATTTTAAAAATTGTAAGTAGTTCTGCCTGGGGTCTGCCCTTCTTCCCTTCTGTCA  
AGGGGAGTGGCTGAGGTAGCATCATCTCCTGGCCCTCACTTCTCTGTGGTTGCTGGGAAAGTGACCCCAT  
TCACGGCTACTCTAGTCTTGGGGGTGTATAGGACACAGCTCCCATTTGGAGGTGAAGTCAAGGCCCAAGT  
GATGGCTCAGGTTGAGGACCCACGCCGTAACTGGTTTGCAGCATGTCTGCCTTCAGGATAAGAGTGA  
GCCAGGACAGATGGGCCACCACCTTACTCAGATATCAAGCAAATCAAGGGACAGGCATTCCTGGAACCC  
ATTTGTTGGTTTCAGTAAATCCCAATACAACCC  
>GBEQ2427 |Acc|BM780769|Ver|BM780769.1 GI:19129001|APL1\_8\_B03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:536  
GCACGAGGGGGAATTCAATCTTGCTGGCTGCTGCTCTCTCCTCTCTGCTGCTCAGCAAAGTTATTTTGC  
TTTTCAAGTAGGAAGGCAAGATTAAATAACAAAATTTATGCCCCGGCAGTCTCTGGGTCAACAGAATTT  
GACAGAATATTTTCTGTCACACAAAACAGTGTGGAGTTTACCCCGCATTCATGATTACATTTGGATGG  
CTGGGTGGTATTTCAACCAAGTTTGTCTGCTGCTGGGTCTGTTGTACATCTATGCCCGTCACCAAGTA  
TTTCTGGGGATATTCAAGAAGCTGTAACAAAAGGATGACTGGTTTCCGGTTGGGTCTGGGGATTTTGGCC  
TTGTTGGCCATCCTGGGCGCCCTGGGGATTGCAACACAGCTTTCTGGATGAATACCTAGACCTCAATGTTG  
CCAAGAACTGAGGCACCTTCAACTTTTCCCTTCCCTTTGCTCAAATGCTTGCAGAAGATGTTTCCACTC  
TGAAGCTTATATGGTGTCACTTGTCAATTAAAAAAATGAAAGTC  
>GBEQ2428 |Acc|BM780750|Ver|BM780750.1 GI:19128982|APL1\_8\_D02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:412  
CTTAACCGTTTCAAGAAATAATTAAGTATTTTCTACATTTTGTCTTCTTGCCAGGAGGGACAGGCTG  
TAGGGCCGGGAATAAGGTTTGGCCCCCACAGCTGGGGACAGAGCCCTGGCCTGTTGTTGGCATCTC

AGGAGCAAGGGATCTGTGCCTGGAGCTGAGCCGAGGCCCGCCACTGCACTGGGCGGGCGCTGGAGGACTC  
GAGCAGTGATTTTGTCTGTGCGTGCAGCAGAAGAGGAGGCCGACTCGGGGACCTGGGCCCTCCCGTTCA  
CCTGGGAACTGGAAGGTGACCTTCTTCTGAGGCAGACCCCTCGAGTGAGGCTGGAGGAGCAGCTTGGAGG  
GGCCAGAGTGTTGGCCGTTTGTCTAAATAAAGTGAATGACCCCTTAGTGGGGTAACTGTC  
>GBEQ2429 |Acc|BM780728|Ver|BM780728.1 GI:19128960|APL1\_8\_F05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:586  
AAGAAGAATCTTCAGTACTATGACATTTCTGCCAAAAGTAACTACAACCTCGAAAAGCCCTTCCCTCTGGC  
TTGCTAGAAAGCTCATTGGAGACCCCAACTTGGAGTTTGTGCGCATGCCCTGCGCTTGCCCCACCAGAGGT  
TGTCATGGACCCAGCTTTGGCAGCACAGTATGAGCATGATCTAGAGGTTGCTCAAACAACCTGCGCTCCCG  
GACGAGGACGATGACCTGTGAGCAGGGGAAGCTGGAGCCAGCGTCAGAAGTCTAGTTTTATAGGCAGCT  
GTCCTGTGATGTCAGTGGTGCAGCGCTTTGCCACTTTATTGTAGAGCTGAGCAGAACATGTGCTTAATC  
TTTGGGATGCTGAAGGAGATGAATGGGCTTCGGAGTGAATGTGCCAGTTAAAAAATAACCTTCATTTTTT  
TGGACCTGCATATTTAGCTGTTTGGAACGCAGTTGTTTCTTCTTGAGTTTCAAATATAAGACTGCTGCA  
GTCACATCACAATATTAGTGGTGAAGTCTTGTGTTGTACTGTCAATCCCATTCCTTTTCGTTTAGAATC  
AGAATAAAGTTGTATTTCAAATATCT  
>GBEQ2430 |Acc|BM780696|Ver|BM780696.1 GI:19128928|APL1\_6\_A03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:88:Stop:633  
ACTGGACAGCCCCAGTTTCATCAGCCAGGACTGGCCTGGTGTGCCCCACGCAAGTGGATGCGGCCATGGCTG  
GCCACATCTACATCTCAGGCTCAGCTTCCCGCTCCTCCTGGGTCAAGAAGCCCAAGTCAGCACGTCGCAA  
CCGTAAACGCTATCGGTACGCGGTGGCCGTGGCCGCAGCCGAGCCGAGCCAGAGCCCCCGCCGGCAA  
TCCCGTTTCAGCCTGGCTGTCTGTTCTCCAGTGAGGAGAGCGGCGTGGGAGCCTACAACATATGACTATA  
ACTATGAGATGGACTTGTATTATGCCCTGCCACCTGCGAGCCCATCCAGAGCGTCTACTTCTTCTCAGGAGA  
CCAGTATTACCGAGTCAACCTTCGCACACGGCAAGTGGACACTGTGAGACCTCCCTACCCACGCTCTATC  
GCCAGTACTGGCTGGGCTGCCAGCCCCTGACGAGAAGTAGGAGTCTGAGCCACACAGCTGGGCCCTC  
CGCTGCTCCCTCCTGACCTCCTCCTCCAGCCCAATAAGATCGCTTGGCCCTG  
>GBEQ2431 |Acc|BM780664|Ver|BM780664.1 GI:19128896|APL1\_6\_D01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:37:Stop:606  
CCCTGTGCTGGTGTGATGCCACTGCCCTGAAGGCCTGCAAGATCTCACGTTTTTGAGAAGCACCTATAC  
AACGCTGCCGCCTTCAAAGCCCGGACCAAGGTGCGCAGCCGCTTGCGGGACAAGCGGCAGACATCCTGT  
GAGGCAGGACCAGCTGAAGAGGAGAATGTCGACCCCTTGCCCGCATTTTTAACAGAAGACAGTGCAACA  
GCTGGTCCCCGCCAAGAGTTGTTGCTTTATTTTTTAATGACAAAACAAAAACAGACATGGGGGTGGGT  
GGCTGGAAGCCAGGCCCTTTGCCCTGCAGTCAGCCCTGTGGCTCTTCTGCCCTGTCTCAGGCCAGGC  
CAGGTGTGTGCTGTCCAGGGCTGTGGGGCAGCCAGTAGGAGGCCATCCCTTCTTCTCTCTCTCTCT  
CAGGCCTTGCTCCCTTCTTGGGGTGGGGTGGATGGCATCTGGACAGATGCCACCTCATCAGGTGGG  
GAGGTAAGGCTACCTGGAATGGATTATGTGCTGACTTTTAAAGATTATTAGAGATAATTAACTGAATG  
CTCAGCCCTC  
>GBEQ2432 |Acc|BM780639|Ver|BM780639.1 GI:19128871|APL1\_6\_F07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:8:Stop:647  
GACAGTGGTGGCTTGATAATCCTTAAGCAACTGAAGTTAAAATTGTTGAATTTGGAGGAAAAGGCACTTG  
AAATGGTTACTCTTTCTGTCAGCTGTATATAAGTCCAATGTGTTAATTAATCTAGATGATGCAAAGAAG  
AATCTCCTGGTAGAGAAGCAACGTACAAATCGGTGAAAAGGTTATGGTTTTTTTTTTCAGTGGGGTGGGG  
GGAGGGCAAGCTGGATTTACAAGTCACGACTGGACTGGAACCTGGCCTTTTATCTTTCCGCTGTATCATGT  
AAGTAGCTGCTTTTCTGCTCCTGCTGCTTTCAGGCACCCCTAAAGCTCACTCTGAAGATGATAGAAACA  
AATACAAAATCTTCGAGTTAGAAGTTGATCCTGACACTGACGTGAAGGCAAGCATTGATTTAGATGAAC  
GTTGACAGAGGTGGTCATTGGAGAAGACAGTTCCCCAGATTGTAAGAGTTAACTGAAGATATTGACACAGT  
TTTAAAAAATCAGTAAAGGAATGTATATAATATTGCTCTTGTGTTTTACAGTAAGATTGTTGCTCAGAC  
TGTGTAAGAACAAAATTTATTCATGTTTTCTGCATATTAATAAATCTTATTGTACCAATTGGTAACTATT  
AAATGCCTAT  
>GBEQ2433 |Acc|BM780625|Ver|BM780625.1 GI:19128857|APL1\_6\_G09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:549  
GCACGAGGGCGCGGTGAGGAGCAGTCGTCCAGCCACGACCATGCCGTCCAAGGGTCTCTGCACTCGG  
TGCAGGTCTTCGGACGCAAGAAGACGGCCACAGCCGTGGCGCACTGCAAACGGGGCAACGGCCCTCATCAA  
GGTGAACGGGCGGGCCCTGGAGATGATCGAGCCGCGCAGCTGCAGTACAAGCTGCTGGAACCTGTTCTG  
CTTCTGGGCAAGGAGCGGTTTGCCGGCGTGGACATCCGAGTCCGTGTGAAGGGTGGTGGTCACTTGGCC  
AGATTTATGCAATCCGCAAGTCCATCTCCAAAGCATGTTGGGCTACTACCCAGAAATACGTGGATGAGGC  
TTCCAAGAAGGAGATCAAAGACATCCTCATCCAGTATGATCGGACCCTGCTGGTAGCTGATCCCCGTGCG  
TGCGAGTCCAAAAGTTTCGGAGTCTGGTGGCCGTGCCGCTACCAGAAATCCTACCGATAAGCCCATC

CAGAGGATCGGGGTTACCTTTATAATAAACTGTTGTGGGGTGTGAGGTTTCAAGGCC  
>GBEQ2434 |Acc|BM780623|Ver|BM780623.1 GI:19128855|APL1\_6\_H04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:35:Stop:652  
CCAACCTGCCCCATGTAGCAACNCAGGACACAGCGTTCAGAGGATATGTCATCCCTAAGGGCACAGTCGT  
AATTCGACACTGGATTCACTCTTGTATGACAACCAAGAGTTCCCTGATGCAGAGAAGTTTAAAGCCAGAG  
CACTTTCTGAACGAAAACGGAAGTTCAAGTACAGCGACCATTTCAAGGCATTTTCCGCAGGAAAGCGCG  
TGTGCGTTCGGAGAAGGCCCTGGCTCGCATGGAGCTGTTTCTGTTCCCTGACTGCCATTCTGCAGCACTTTAA  
CTTGAAGTCTCTGGTTGACCCCAAGGATATTGACCTCAGCCCCGTCACGATTGGGTTTGGCAACATCCCA  
CCCAATTACAAGCTCTGCATCATTCCCCGCTCGTGAGCGCGAGGGACAGGTGCTCAGAAGACCCCTGGGC  
CCCTTGATGCCCTAGGGTTCCCTGCCAGCGCCCACTCAGTGCCACCAGGAAGACCCCTCCCTCACGGCTCA  
GTGAGTCAGGGCTCCACGGGGATCACTCGGCCGAGAGGCTGCTTCCAGAATCATTCTTCAGATAGAAT  
TTGAAAGCAAAGTCCAAAAAGATTGTGTAAACCAATTAACTAACTAAAGAACTG  
>GBEQ2435 |Acc|BM780622|Ver|BM780622.1 GI:19128854|APL1\_6\_G12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:86:Stop:563  
AGATAATCCCATTCAACAGAATCGCCATTGGAGAAGGACAGCAGTTCACCTTGGGGCAGCCAAACAGGT  
TGGACCAGAACACCGTGGCAAAATAGAACATGAATATGACACAGAAATATGACGAGTGATTTTACACTGAG  
AATTAATGCTCATTCTTATTAACCCACAAAGTTTCAGAACTTTTCTGAAAGTTTCTTCTCGGTTTCTC  
TTACTATACTTTATTTAAGTCTTTTATTAAGGATATTTAGCCTTAAATGGAAATTAAACTCACTT  
TGGACTGTTGACGCAAACTACTGAGCTCAGAGTTATTTAAATTTGTTTATTTGATGAGATAACATTTTA  
GCTTATCTCCTAGATATAAAATAAAGTTATTGCCATATCTTTTATTTAACATGTCAATTTTATCTTGGTG  
ATTTTAAAGTTATTTCTTAATATTTTCAGTATATACTAATAAAATAGGAGTAAATTC  
>GBEQ2436 |Acc|BM780616|Ver|BM780616.1 GI:19128848|APL1\_6\_H08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:27:Stop:631  
GAGAAGGAAGCGGCTCAAAATGCCGGCCCGGGGAGTTCCCCATCCGTCTCTCGGGGGAGGAAGGGACTTTA  
CACACACCCCTTACATGAAAGCTGGAGCCTCACCCGGGCCAGGAGTGGCGTTTCTCTCCAGGATTTCCCTA  
AACCTGGAGGGGATTTAGTCTGGAGTAGAGACTTGTATTATTTCTCTCCTTCCCATCTTCTCTCTCAGT  
GAAGAAACGCTCTATAGCCTGTGATTATTTCTGGGAAAGGGGATACTAGCGGCCAGTGGCTTCCCAACGGG  
GAGAAAAGCTTGATGAACCTTCACGGAAGACTTCGAGCTTGGAAATAACGGAGTTTATAGAGAAAAGATAT  
ATTTTAAAGCTCTAGATCAGAACTACTACAGTGCTTTTAAAGTGAATATGAAACAAAGTTTACA  
GACAGACCGCTTAAGTGGAAAGACCTTATGGTTTGGTAGATATGGTGACTCCAGTCTTTGTTGTATAAA  
GGTTGGGGGAGCTGACAAGGTTTTTGTACAGTATTTCTCCTTCTGTTGATTATTTTGTATAAAATG  
TAACCTTACGTGTCTAACACGTATTAATATTTTGAAGCATCTGC  
>GBEQ2437 |Acc|BM780596|Ver|BM780596.1 GI:19128828|APL1\_4\_B02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:172  
GATTTGTGCACATGTGAGAGGGTGTCCAGTTTGTCTAGTGATTGTTATTTAGAGAGTTGGACCACTATTG  
TGTGTTGCTAATCATTGACTGTAGTCCCAAAAAGCCTTGTGAAATGTTATGCCCTATGTAACAGCAGA  
GTAACGTAAATAAAATTACATTTTATAACCC  
>GBEQ2438 |Acc|BM780571|Ver|BM780571.1 GI:19128803|APL1\_4\_D06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:72:Stop:467  
ATCTACATTGATGGACGACCTGTGCTATGTGGCTCCAAGTGGCGCCTCAGCAACAACCTCTGTGGTGGAGA  
TTGCCAGCCTGAGATTTGTCTTCTCATCAACCAGGACCTCATTGCCCTTATCCGGGCCGAGGCTGCCAA  
GATCAGCGCCACAGTGAGGAGTGGTGGCAGGACCATGGGCTCTCTCCAGCCTCAGTTTCCCTGCCATTGCC  
AGCCCTCTGGAGCTGGGAACCTCAGGCTCCTGGAAAAACAGAGTGGGCAGCAGGAGACCCAACTGCTGGC  
CCATTGATCTGAGCCTCTGCGGGAGGGTGGGGCTGGCCCTTGGGAAGTCCCTGAGGCTGGGACCCCTCCGG  
CTTCTCTAGAGCCAGAGCCCTCCCCCTCTCTCTGCAACCA  
>GBEQ2439 |Acc|BM780557|Ver|BM780557.1 GI:19128789|APL1\_4\_E11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:16:Stop:612  
GGCTTATGGGGGCTTGGAAACAATCAGACTCCCTGGCCTAGACCCTCAGGTCTGATGGCCTGAGTGTGGG  
GCTGCAGACGGAGCGGAAGCTGCTATAGGAGGCGAGGGAACAATACCAAGAGTTTGGCCAGCTCT  
GCCTCTCTGGGGCTTGGGATTCATTTGGCCATTCGGCTCTTGGCATTAGGGGGGCGAGCCAATTGGC  
ATTGCCTCCCAGACTGAACAAAACCCAGCAGCCGATGGGACTTCTTCGGCAGACTTGACTGTGTAGCT  
GCAGCAAAGTCATTGCCCTAGATGACCCAGGGGATCTGGCACTGTGAGGATTACGGACCTTGGACTCTTA  
TTGTCATTTTGACAGCTGTTTGGCCATTGGATTATAAAACAAGTTGAAAGCCTTGTTTAGAGCTGTGCA  
CGGCCCTGTGCGGGGCTGTGTCACCTAGGCATCCCTACCCAGGGGACTTTTTTTAGTAGATGTG  
GGGACAGGGTGTGCTGTGTCCATCTTAAAGTCACTGAGTGAAATTTCTGTTTTCTATTCTCTGAGA  
AGATGAGTTTGTATGTTCTGAGAATAAATACATGAAT  
>GBEQ2440 |Acc|BM780539|Ver|BM780539.1 GI:19128771|APL1\_4\_G12.g1\_A005 Liver (APL1) Equus

caballus cDNA, mRNA sequence.:Start:1:Stop:610

CCGGGAGCAGGCCCCACAAGGTCTATGTGCAGCACTTACTGAAAAGGGACAAGGAGCACCTGTGGAAGCTG  
ATCCATGAGGGAGGCGCCACATCTACGTCTGCGGGGATGCTCGGAACATGGCGAGGGATGTGCAGAACA  
CGTTCTACGACATCGTGGCCGAGCTGGGGACCATGGAGCATGCCAGGCTGTGGACTACATCAAGAAGCT  
GATGACCAGGGCCGCTACTCGCTGGACGTGTGGAGCTAGGAGTGACCCAGCCAGTCTTGCTCTACCCCT  
CTCACTCTATAGACTCGCCTGCCCATGTAATCACTTTCTTACTCCCTTCTGCTGGTCTCCCGGGCAGTT  
CCTGCTGGGCTTGGCCACCAGAGGCAGGCCAGTGACAGACTGTTCTGGGCCCACGATGTGCCCTCCAGA  
GCCCCCAGCCCCAGGGCACGTGGCCAGGGGTGACCGGGCCCGCACTTTGTGAACACCTCAGGCCCCAGTG  
GCTATACAAAAGGGGCTCCTCTCTCAGCTGAGCTGGGGCCTGCCCTTCCACGTGATTTTCAATGAGTGT  
AAATAATTTTAAATAACTTCTGGCCCTTAGAATAAAGTTCTGTTTTCTGT

>GBEQ2441 |Acc|BM780523|Ver|BM780523.1 GI:19128755|APL1\_3\_A11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:50:Stop:657

GGCGCCTGGACACCAGCAAGGATGGGTGGCATAGCTGGCCCATGACCATCAGTGGCCCAAGGGTCCTTC  
AACAGTGGATGCTGCCTTTTCTGGGATGATAAACTCTATCTGATCCAGGGCACTCAGGTATATATCTTC  
CTGACGAAGGGAGGCCATACCCTAGTAGATGGTTATCCAAAGCGCTGGAGAAGGAACCTCGGGAGCCCTC  
ATGGGATCAGCCTTGAGACTGTGGACGCAGCCTTTATGTGCTCTGGGTCTTCTCGGCTCCACGTTATGGC  
AGGACGGCGCTGTGGTGGCTGGACCTGAAGTCAGGAGCTGCAGCCACGTGGACAGAGCTTCTTGGCCCC  
CACGAGAAAGTTGACGGGGCCCTGTGTGTGGAAGTCCCTCGGCCCTCACTCATGTTCTGCCAACGGTC  
TCGGCTTGTACCTTACCAAGGCCCAATTTGTACTGCTACAGTGATGTGGAGAACTGAATGCAGCCAA  
AGCCCTTCCCAAGCCCCAGAGAATGAACAGCCTCCTGGGCTGCCATAATTGAGAGGGCTTGGCCCGGCC  
TTTCTCCCCATTTTCTTACAATAAAGCCNAGAGTGCTTCTTTGCTTG

>GBEQ2442 |Acc|BM780514|Ver|BM780514.1 GI:19128746|APL1\_3\_B05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:265

GCGCGCGCGGCCCCCGCGTCCGCGCGGCGCGCCCCCGCGCGCTCGGGACCGGGGTCCGGTGCAGGAGA  
GCCCCCTCGTCCCGGGACACGGGGCGCGGCCGGAAGGCGCGCCCCCTCGCCCGTCAAGCAGCGCACGT  
TCGTGGGGAACCTGGCGCTAAACCATTCGTAGACGACCTGCTTCTGGGTGAGGGTTTCGTACGTAGCAGA  
GCAGCTCCCTCGCTCGCATCTATTGAAAGTCAGCCCTCGACACAAGGGTTTGAT

>GBEQ2443 |Acc|BM780507|Ver|BM780507.1 GI:19128739|APL1\_3\_C02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:3:Stop:588

GTGTACAGATATCAAGCCAGAATGGTTGGTGAAAATTGCCCTCAATATTATGACATGAGCAATTTCCCA  
CAGTGTGAAGCAAAGAGACAGTTGGACCGCATCATGCTCCAACTTCAATCCAAGGAATATTACAGTACT  
GAATTCAATGCTTAGAAGTGAAGTTATTCAGAGGACAGCTTTAAAAGATGAATGAAGTCAAAAGTTCAAG  
TTGTGCTCTTCAGCTTGGTTCAATAATGGCCTTTATTTGAAAGCTTTTTAATTTTCTTTACAGTAAATA  
TTCCATTCTGATTTTATAAATTAAACATTTATGCCTCCCTTTTGTGTTGACACTGTAGCTCATACTGGAA  
AAGTCGATCAATGTTTTCAGCTTATTTGAAAGTAGTTCTATATATAACAATGTTATAAGCATTTCTTTAG  
AAATGGTTGAAAATGCTTCTAAATGTGATTATCGACCATGGTATGCATGATCGTTGTAATTGTTGACAT  
TCCTTTTAGAAGTTGTGAAATGTTACAACCTTGTGCTTATGTAGACACAATCTTCTGTCTCAGTACAGAGG  
CACTGACTTCAATAAAGTCTATTTAT

>GBEQ2444 |Acc|BM780467|Ver|BM780467.1 GI:19128714|APL1\_3\_D11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:17:Stop:586

GCTCTGCTCTGAGCCCCCTGGGAGGCCAGGGAGAGAGGTCCCTGGGTGAGGAGGGGTTGTGAGGCCTCATT  
CACACATTCAACAATATTTATGGAGTGTTGCTGGCCACTCACCAGCTGTCTTGGTCACAGGGAGGACCA  
AGGAGCTGACCCCTGAAGTGAAGGAGAAATTCATCAGCTTCGCGAAATCCCTGGGCCTCACCGATGATCA  
TATCATCTTCCCGGTCCCTATTGATCAATGCATCGATGAAGAGTGAGCGCGCAGTGAGTACAGCTCGGGG  
GGCTAGTGGGAGCTGGGGTACAGCGGGCAGGGTCTCGGGCCTGCCTTTGCTCCCCACCAAGCTTGCTGC  
CATCTTGATTTCTTGTCTCCCTCTCAGGTGCCCTTCTGTCTCTGCCCCCGTCACCCCTCATGTGAGCCC  
CTGCCCAGGGCACTGCCTCAGCTGCCCCAACCCGACACCGAGTGAGAGAGCCAAAGGGACCCCTCCC  
GAAGCACAGCCCACCAGCTGCTCCCCAGGCCACCCTACTGCTGGAGCCCCCTCCTTCTGCTAAATAAAC  
ACAAGCCCCC

>GBEQ2445 |Acc|BM780427|Ver|BM780427.1 GI:19128659|APL1\_2\_A11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:3:Stop:669

CAGCACTGCAGACTATTCCACGTTTCAAGGGTGGGACCTGAAAATGACAAATACCGCTTGACATATGCCTAC  
TTCATGGGTGGAGAGGCGGAGATGCCCTTGTGATGGCTTTGATTTTGGTGATGATCCTAGTGACAAGGTTT  
TCACATCCCACAATGGCATGCAGTTCACTACCTGGGACAATGACAACGATAGATTTGAAGGCAACTGTGC  
TGAACAGGATGGATCGGGTTGGTGGATGAACAAGTGTGCTGCTGGCCACCTCAATGGAGTTTATTACCAA  
GGTGGCACTTACTCAAAATCATCTACGCTTAATGGTTATGATAATGGCATAATTTGGGCCACTTGGA  
GCCGGTGGTATTCCATGAAGAAAACCCCATGAAGATAATCCCATTCACAGAATCGCCATTGGAGAAGG



ACAGCAGTTCCACCTTGGGGCAGCCAAACAGGCTGGAGACGTTTAGAAGACAACCTTCAAATGGTAGACCT  
TTTTAAAAGGACTTTATCTGAGCAGAGAAATATAATGTTTTCTATGGGACAATGGACTTGCAAAGCCTC  
ACTTCATTTTAAAGAGTAAAAAGAACCCTTATCGAAAACCTCCACTAACAGTTTTATGCTGGTAATAATTTA  
TCTACATGCCATTTCAATAAACATTTTGTTCCTAAG  
>GBEQ2446 |Acc|BM780420|Ver|BM780420.1 GI:19128652|APL1\_2\_B07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:92:Stop:677  
CAAGGAGCAGTGGTTTTCTGTTCTTTTTGGCTATGCATTTGAAAACCTTGCTGTTTAAGGATGCTTGAC  
ATAATGCGTGCATACCCTTTTGTCTTGGTTTGTAATTAACCTTTATAAACTTTACCTTTTATACAT  
AAACAAAACAAGTTTCTTAAGGCTACCTTTGTATCTCTCTGCTGACCTCTTGAGCCTTGAACCTTTGACCT  
CTGCAGCAATAAAGCAGCATTTCTATGACACACACAAGGTCATTTTTTTTAAGGAAAAGAAATGCACAGAA  
TTGTTACATTTTAAAGTGTGCATTTAAAGATACAGTTACTCAGAATTCTCTAGTTTGATTAAATCTT  
GCAAAGTATCCCTACTGTAATTTGTGATACAACTGCTGTGCCCTAAAGTGTATTTTTTTACTAATAGACAA  
TTTATTATGGCACATCAGCACGATTTCTGTTTAGATAATACACCCTAAACATTTCTGTTTAGATAATAC  
ACCATTCTGTGTTAATCAATCATTAGGTGTGACTGAATTTCTTTTGCAGTTATTAAAAAATCTCAAATTT  
CTAAATCTGCACGAATAAAACCTTTT  
>GBEQ2447 |Acc|BM780419|Ver|BM780419.1 GI:19128651|APL1\_2\_B06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:99:Stop:616  
GGACGGAGGCACTGTCTGTGAGGCGGGAACCCACCAGCAGCTCATGAAGAATAAGGGACGCTACTGGGCC  
ATGGTGCAGGCTCCTGGCGGGTCTGGTGTCTCCGAATGAATGACTTCTCAGACCTGCACACTTCATCACC  
CTCCCTTTTTTCTCCTCTCTATAATGGAGAAATGGGGGACAGAGATCTTACAGAGCTTCAGAGTAGGC  
AGCTGCTTCTAGGAGGAGTTCCATCCTAACTGTAACCCCTTATATGGTGCCTGAAATCTCTCATGAGCG  
TTATCTCCTCTCCAAGCTCCTCTTGATAACACAGACTTTCTAGAAGAAAACATAGACTTTAGAACTCCTT  
AGTGTAACTGGGTTTAGGGTCAGGTTTGGACAGCAGCCTGAAAATCAGGAGAAATATTTAGAATATACAG  
AAAGGGAAAATCAGCTACCTTCCAATAAGACCAGGATATGCTGGCCATAAATACCCTGTGGATTCTT  
GATATTTATAATAAAATTTGGTGTCTTGT  
>GBEQ2448 |Acc|BM780418|Ver|BM780418.1 GI:19128650|APL1\_2\_B05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:10:Stop:520  
GATTATTATATTATTCAATCTCAGGAATGCTGCGGAGTGGTTGTCCAGTCCATGAGAACCTTACGTCCTT  
GTTAGGCGGAATATTTGGGTAAGAACCAGCCATTGCTAATCTAACATAGAAACCTCTCCCCACGCTTA  
ATTTGCGAGAAAGAATCAAGCAGGACCAATAGAAATAATTCGGCAATGACGAACCTGCAGGAAAGTGAAT  
GATGGTTTGTCTCTCTTCTCAACTCTAGTGATCCCTTCAAAGGGGCTGGTCTGGCCAAAGTATTAAAT  
AAAACATAAGATTTCTTCTATTGATATCGTGGTCATGTATATTTAAACTGATATCTAGTGGCCCTCA  
TGGAGGGTTGGAAATGATTGGATTTAACTTTTACCTCATCTGGGAGCTCTTTATGCTCAGAAGGACCT  
AATTTCTAACTTTGCCCAACACATAGCGAAATGTGCCCATCATGTTTTCCGCCACCCCTGTCTCT  
GTTTCGATCGGCTTGCTTTTCT  
>GBEQ2449 |Acc|BM780411|Ver|BM780411.1 GI:19128643|APL1\_2\_B12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:112:Stop:217  
TCTCTCTCTTCAAAGACTCAACCTCACAACAAGAGTTGACACTGGGTCTTGCCCCAGACCTAGAAACCG  
TGGGACGTGGAAATGTTCTTTTAAAGTGGATTCT  
>GBEQ2450 |Acc|BM780410|Ver|BM780410.1 GI:19128642|APL1\_2\_D02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:6:Stop:571  
AAATTTTATAACATAATTTACTATAGCTTAATGTTTAACTGTTTAAATAAGGAATTAATATATTTTGA  
TGCAGAAAGACGATACAGGTTGCATGTGGACACTGAGCCACATCAACAACCTGGAAAAAATCAAACAAA  
TGGCAATTTTATAATGAATCTCAGGTGAACCTTTTTTCAGTTATAAAACATCTATTTTGAATTTGTAAT  
ATTTTAAAGTGTTTTATTAAGGCATGTAATAAACTATTCTTTGAAACCTGTTGGGAAAAATGAAAAATTA  
AGCCATAATAATAAAGATGGCATACTGATTGTAAATAAACAGAAATAATAACATCTATTGATTTTTTTT  
GTATCTTTCATAATATAATTTCTAACAATGCAATAAAACCACTAAATTTTTATCCATATCCTATTAAAG  
ATCATGTTTCATTAAAGTAACTTTTGTAAATATTTAATTTACATTTTCTCCTTATGTGCTTATCCAAC  
TGTAGCAAGCTATAAATGTTAGATGTTGGTGATAAATGACAGTTGAATAAAATCTCTAAATTTACTTC  
TAATTG  
>GBEQ2451 |Acc|BM780405|Ver|BM780405.1 GI:19128637|APL1\_2\_C08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:302  
GCACGAGGGGAGGGGTGAATCCCTACGCTGACCCCAACCTGCAGAGGTGACTCTGGTGGCCCCCTGAT  
TATTCACAAGAGGAGTGCCTTCAATTCAGGTTGGCGTGATCAGCTGGGGCTAGTGGATGTCTGTAAAGAC  
CAGAGGCGGCAGCTGCAGGTGCTGCTCAGCTCGAGACTTTCACATCAACCTCTTCCAAGTGTACCTT  
GGCTCAAGGAGAACTCAAAGACGAGGGTCTGGGATTCTATAAGGAGTTTCTGCTGGCAAGGGACATG  
AGACCAATTAACAGCTGCG

>GBEQ2452 |Acc|BM780402|Ver|BM780402.1 GI:19128634|APL1\_2\_D09.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:26:Stop:247  
AACCTCCACGCCATGAGAGCCAAGTGGAGGAAGAAGCGAATGCGGAGGCTGAAGCGCAAAAGAAGAAAGA  
TGAGACAGAGGTCCAAGTAACCCGTTAGTTTGTGCACCCGTGGAAGCCCCAGGAGCAGAAAAAGGAAGC  
CAGAGGCCAGGGACGCTGGTACAAATTGTTGGACTGCATGCCACTGTCAAGAACTTGTCTCAGTGGATG  
TAGAACATCCAT

>GBEQ2453 |Acc|BM780399|Ver|BM780399.1 GI:19128631|APL1\_2\_D05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:451  
GGACGAGGCGTGCCGGAAGTGGGCCGGGACGCCGTGCAGCGGCGCGGGGCTGGAGATGAAGCCGGCGGTGG  
ACGAGATGTTCCCCGAGGGGCCCGGGCCCTACGTGGACCTGGACGAGGCGGGAGGCAGCACC GGCTCCT  
GATGGACTTGGCCGCCAATGAAAAGGCAGTTCATGCCGACTTCTTTAATGATTTTGAAGATCTCTTTGAT  
GACGACGATATCCAGTGAGATCCTGCCCGGCGGTGCGTGCTCGAGCCTTTGTCTCGTAGTGGTGTGGTGG  
ATCTCCTCAACGGACAATTCAGATGGTTCTAAAGAACTTGTGGAAATCACTTGAAATTAGGAGATGGTT  
AACTGGGAAAGAGAAGGGTGGTTTAAACCATCTGGATGAGGCCTATTGATGTCTGAGTGTGACCAGCTTT  
TGTTCTGACTTCAATTAATAAAAAAGCGATGTC

>GBEQ2454 |Acc|BM780382|Ver|BM780382.1 GI:19128614|APL1\_2\_F10.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:543  
GCACGAGGTGCCTACCCAGTTACTCCCAAGAAGCAGCTGCTCCAGGAACGAAGGTGCCATGCAGCCCCGG  
GTCCTCCTCATCGCTGCCCTCCTGGCGCTCCTGGCCACTGCCCGAGCTGCAGAGGACAAGGATGCTCCCC  
TTCTGGACGTGGTGCAGGGCTACATGCAGCAGGCCCTCAAGACAGCAAAGGATACGCTGACCAGCATGCA  
GGAGTCCCAGGTGGCCAGCAGGCCAGGGACTGGGTGAACGACGGCCTTAGCTCCCTGAAAGACTACTGG  
GGCAAGTTAAAGGGCAAGTTCTCCAGCTTCTGGGATTCCACCTTTGAGGACACAACCTCCAAGCCCTGCAG  
TTGCCTGAGACCTCGACACCACAAGTCCACCTGCCATCCATCCTGCTGGCTCTTTGGGTTCTGTGGCCT  
CCGGGGCTGCCCTGAAGGTCGCTTAAAAAGGACGGCATCCCCAGTGCCCTCTCACCCCTACCCAGACCC  
GATCCCCCAGGCAGGCCGACCTCCCAATAAAGCTGGATGAGAAGCTGCCGC

>GBEQ2455 |Acc|BM780361|Ver|BM780361.1 GI:19128593|APL1\_2\_H03.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:9:Stop:310  
TTTGGAAAATAATGTGCAGAAACGAGCTGTGCTTGCAAGGACTTCATAGTTCCCAAGAATTAATAAAAAAGA  
AAAAGAAGAAATCCCCCTTGATCAACTTACTTCTTTTCTTGTCTTCCCTCCCTCACCCCCCTTCCCTTC  
CACCTCTTTTACACAAGCTGTTTCGCTTTGCAATATGTTACTGGTAATGAGTTGCAGGATAATGCAATCT  
TAACCTGTTTTTTTCCGCAAGTATTTGAGTTTAAACTCCTGTATCTAAAGAATACGGTTGGGGTCATTA  
ATAAAGAAAATCTTTCTATCTT

>GBEQ2456 |Acc|BM780340|Ver|BM780340.1 GI:19128572|APL1\_1\_A11.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:34:Stop:569  
CTATGACCTACGCCACGCCTTTGCGGGTGTGGGCTCAGGGGAGTCCGCCTCAGGAGAAGCATTCACGTG  
GAGAAGCCACCAAGGTGGCACATCCTAACACTGCTGCTGCCGCCGGTCCAGTGGTCCGCCCTTGCCCGG  
GGAGAATCAGATACTTCAAGATCTAGGTGAAGTCTCAGAGATGAGAAGGTTTGGCACAGAGAACACAGCCA  
CCGTTTTGTGCCAGTCTGGGTGTGCGGGGGCCCTGTCTGCTGACAAAGCAAGTTCTCCACGTGGTCTTG  
ATTAATAGCAAGTCTTGACTCCCAAGTCTTTTTCGTTTTTTCAGAGGACGGAAGCAGAGCGGGTGATGGTT  
ATGTTTGCCAGCAGCTTGATTGTCTTGTGTTTGTGCTAAGCAGCCACCACTGTATTTTCTGCCTTCTTT  
TGACCTCACGAAAACAATTAGAACTATGACTTTTCAGAGGTGCTCTTGCCAAGCTTATATGTGCTTGTTAA  
TCAAAGTGCCTGAAGGACCTTCCTTAATAAAGAAGGTTCTGAGCTG

>GBEQ2457 |Acc|BM780331|Ver|BM780331.1 GI:19128563|APL1\_1\_A02.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:11:Stop:281  
CATTGGGGGTGGGATGGGAATAGCAATGTGTGTTTCAGAGAGGATGAAATGCTTAAATGTCATGCTTAA  
CTACCTTGACCCTTATTTGTTTTTAAACAAGATATTAAGCTATAATATGTGAAGTCAGAGGACCAAAGT  
GAGGAGGGAAACCTTTTCCCCCTCACAAGAACCCAGGCTTGACAGCTTGTGTACTTTAATTATGTAAT  
ACTGGAGGTACAAGACAATTGCATTTAACATTGTTATAATAAAGAGAATCAGATCAGCC

>GBEQ2458 |Acc|BM780320|Ver|BM780320.1 GI:19128552|APL1\_1\_C05.g1\_A005 Liver (APL1) Equus caballus cDNA, mRNA sequence.:Start:123:Stop:626  
TCTCTGCCCATCACCGCTGGAATTTGACGACCTGTTGGAAAAGATCTGGGACTATCTGAAACTAGTGAG  
GATTTACACCAACCCAAAGGCCAGTTGCCTGATTACATCCCCCTGTGGTGTGCTTTTCTCCAGGACC  
ACGGTGGAGGATTTCTGCATGAAGATTCAAAAATCTCATCAAAGAATTTAAATATGCTCTGGTCTGGG  
GTCTCTGTGTAAGCAATCTCAAAAGTGGGTAAGACCATACGTTGGAGGACGAGGATGTCAATCA  
GATTGTGAAGAAGTGAACCTTCCCTTTTCCCCATCTGCCGACGAACACAGCGGCTTTCCCCATGACC  
AAGCACCTACCCCAACCTTCTGGCTTTGGCAGCCACTGGATCAGGATTACAGGGGAGGGAGGTGAAGG  
TCCCCAACTTCACTTGTATTAACTTGGTGTACCTTGTGTGTTGAAGTGCATAAAGGACCTTGTGGGG



AGTTGGCTATGTGC

>GBEQ2459 |Acc|BM735487|Ver|BM735487.1 GI:19056820|MON01\_19\_E01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:375

ATAGCATTAAACCCCTCGCCCGGCCGACACAAGGAGGAAGCTCCTAGGGGCCAGGGGCAGGACTGTGGA  
GGGACAGGCTTCCCCTCACNCCACCCACTCCCTCCTTCTGCCCCCTCCACATGCCCGCCTCGCCTCCCA  
CCAGGACTCTAGCCCCAGAGTGGCTCCAGAAGGTCCCCCGGCGTCTGACCCAGCGAAGGGCCAGCCTT  
GCTTGGTTTCAGCTGGGGGTGCTTGTGGGAGTTTGAAGTCACCCCTAATCACGTAAATGGAACCTCCTT  
TTCGAGCATCTCCTTCCCACACCTTCTCCGTTAGCTTCCCCAAAAGAATTGTGTTATTAACTTAT  
TCTCAATGAGTCCCTCTGC

>GBEQ2460 |Acc|BM735455|Ver|BM735455.1 GI:19056788|MON01\_19\_H03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:60:Stop:614

TAAGAGGGCTTTTCAAGGGGCACTGGCTCCATATCATTGGCTTTCTAAGATTCTGGTGTGTTGGTCTCTT  
CACTCTTGATTTCAGATCTAAGCCTTACAAAGGGAGAGTCTCTGATCTTAACACTTAGGACTGATGAAAGC  
TACTGAATATTAGGAGTGTGCTTAAGGGATTAGTAGAGAAAGAAAATTGCAAAACAGAAGTACTCCAA  
AAGACGGAAATCTGGAACGCTTAAATTAAGCTTTAGAAGCCAGGACAGGCCCCGCCCATGGGCTGCAC  
ACCTCAGCCATCAAGTATCAGAGCTACTGCTGGGGTCTGCCATGCAAGAGCTGGCACTTTTTTAAATAGC  
AAACTGGGTGTTATTTTTATTACTTCTTTGTAAAGTGGTTTCGGTCTTCTGTTGAGGTTTCAGGTGGT  
CCTGCGTCTGCACTGTTTGTGTACAGTGATCGCTCTCACTGATTTACTGCTTGCAGCTCAGCGGCT  
GGGCACTGAGGACCTCCTGTGTGCAATGCCGTAACAATGCTAATAAAGTGTCTCTTCTCTTTT

>GBEQ2461 |Acc|BM735439|Ver|BM735439.1 GI:19056772|MON01\_20\_E12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:105:Stop:678

CGGAGCTCGCCTGCATCTACTCGGCCCTCATCTGCACGACGATGAGGTGACGGTCACGGAGGATAAGAT  
CAATGCCCTCATTAAGCAGCCGGTGTAATGTGCAACCTTTCTGGCCAGGCTTGTGTTGCAAAGGCCCTG  
GCCAATGTCAGCATCGGGAGCCTCATCTGCAATGTGGGGCTGGTGGACCTCCGCCACCTGCTGGTGTCTG  
CCCCAGCTGGAGGTCTGCCCCCTCCACTGCTGCTGCCCCAGCTGAGGAGAAGAAAGTGAAGCAAGAA  
AGAAGAATCTGAGGAGTCTGATGATGACATGGGCTTCGGTCTTTTGAATAAATCTCTTGTAAATGCTG  
AATAAAAAAAGTGAAGTCTTTGTGCAAAAAAAGCGGCACGAGCTCGTGCCGAGCTGACCCGAGCTCGGG  
CCATTTTGGAGAAGTCTCGCCTGAAGAACCCGAAGAACCTGGCCTGTGGTTGGAGTCAGTGAGGCTGGA  
GTACCGTGCGGGCTGAAGAACATTGCCAACACACTCATGGCCAAGGCGCTGCAGGAGTGCCCCAGCTCT  
GGTGTCTCTGTGGTC

>GBEQ2462 |Acc|BM735336|Ver|BM735336.1 GI:19056669|MON01\_18\_B05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:598

TTCCCTCCAGATAAAGGCCTTGACTGGCTGCAGAGGCCACACCCCTTAGAGTTCCCCGGCAGGCAGGAG  
GCAACCCAGCTGGCTGACACAGCCACTGACTTGTCACTGACCTGACAACTGAAGAGCTGGAACGCCCTG  
TGCCTGTGAGCCAGGTCTCCTCCCTGCGTTTCCAGCTTCCACCTCCAAGTCAGCGTGAGCCCTGCCCTG  
AGGGGCTGCGCTGGGCTGTGGGGTGAAACCCAGATCAGTCTTGCCGATGGAGGAGGAAGAGCTGCTGG  
GCTGCAAGGCTGAGAGGAGGCGGGTGGCGAGAATCGGTATTCGTCTTTACTGGAGAGCAAACTGTGCCC  
AACTGTCTTTATTTACACTGCATGGAGAAGAGTTCAAACACTGAAGTGTGCAACGGCATGTGCCACCAC  
AGACACCTGGAGTTTACAGTCCGGGGTCCGGGTGGCTCCCCACTGCTCACCCTGGGCTTTGCCCCAC  
TGTGAAGGGATGCACGAGAGACTGTCTGTGTTGCGTGTGGGCTCCTTGAATGACATGTACAATTTAAGT  
GCAAGACAGGGAGCGTCAATAAAGATGT

>GBEQ2463 |Acc|BM735331|Ver|BM735331.1 GI:19056664|MON01\_18\_C03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:99:Stop:595

CCTGTCAGCTGCTTGTCCCTCCTAGTGATGTGCCTCTGAACCTTCTCTCCACCCAGTCCCCTTCCCAC  
AACGAAAAATGGGGCTGCCCGGAGCTGGTGAAGTGCCTTTGGGTCTGAAGCGTCCGTTGAGTCTCCCTG  
GCCTCTGGTTATGGAGACAGACAGCCTGGAGCGCTCGGAGGCCAGGAGCGGCTGCTCTTCTGGATGGA  
GCATTCACCTCTCCTCGCTCCCTCTCTGACAGCTTCTCCCTTCTGACAGCTTCTCCCTTCTCCTCGCTGAG  
GATAAGAGGAATCTGGCATTCTACACCTGGACATTTGATTGTTTTATTTTGAATTGGTGTATATCATG  
AAGCCTTGCTGAAGTAAAGTTTGTGTGTATATATTTAAAAAATCAGTGTTTAAATAAAAAGACCTATGTA  
CTTAATCCTTTAACTCTGCGATAGCATTTGGTAGGTAGTGATTAAGTGTGAATAATAAACATACAGTGA  
ATTCTTC

>GBEQ2464 |Acc|BM735329|Ver|BM735329.1 GI:19056662|MON01\_18\_D04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:28:Stop:508

TGTGTCGGCTCTGGGGGCACTGTGGGCGAGGACCCCGGGGCTGGTGAAGTCTTGGAGTTTGGAGAC  
AATAGCAGAGAAAGCTGAGCTCTTCCACAGATGTGCCAGCCTCCCCGGCTGAAGGTGCTCAGAGCCGCTG  
CAGGCTCCCGGGTCTGCACTGCCCCCTCTCTGCACAGGTGGCCAGCACCTCTCCCTGCTCTGTGAGCATTT  
CCCAGTGGGCCACCCCATCCCTGAGTCCACAGGGGCTGTCAAGGGGAGACCCAGTGAGAATGTAGCATTT

TGTTGATCCCAGGTTAGTTGTCCTGGGTCCTAGGCACCTCTGCCTCTGGGAGAGAGACAGAGAAAGAGGGA  
GGGGAATGGGGACCCATCGTTTTTAACCTGTACAGAGTATTCAGCTTTATGTTCTTCACATGCATATATG  
TGTGTGTGTGCGTGTATCTTCCCCCCCCATTAATTGGTACAATTTTTTAATAAAAACCATTT  
>GBEQ2465 |Acc|BM735323|Ver|BM735323.1 GI:19056656|MONO1\_18\_C10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:263  
GCACGAGCTCGTGCCGACCTGCCCTACTGCTGCCCTAGTCACCTTACCCCTCCCTGGGTCTGGCCTGG  
GGTTCCTGCTCCTCTCCCTTCCACACTGTTCTCTGCAGTCTGCCTCCGAGTGGAGGCACCTTCCCTC  
TGTGTGCTGAGGAAGTGGGAGAAAGTTGCCACACCTCTGACACAATCCAGTGGCCAGGGTGGCCTGCA  
GACCCACCCACAGGTTTTGAACAATCAGGTTTCTAAATAAAGAACTGGACC  
>GBEQ2466 |Acc|BM735282|Ver|BM735282.1 GI:19056615|MONO1\_18\_G06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:657  
TCGTTCTATTACTTTCTGTGAAGAATGTGATTGATGGAGACCTCTGTGAGCAATTCAACTCCATGGAG  
CCCAACAAACAAAGAACGTCTCTGAAGAACTAGACCGAACCCACCTGAGGTGTCCAAGAAGCTTGAGG  
ACATCCGACCCCGCTATGCTCTGAGCTCTCTTTTCCCTGTGGGGCTTGTGCGGAGACTCTATGTTTTG  
TTTCCACCACCACCTGGCTTTGAACCCATATGGCAGAAGAAGGTTGGCTGGATAATTAAGACTTTGCAAT  
ATTAAAGTTACTAGCTCTTCCCATCCAGTCTTCCCTGGAGTGATTGGTTTTCCCTAAAATTAGCATTG  
AGATTGCTATGTTTCTCTTGCCTGGTACATAATACTTTGCCCCAGGTTCTGGTGTGGAATGTGGTCC  
CCCCTAATCCGCAAGCTTTCCCTGCATGATATTTCCGGCTTCTTGTCTACTTTTGTACACACCCCTT  
AATTTTTAACTGGTTTTCTGTAAATATAGTTTTGTACAATGTTATCTTTGTGGGAGGGAGGGAGGCAAG  
CTGAGGTGGGGACCAGTTGGATATAGTATAACTCCTGAGTTCTGCCCTCTGGAACCTAACAGANAAT  
ATAAACCTAGTTTTTAAAGTG  
>GBEQ2467 |Acc|BM735202|Ver|BM735202.1 GI:19056535|MONO1\_17\_G12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:685  
CAGTGAGTGGCTGTTATGGGGCTGGCTACAGCGGCCAGAACAGCATGGGTGGATATGACTAGTTTTGTAG  
GAGCATNTGAGTTGTTTCAATCAAATTTTACAGGCAGCCACAAGCAGTGAAAAGCAGTTAACTCTAGA  
GGGAGCTGTGGGACCCATTTTGACCATGAGTTCTTGTGAAATCTGGATTAAAGAATTACCTCTTCAGTGT  
TTTCTCATGCAAACCTTTCTCTAGCATGTGATATTGAGTAAACTAAAACCTATTTTTCAGCTTTTCTCAATT  
AACATTTTTGGTAGTGTACTTCAGAGTGATGTTATCTGAGTTAAAGTAGTTTTAAGTACATTAAATGTGGA  
TCTTTTACACCACATCACCGTGAACACATTGGGGAGACGTGCTTTTTTGGAAAACCTCAAGGTGCTAGATC  
CCTCTCTTCGAAGAGGAACATTTCTCATGTTTGTTCATTCTAGTTTATTTTTCATTCCCAATCTTTTAGGT  
TAAGTTTAAGCTTTTTAAAAGTTAGTTTTGAAAATTGAGACACATTACTAATACTGTAGGAATTGGTGAG  
GCCTTGACTTAAACCTTCTTTGTACTGTGATTTCTTTTTGGGTGATTTTTGTCTAAGTGAACCTTGTAA  
AATTTTTGTTAACTAAATTTTTTCTTAAATAAAGACTTTTTTACAAAAA  
>GBEQ2468 |Acc|BM735162|Ver|BM735162.1 GI:19056495|MONO1\_16\_B10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:627  
CAAGTAGGAGGACCCACTAGGGCAACTGTCACGATTTTCAGTGTGTGTTTCAGCCAAGGTGATGGGGGCCA  
GGGCAGGCAGCTCAGTTATGAGTTTAGTCACAACACACAAGAGATGTGTTGCTCCTGCTGCCTGACAAGTT  
AAGTGCCAAGACAACATACCAATGCTTCTGAAGTTGCCTCATGCCGTTCCCACTTAAAGTGCCCTGCC  
TTCTAACCCCTCTCAGGTTACATGGCGTGCTCTGATGTTCCAGAACATCAGGAAATACGGCCCTTTTGC  
CCCTTCATCCTTACCCCTTGTTTACAGAGATGAGTCTGTTGCTCTGCCTCCCTTTTACCTCCTGAGCCT  
TCATGGAGTGTATGCTGCCCTCCTCCCCCTATTTTTGTGCTGTTGGAAGCTGCTGCTGCCCTCTGTTTCT  
GGGAAAGATCTTTTGGAGCCTGGCTCAGGCCCTCTCTTTAAGTGCTGTTTAGTACCAGTGTGTGTCTTTA  
GCTTTTATACACGATTGTGCTGTCTATTCTGTTTTAAGCTAATGAATCAATGGACTTGTTTACAATGTGAT  
ATTTTCTATTAAATCTAATATTTTGAATAAATGTGTCTTTTGTGGACTTCCACGCCCAAAGGTC  
>GBEQ2469 |Acc|BM735109|Ver|BM735109.1 GI:19056442|MONO1\_16\_H05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:496  
GCACGAGCCGGCCGCGCTGAGAGGAGTTGCCGCCATGTCCGCGCATCTGCAATGGATGGTCTGTCGG  
AACTGCTCCAGCTTCCTGATCAAGAGGAACAAGCAGACGTACAGCACCGAGCCCAATAACCTGAAGGCCC  
GCAACTCCTTCCGCTACAACGGGCTGATTACCGCAAGACTGTGGGTGTGGAGCCCGCGGCCGACGGCAA  
AGGGTCTGGTGGTGATGAAGCGGAGATCCGGCCAGAGAAAGCCAGCCAGCTCTATGTTTCGGACCAAC  
ATCAACAAGAAGCCCGGGCCACCTCAGCAGCATCCGGCACATGATCCGCAGGAACAAGTACCGCCCCG  
ATCTGCGCATGGCCGCCATCCGCAGAGCCAGCCCATCCTGCGCAGCCAGAAGCCTGTGATGGTGAAGAG  
GAAGCGGACCCGCCCCACCAAGAGTTCTGAACATTGCCACCTCAAAGCAATAAAGACATCAGTCGCCT  
TTGTTC  
>GBEQ2470 |Acc|BM735100|Ver|BM735100.1 GI:19056433|MONO1\_16\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:248  
GCACGAGACTATGTTACTGTACCCTGCAGCATTAATTTTTAGAGTTTTCTGCAGTATGCTTTTAGTCTAA

GAAAAGCACAGATGGAAGCAATACTTTTCTTCTTTGAAGAGGATCCTGGAAGTTAGTTCATCTTCAAGTG  
CAATATTGTTTAACTCTTAAACTGGGGCAGCTCTGCTGGAAAATCTTTTAACAGAGGCCTTGATGATGGT  
CACTTTGAATTGCTTGTGATTTCAAAAATAAAGCTGTG  
>GBEQ2471 |Acc|BM735096|Ver|BM735096.1 GI:19056429|MONO1\_16\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:9:Stop:643  
GCTCCCCAGACCCTTCTGGACATGGGGGAGGGCACCAAGAACAACATCATCACAGCCGAGGGGATCATC  
CTGCTGTTCTGCGCAGTGGTGCCTGGGACGCTGCTGCTGTTTCAGGAAACGATGGCAGAACCTGAAGTTCG  
GGCCAGACATCCAGGATGACTACGAAGATGAGAATCTTTATGAGGGCCTGAACCTCGATGACTGTTCCAT  
GTACGAGGACATCTCCCGGGGCTCCAGGGCACCTACCAGGACGTGGGCAGCCTCCACATCGGAGACGTC  
CAGCTGGAGAAGCCGTGACCCGGCCGGGCTGCCCCATCTGCTGTGCTTCCAATTTGTGTCTCTCCCCAC  
TTCCCTGGAACGCGGTCTTTTCACAATCTTTCCCTGGGAGTGTCTGACTCAACTTCCCGCTGAGGAGTGT  
CCACTCTTCTTCCCTCTAGACTGTCTCTATCTCTGCCCCACACCCGAACCTCAATCCTCCCCCTGCGCCTT  
TCCAGCCTCCCCCCCCACCCCGAGCGGGTAATGAGCCCTTAATCGCTGCCTCTAGGGGAGCTGATTGTA  
GCAGCCTCGTTAGTGCCACCTCCCCCTCCCTGCTCTGTATGGCCACTTAGTGATAATAAATCCTTCCCCA  
ACTGC  
>GBEQ2472 |Acc|BM735094|Ver|BM735094.1 GI:19056427|MONO1\_23\_A01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:21:Stop:569  
CCGTGTGATGCAGCGAGCCCTCGAGTGCCTGCCCGTTAAAGAGCACGTGGATGTGATTGCCAAGTTTGCC  
CAGCTTGAGTTCCAGTGGGGGATGCAGAGCGGGCCAAAGCCATTTTGAAGAACGCTAAGCACCTTACC  
CAAAGCGCACGGATGTCTGGTGGTCTACATCGACATGATCATCAAGCATGGCAGCCAGAAGGAAGTCCG  
GGACATCTTCGAGCGGGTCATTACCTGAGCCTGGCCCCCAAGCGAATGAAATTCTTCTTCAAGCGCTAC  
CTGGACTACGAGAAGCAGCAGCGGCACTGAGAAGGATGTGCAGGCAGTCAAGGCGAAGGCCCTGGAGTACG  
TGGAGGCCAAGAGCTCCGTGTTGGAGGACTAGTGGCAGGCGGGCTCCGGACGGCCACCGTCAGCAGCGGG  
CCCCCGGGCGGAACCTCAGGCGCGGGGGCAGTTGAAAAACTGTGGTGCCTGAGGACTCTATTAAAGTGC  
TGCTTTTTCTGCAGCACCTTGGGGTAATCCTGTTAGGATAAAAAAGAACTTGAGATTT  
>GBEQ2473 |Acc|BM735089|Ver|BM735089.1 GI:19056422|MONO1\_23\_A06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:327  
GCACGAGGGCGAAGCTACCATCTGTGGGATTATGACTGAACGCCTTAAGTCAGAATCCCGCCAGGCGG  
AACGATACGGCAGCGCGCGGGAGCCTCGGTTGGCCTCGGATAGCCGGGTCCCCGCCGTCCCCGCCGGCG  
GGCGCGCGCGCGCGCGCCCCCGCGTCCGCGCGGCGCGCCCCCGCGCGCGTCCGGACCGGGGTCCGGT  
GCGGAGAGCCCCCTCGTCCCGGGACACGGGGCGCGGCCGGAAGGCGCGCCCCCTCGCCCGTCACGCAG  
CGCAGCTTCGCGGCACGAGAGAGAGAGAACTAGTCTCGAGGGGGGCC  
>GBEQ2474 |Acc|BM735081|Ver|BM735081.1 GI:19056414|MONO1\_23\_B04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:270  
GCACGAGGACAAATAGAAATGGTCCAATTAGTTTCTTTTTAATATGCTTAAATAAGCAGGTGGATCTA  
TTTCATGTTTTTGTATCAAAAACCTTTATTTGGGATATGTATGGGTAGGGTAAATCAGTAAGAGGTGTTATT  
TGGAACCTTGTTTTGGACAGTTTACCAGTTGCCTTTTATCCCAAAGTTGTTGTAACTGCTGTGATACGA  
TGCTTCAAGAGAAAATGCAGTTATAAAAATGGTTTCAGAAATTAACTTTTAAATTCATTCCG  
>GBEQ2475 |Acc|BM735056|Ver|BM735056.1 GI:19056389|MONO1\_23\_E08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:57:Stop:641  
CCTCTATGCCAGCTGCCTGGAGAGGGTCTCACTGTCACTGAGCTGGCCCAAGGGAATGGACCAGTGACC  
TCAGAAAAGCACAGCACCGACCCAGGGCTGGCTCTGCACTAAGAGACAATTGCACTAAGTGAATCCTGT  
TCCCAAAGAACCACCTCCCTTCCAGCTGAGCCCTGGGGACTGTTCCAAAGCCAGTGAAATGTGAAGGAA  
AAGTGGGGTCTGCGGGACAGTACTCCCTCAGCCTCGGAGGAGCTCTGCCCTGCTCCCTGCTCGGGCTGA  
GGGGCTCGGGAAAAAACATGGCACTTTTCTTGTGGAACCTGCCACATTTCTGATCAGAGGTGTACACTA  
ACGCTCTCCGCTAAGCTCTTGGACTTTTGCAATTTATACAGTGCCTTGCCCTGCGCCACCTGCCCCCT  
CAGGCAGGCCCCAGCAGCTCAGGAGGCCAGGAGGAAAGTGTGAGCGCCTTGAAAAATTTTAAAT  
TGGAACCGCCATCTGACCACTAAGTCATGTGTGATCACATATGTACATGTCTGTAAATTTGTACATTTG  
TCTTTTTATAAAAGTTAATTGTTT  
>GBEQ2476 |Acc|BM735024|Ver|BM735024.1 GI:19056357|MONO1\_23\_H06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:24:Stop:635  
TCCTTTTCCCATGSGGGGCGGTGTGCACTGGCTGCAACAGCAGCCTCCTTGGTAGTGTATGCAGCCT  
GTTGCTTGTATGGGTGCCCCAAGGGACCTTGGAGACAGCCCTTCCAGTGGACATTTTCATGTGCGATGC  
TATCCTCAATCTAGGCTCCAAACCGGTATGCGGGGTGCCCTTTGGAAGCCCCAAGGCACAGTGGCTAGGG  
TCCACATTGGCCAAGTCATCATGTCTATCCGCACCAAGCTGCAGAACAGGAGCATGTGATTGAAGCCCT  
ACGCAGGGCCAAAGTTCAAGTTCCCTGGCCGCCAGAAGGTAAGTAGTGTGAGCTTTGGTGCATCTTTT  
CTTGCTCTAGTCTCGGGCCTCCTGACTCACCTCTGTGTCTCTCTCCCTAGATTACATCTCGAAGAAGT

GGGGCTTTACTAAGTTTAATGCAGATGAATTTGAAGACATGGTGGCTGAAAAGCGGCTCATCCCAGATGG  
CTGTGGAGTTAAATACATCCCTAATCGTGGCCCCCTGGACAAATGGCGAGCCCTGCACTCATGAGAGCCT  
CAGCACTGCCCTCTTCTACTCATGCCATCAATAAATCCTACTTACTGTTT  
>GBEQ2477 |Acc|BM735019|Ver|BM735019.1 GI:19056352|MONO1\_23\_H02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:34:Stop:565  
ATGGGGCCGCGCGGGGACTAGGGCTGGCGCTCAGGGGGTCTCGGGCAGACCAGCTGAGGTTAGGCGCAC  
ACACGCGGGGACGCAAGCTCGTGCCGAATTCGGCACGAGTGACGGAGGAGCTGAAGCACCTGAGTGAGGC  
GCTGAAGGAGCACGAGAAGATGTGCCCGCTGCTGCTGTGCCCTATGAACCTTTGTGCCCGTGCCTCGGCCG  
GACCCCGTGGCCGGCTGCCTGCCCGATGAAGCCCAAGGACCGTCTCTCCGCCAGCAAGGAACCTTG  
GTCTTTTCCACACCTTACATCTATGTATAGGGGGACCTGTGGCAGGGCCACCTCTCGGAGCTCCGGCC  
GTGTCTCAGCTGACTGGGCTCAGCCGACGCTCCCGCAGGCGCCTGACTCTCAGAGCCTTGAGCGGATC  
CAGGGAGGGTGACCCCTCAGGAGTCGCTTCTCATCCACTTTGGCAGCTAGTAGGTTCCGCTGTTATGC  
AGAATCACTTCTCTAGAATTTGGATAATAAAGATGGTTGTT  
>GBEQ2478 |Acc|BM734928|Ver|BM734928.1 GI:19056261|MONO1\_14\_C02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:475  
GATGAAGGCTTTGTGATACCGGATGAAGGGGGCCACAGGAGGAACAAGAAGAGTATTAACAGCCCGGAC  
CAGCAGAGCAACATCCGAATTTCTTCACTCCAATCATGTGCTTAACTGTAAAATACTCCCTTTTATTATT  
CTTAGAGGACTCACTGTTTCTTTTTCATAAGCAAAAAGTACCTCTTCTTAAAGTGCACTTTGCAGAAGTT  
TCACTCCTTTTCCGATAAGTTTGTAGTTAGGAGCTTTTCCCTTGTAGCAGAGCAGTATTAACATCTAGTTG  
GTTCCCTTAGGAACAAAGAGGCTGACCATGGGGCTCACCGTGTGGATGCTGGTAACGATTGCTGGAGAAG  
GTGTTTTTGTGTAATACGCTGAGAGGGAGCCCTCAGCAGAGAAATGTAAAGACTGATTTGAATTTTAAAGC  
TAATGTGAAATCTTGGCAGAGAACATTTTAAATAAATAAATGCCTTAAGAGTATTT  
>GBEQ2479 |Acc|BM734870|Ver|BM734870.1 GI:19056203|MONO1\_14\_H06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:516  
GCACGAGCTCGTGCCGAATTCGGCACGAGCGGCACGAGGAATTCGACTCCTGGGTATTCACCTTAGAGA  
AATGAAAATTTATGTGTACACAAAAACTCTACAAAATTTGTAATCGCTAAAAAGTGGAAACAACCCAAA  
TGTCTTCAACAGGTGAATGAATAAAGTGGCACCTCCACATAATGGAATACTACTCAGCAATAAAGAAGC  
CACCAGATTTTACAGAAATACCCAGCAGTTCACACACTGATGATTTTGTCTTGAAGGCAGTATGCTAGAA  
GGACATTCCAGGGCAGAACGCATCTACCTGAAACTCCCTTGGCCAAATGTCCTAGAAAATCCTGAAAGA  
CCAAAGACTTTCAAATGTATTCCCCAGGTCCCCAGGGTTCATAAACAGGTAGGGGGTGGTCCCTCCTTG  
CCTCAACAGCAATTCATAGTATCTATTTCCATTCTACAGTTGCATGTAAAGTTTTTTTTGAAAAGATT  
TATATTAGAAAGATCTGAAAATATC  
>GBEQ2480 |Acc|BM734864|Ver|BM734864.1 GI:19056197|MONO1\_14\_H10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:641  
CAGTATGTATGCAAGTTTGAAGGTTGTGAGAAGACCTTTAGGAAGCATCAGCAGCTGAAAATCCATCAGT  
GCCAGCACACCAACGAAACCGCTGTTTAAAGTGTACCATGAAGGATGTGGAAAGCACTTCGCTTCTCCAG  
CGGGCTCAAACGGCACGGGAAGGTCCATGAGGGTTATATATGTCAAAAAGAATGTTCTTTGTGGCAAAA  
ACATGGACAGACCTTCTGAAACATGTGAGAGAAGCCCATCAAGAGGAAAGGCGCCGTTTACATGTGAAC  
ATGCTGGCTGTGGCAAGACGTTTGCAATGAAGCAAAGTCTCACTAGGCATGCCGTTGTGCATGACCTGA  
CAAGAAGAAAATGAAGCTCAAAGTAAACCTTCTCGTGAAGCGGAGTTTGGCCTCTCGTCTCAGTGGA  
TATATCCCTCCTAAAAAGAAACAAGAACAAGGCGTCTCTCTGCCGACAAACGGAGAGTCACTGCGCTGCC  
CTCCAGACCAGGTGCCCTGACTGCCGCAGTGCTCACCTCAGCCAGAGAGCAGCTTGCTTTGTTTAAAA  
GGACTACACATCAGCCAGCTCNAGTTATTTTTCTTGGCAGCACATTTTCTTTATTAATAAATTACTGATG  
CAGAACATCT  
>GBEQ2481 |Acc|BM734836|Ver|BM734836.1 GI:19056169|MONO1\_13\_C09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:496  
GCACGAGCCGCTCTGCGCAGTCTGTCCGCTGCCGTCATGTCCGCGCTGACGCCGCTGCTGAGGGGCC  
TGACCGGCCCGGCCCGGCTCCCGGTGCAGCGCGCCAGGTCCACTCCAAGCCGCGCAGGAGCAGCT  
CGGGACCATGGATGTACCATTTGGGCTCACCTCCTGCTTCTGTGTTTCTCCTGCCGCGGGCTGGATC  
CTGTACACCTGGATGACTACAAGAAGCGGGAGTGAAGGAAGCCGACCTCTCCCTCCCCCTCTGACCTGA  
CCGCCCTCGGCCCTGTCTCATCTGTCTGCTGCATTCTTGGCCGGCCTCCCCTGGATCATGTCTTTCAGT  
TACAGTGACCACGCTTGAATCATGACCTTGATTTCTCCACGGAGACATCTGGGACCACAGAGACATCC  
TGGGACCACATGTATCGGCTTATAAGGCCCTGCTCGGTAGGGTCCCCCTGTAAACAATAAAGTCTATTTAA  
ACCTTG  
>GBEQ2482 |Acc|BM734814|Ver|BM734814.1 GI:19056147|MONO1\_13\_E12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:657  
CTCTTTATTTCTTCTTTTTCAAAGCTTGGCAAGTTTAGAATTTTCAAGAATCTGGACATGACTGCATT

TTTTTCCTCAGTGTCAAAAGTTTCATTATATATATTACTTACTCTCTATCAACAGGTTGATTTCGCAAA  
 AGGCTGCAACAAAGGAAGTCAATCAGATGCAAAATAGGTTAATAGGAAAAAGCCGACAGAGAGAGAAG  
 TGCTGAGTCTGTGCAACATGGAGAAAAGTGCAAAAGAGGAGAAGCTGATTGGATTGCTTAACAATGAA  
 ACAGCTCAGGAAAACACAAGGAGAAGACAAAAATATTGTAAGTCTCAAGAATTTCTGAATGAACGAAAAA  
 GTTCTCCACAAAAATCTAGTGGCATACAATTCCTCAATTCATTTTATGAAACCCATCCAGATTTTACCAG  
 TGAAGATATATTCAACAAGTCAAGATCTCCAACCTGGTATACATATGCTTCTACGCCTGGTATGGAGGTC  
 ACAGACTTAGAAAGTTCTACAGATTTTGGCTTACTCAGTTTGGCTTCTAGTGAAGAGACAAAGGCAGATG  
 TGTATTATTATGGCTTTCATCATTCTTTTCTTTTGGTATTAGTATGTCTTGTCTTATATTTTCTCTGAAG  
 AAATCAAATAAAATCCTTTTGAC  
 >GBEQ2483 |Acc|BM734754|Ver|BM734754.1 GI:19056087|MON01\_12\_C12.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:451  
 GCACGAGCCGTGCCGCCACAATGGTGCATGAATGTCCTGGCCGATGCTCTCAAGAGCATCAACAATGC  
 CGAGAAGAGGGGCAAACGCCAGGTGCTCATTAGGCCGTGCTCCAAAGTCATCGTCCGGTTTCTGACTGTG  
 ATGATGAAGCATGGTTACATTGGCGAATTTGAAATCATCGATGACCACAGAGCTGGGAAGATTGTTGTGA  
 ACCTCACGGGACAGTTAAACAAGTGTGGAGTGATCAGCCCCAGATTGACGTGCAACTGAAAGATCTAGA  
 AAAATGGCAAAATAACTTGCTCCCGTCCCGTCAGTTTGGTTTCATTGTATTGACAACCTCAGCTGGCATC  
 ATGGACCATGAAGAAGCAAGACGAAACACACAGGAGGGAAAATCCTGGGATTCTTTTCTAGGGATGTA  
 ATGCGTACGTGCAAAATAAAATGCCTCAGTGG  
 >GBEQ2484 |Acc|BM734677|Ver|BM734677.1 GI:19056010|MON01\_11\_F07.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:7:Stop:653  
 GTTCCAAAGAGAGCAGTAGGAGAAGTAGTNTTAGCTCAGATGACGGTGATGAATTATAAAAAATAAACAG  
 GCTCAATTCATCAACTGGGAAGCAATTCATGTCCGTGCTATACATTTATGACCTGCGTTTTATATATGT  
 CTTTGGCTTAAGTTTTCTGGAAGGAATACATTGTTTCATAAAAAACTGATTAGAAACAACAGAAGAATTCA  
 CAGGAGGAAGAAAGATGGTATTGAAGAACAATTGAGAGCTAAAAGAGATTTCTCCCTCTTTGACTCCAGA  
 GTCCAAATCTACTTATATTTTGTTCCTGGAAGGAGGTACAACAGAAGAAATAGCTCTTTACTGATGTT  
 TTAAGTAGTGACTTGGTGATGTACTGTTGGAGCTAACAGACTGTGAAGAGTAAACCCACTGAAATATA  
 CAAACCTTTTCTAAGTTGTTCACTTCCATCTCTTCTTATTCAACTCTTACAACATTAGTTTTCAAGAAT  
 GAAGATCAACAGATCTGGTGGTCCATTGCCTTTCTCCACTGTCTGGTGGACATGCTGTCTAAAGCTCAAG  
 CCTTATAGGGGAAATAATCAGAAGACAGATTCTGTCACTTGTAAATTGAAAAGTGAATCTACAATAAATAG  
 TAGAATTTTTCACAGTC  
 >GBEQ2485 |Acc|BM734615|Ver|BM734615.1 GI:19055948|MON01\_10\_H03.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:1:Stop:393  
 GCACGAGATCGTGTGTCTCTCTGCTCCACTCCAGGTGCTTCTCAATCATGAATGTGTCCATGGCCCCG  
 GGCCCCCTAGCTGCTGTGGGCTCCCTGCTGGGCGAGGTGTTGGTGAGGGGGCGGAGTCTTTCGAGGGG  
 GCCTTCCCTCAGCTTCTGACTTGGGCTGGGCGCTGCCCTCCCTCCCTCCCTCCCTCCCTGTTGGGCT  
 GGAGCCTGCAGGGCTGCACTGAGGCTCAAGGTCTCCCCGGCTGTCTACCCCCACGCTGTCCCCACTCG  
 AGGGCCAGGGGGTGGTGGGGGAGGAGTTGTGTCTCGTCTTCTGTCTCACATGTGGTTTTGGGTGTTTTTC  
 TTGTTGTGTCTCGGATTCCGAATAAAATTAAGAAATGCTTC  
 >GBEQ2486 |Acc|BM734528|Ver|BM734528.1 GI:19055861|MON01\_9\_G03.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:4:Stop:576  
 AAGCAGAAAATGACCAATCAGTATTTTCTTAGTGGAACATTACAGCTGAAGGCGCCCTGGCAAGCC  
 TGGGTGTAGCCAGTGTGGTCTTCAAGGGGGCTTGTGGGGGCTCCAGATGGCATCTCTGGGCTCGGT  
 GCCCTCTACCCAATAGGGGTGCGGCAGGTGGGTGCCCTCCCTGAATCGAGAACCAGCCCCACCTCCCC  
 AGGGAGCCCCCGTCCCTCTGCCCCCCCCGGTCCCAGGCCGTGTGTGCCCCCTGGTGGTGTGGGCCCCCG  
 CCGCTCAGCCGGAGCCCCCGGTGTGATCGGTGCTCCTCGTCTGACTGGACTTCTCTGACTGGACTCCTG  
 GGGTGGGATGAAGCCGGGCTCACCTCTGGGCCCCCCCCGGGCCCCAGTCTGCCCCCGCCAGCTCCT  
 CCTCTCCCCGCCACCGGATGAGTGTCTGTCATCTCACTCTGGGTGTCTGCTGTTTATTTT  
 TGTAAGTGTCTTTGTATAACTCTAAACGCCCATGATAGTAGCTTCAGACTGGAAAGAGCAAAATAAAAT  
 AACGCAAGTCTGC  
 >GBEQ2487 |Acc|BM734516|Ver|BM734516.1 GI:19055849|MON01\_9\_E12.g1\_A005 Monocytes (MON01)  
 Equus caballus cDNA, mRNA sequence.:Start:121:Stop:657  
 AAGTCTTGGCAGCACTGTGCAAGGGCTTATTTATAGACTCATTTTTCAGGCTAGCCTGTGGGGTCCGCA  
 GCGTCTGCTCGCTCAGGTTCCGAGGCCGAGTTCGGCTTCTGGGCGCCGAAACGTCTGCATCAAGGTGCG  
 CAGGCGCTCACGCCCCCTGGCTGGCGGGAAACGCGCCGCTGCTCCGTTCTGCTGCGGAATTCGGCACGAG  
 TAGGATTGTACAGGGGTTACAGGGATGAGACTCTACCCAGAGGTCTTACTGTATTTTACATGTGCTG  
 TAAATTATTTGCAAAAACCTCTCCAAAAAAGAGGTAATAAAAAAGAAAGAAAAAAGTGGTATCTTAC  
 TCTGGCAGTTACAGACTACCTTAAAAACAAATATTGGTGACATAGCCAGTTAAGTATCAGTGAGCCTTC

TGTGTATGATCTGTCTGTTCTGTTTCAAACCATTTACATACACTACTGAGGTGAGTTTATAACTTGA  
AATGTGAACCTTTTTTTTTTAGGGTTAAGAACAACTATATAAATGTT  
>GBEQ2488 |Acc|BM734461|Ver|BM734461.1 GI:19055808|MONO1\_9\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:464  
GCACGAGCTGGGGGGACCACGGCCGGAGGCTAGAGGATGACCGTGCCTGGCAGGGCGCCGCCGACGGAGG  
CATGATGGACAGGGACCACAAGAGGTGGCAAGGTGGCGAGAGAAGTATGTCTGGTCACTCGGGCCCCGGG  
CACATGATGACCCGCGCGGGGATGTCAAGGCGCGGCAAGCTTCGCCCCCGCGGGGCTCGCGGGGCCACG  
TGATCCCGCGCGGGGATGCAAGGCGGCTTCGGAGGCCAGAACCAGGGGCGAGCCGGGCCAGCGATGCCCCG  
CTTCAGCCGCCGCTACTGAGCACCTGGCCCCGCGCGCGCGGGGCGCGTCCCGTTAGGAGCCCCCTCAACT  
GTGTACAATACGTTTTTTTATCTGCTGCCATATTGTAGCTCAATACAATGTGAATTTGTTTTCTGTTTTT  
TTTTGGTTTTTTTGAATAAACGTGTTTCTGTTTACATACCCTTT  
>GBEQ2489 |Acc|BI961949|Ver|BI961949.1 GI:16320152|MONO1\_8\_H03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:568  
GGCTTCTATTTTCGACCGCAGCATGTGGCTCTGGAGGGCGTATGCCACTTCTTCCGCGAGTTGGCGGAGG  
AGAAGCGCGAGGGTGCCGAGCTCTCTTGAAGATGCAAAACAGCGCGCGGCCGCGCCCTCTTCCAGGA  
CTTGACGCCGCTCCAGGATGAGTGGGGTACAACCTGGATGCCATGAAAGCCGCCATTGTCTGGAGAAG  
AGCCTGAACAGGCCCTTTTGGATCTGCATGCCCTGGGTTCTGCCAGGCAGACCCCATCTCTGTGACT  
TCTTGGAGAGCCACTTCCTAGACGAGGAGGTGAACTCATCAAGAAGATGGGCGACCATCTGACCAACAT  
CCAGAGGCTCGTTGGCTCCCAAGCTGGGCTGGGCGAGTATCTCTTGAAGGCTCACCTCAAGCACGAC  
TAGGAGCCTCCGAGTCCAGCGGCCTTTGAGGGGGCCCCCTTTGGTATCCCCCTGGCGTCAGAGCTTCTGC  
CTGAGCCTCTCCCTGCAGCCACTAGAGATAGCTTTTAACTAGCCTGGAGCCTTCTGCCCAAGCCTGACC  
AAAG  
>GBEQ2490 |Acc|BI961897|Ver|BI961897.1 GI:16320100|MONO1\_8\_A12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:42:Stop:646  
GGAACCCGAGTCAACTGTAGATGCCTCCAGAGCATCCACCCACCCAGTGCCTTGGCCACAGAACTGTCC  
ACCTCATCAACTGCCCAGCCCATTTCTGTCTAGCTCCTCTGCCTGTGGCTTCCAGTACACCTGTGAGAAGA  
TTCCAGGGACTGGGCCAAATCAGCAAAAGGTTGGGCGAGACCCAGAAAGCTATGCTAGATGCCCCCGGGC  
CACTCGAGGGCCCCGAGACAGCCGAACGGAGGCACCTAAAGGGAAGGGAGTGCAATGGCCCCAAAGGT  
GCCACTGATACCCAGGAACCTGCCACTTCCCTGAGGGGCCCTCAAGGAGCCCATGGACCTAAAGCCAGAAC  
CCCGTAACCAAGGGGTTGAAGGTCCACCCCAAGAGAAGGGGCTGGCAACTGGCAGGGTCCCCACCCCG  
CAGGACTCGGGACTGTACCCGCTGGGAGCGCTCCAAGGGTCAACACCGGGTTCTTCTACCCCGCCTG  
CCTCGGGGTGCGGGAGCCTACCGACCTGGTGTCTGAAGGGAGCCCCCTGAGCCTGGAATCTGAGGACGGTT  
CCTAGCAGTACTGTGCGGGGACAGGGAATTTGGGGTGGGAGGGG  
>GBEQ2491 |Acc|BI961737|Ver|BI961737.1 GI:16319940|MONO1\_4\_A01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:14:Stop:544  
GAATGAGTAGCTTTCTGATGCTCTGTATGTCAAACCCACCCCTGGCCCAAGAAATTGCAGTCATGTGAAA  
CAAAGTGCCTTTTGTCTCAAAGAAGTTGTTTAAAAAGGAACTTTTAAAAAGATTTTTTTCATATTAT  
CTGCCTTGTCTTATCAACTGAAATGTTAGCATTTTCTAACCGTGTGTTTGTGGCTACAGTAATTCAGT  
ATTCTGTCAAATTTGAAAAGTGCCCTAATTGAATGTGTTTGAATGTTATCCTTGACAATTTCTTAAAT  
TGAAAAGACAAAATGTTTTACCTCACTGTTGGACATACATTCCAAGCTTTTCAACTCTAGGAGAAAAAAA  
AAATAGTCATATGTTTTCTGTATTGTAAATTTAGACTATTTTCATATACATTGTATTAAAACTGCCATA  
TCGATTTTAAATGTATAGATTTTGCAAATACTATGCTATATGTAATACCTAACTGTATCTGTAGTGTATAT  
GTAATATATTTATGCCCAACTAAATGTTTTAATTCCTTCTG  
>GBEQ2492 |Acc|BI961689|Ver|BI961689.1 GI:16319892|MONO1\_3\_C06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:509  
GCACGAGCTAGCTTTTAAATTTAGCACAGCTGGTGTCTCTGTAGATGCTTTCTCCAAATTTAAGAGAAAAT  
TGGAGAGCTGCACCATCAATATGGTAACCACTAGCCACATGTGGCTATTTAAATCAATTAAATTAATACAT  
AAAGTTAAAAATTTCCCTCCTCACTTACACCCACCATTTCAAGTGCTGAGTTGCCACATGTGGCTAGTG  
GCTGCTGTACCGAACACCGAGGCAGAGACCATGTCTATCTCTTGGACAGCACTGCTGGAGAACTAACTG  
ACTTAACACGTCACAGTCCCAGCTTTGCTGGGATGGCCCTTTGCTCCCTGGGTAAAGAGGGGGATGGCGG  
CAGGGGCTGATTAGGCTTAGCTCCAGAGCCTGTGTCTGCGACCCCTCCTCTCCAGAGACGAGAGGCTG  
GTGGCTTAGCCTGGGCAGGCCAGGTCATCTCTGACCCCACTGGCTGGGTGGAGGGAATGATCCTCGCTT  
CTGACCCCTCACCACAGG  
>GBEQ2493 |Acc|BI961670|Ver|BI961670.1 GI:16319873|MONO1\_3\_A05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:614  
AATGAGACCAATGAAATCGCAATGCCAATCCCGTCAGCAGATCCGGAAGCTGATCAAAGATGGCCTGA  
TCATCCGGAAGCCTGTGACTGTCCATTCCCGGGCTCGATGCCGAAAAACACCTTGGCCCGCCGGAAGGG



CAGGCATATGGGCATCGGTAAGCGAAAGGGTACTGCCAATGCTCGAATGCCAGAGAAGGTAACCTGGATG  
AGGAGGATGAGAATCCTGCGCCGGCTGCTTAGAAGATACCGTGAATCTAAGAAGATTGACCGCCACATGT  
ATCACAGCCTGTACCTGAAAGTGAAGGGTAATGTGTTCAAAAACAAGCGGATTCTCATGGAACACATCCA  
CAAGCTGAAGGCAGACAAGGCTCGCAAGAAGCTTCTGGCGGACCAGGCTGAGGCCCCGAGGTCTAAGACC  
AAGGAAGCAGCAAGCGCCGCGAAGAGCGGCTCCAGGCCAAGAAAGAGGAATCATCAAGACTCTCTCCA  
AGGAGGAAGAGACCAAGAAATAAAGCCTCCCCCTTTCTGTCTGTACATAGTGGCCTCGACAGTTCGGTA  
GATCAACCATTCATAAAACAA

>GBEQ2494 |Acc|BI961665|Ver|BI961665.1 GI:16319868|MONO1\_2\_H08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:38:Stop:581  
TGGAGCCTAGAAGTTCAAAGCAAGGTGTACAGAGGCTCTTCTAGCTTCCGGTGATCGCCGGCCATCCCT  
GGTCATCCTTGGCCTGTGCATATCACTCCAACACACGGCCTACGTGTGCGCACATCTTCTTCCCCCTGT  
GCGCGTCTCTGGGTCCAAATTCCTCTTTTATAAAGACACCAGTCATACCTGGATCAGGGCCACCCATAATG  
ACCTCGTTCTACCTGATTGCTTCTGTAAAGACTGTATTTCCAAGTGAGGTACATTCTCAAGTACGGGGT  
GTTAGGAATTCATGTGTCTTCTTGGAGGGGACGATTGGACCCCGTAATAGCGGGTGTGAGAGCAGGGA  
AGCAGCCCAGCAGGAGGAGGCTGCAGGTGGGGGAGCAATGAAGCAGCAATGCCGGGACCGTGG  
TCTGGTTTCTCACGGCCAAGAAGGGAAGTGCAGATACATCAGGGAGAAAGCCAGAATGAACCTGCGGTG  
TGGGACTGGAATTGGGGAGTGTGAGTGTGAACCTTATGTTTTCAAAATGATAGAT

>GBEQ2495 |Acc|BI961658|Ver|BI961658.1 GI:16319861|MONO1\_2\_G08.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:601  
GCACGAGCTCGTGCNGTAGAGGCTNTCAGCTGGGCACAGTGTCTGCGCCCTCCAAGCCTGGCTCTCTC  
AGAGCCCTGGACTTCTGGAGAACAGTGTCCATTTTACTNTGATGGAAAGTTGGCAGGGCATTAAAGAC  
AGACAGGAACCTATTATTATTATTAAGATTTCATTAGTACCTCTGATTCCATGGATTGCCCCCTCCCTTAA  
ATGCTCAGTTTCTCTGGAGATCTCTCTGAAGGTGTGTGTACCTGAGCAGGTTTGTGCATTTTCACT  
GGGGCCTAAATAGTTGTGACGCTGCACGAGGGGGTTTGGTCCCATCCTAGTTTTATTACCTGAGAATCGG  
CCAGCGTGGGATTGGGGAGAGGGTGGGTCTAAGCACCAACATCAACTTTGTTTTGGACGAGGAAGGGT  
AGTTTTGTAATTTTGTTTAAATCTTCTCTTCAACAGCTGGAAATATTGCACTATCTAAAACACTGACTGT  
TCTTTTATAGCTGGTGTCTGACACCTTGACGGCTCTTGATGGCTCTAAAAAATTGTGGGTTTTTTTG  
TTTTCATAGATAACTTATGGATTAAAACTTGCTAAAGGCTT

>GBEQ2496 |Acc|BI961652|Ver|BI961652.1 GI:16319855|MONO1\_2\_F10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:170  
GCACGAGTGGTAATCCTGCTCAGTACGAGAGGAACCGAGGTTCACTCATTGGTGTATGTGCTCGGCTG  
AGGAGCCAAATGGGGCGAAGCTACCATCGGTGGGATTGACTGAACGCCCTTAAGTCAGAATCCCGCCCA  
GGCGGAAGGATACGGCAGCGCCGCGGAGC

>GBEQ2497 |Acc|BI961649|Ver|BI961649.1 GI:16319852|MONO1\_2\_F06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:65:Stop:541  
TGCAACAGGACATCAGAATGGAGAGCATGCAGGGTTCCCGGTGATGTGCTGTGAAGACGTCTTTCTTTCC  
GACCCTCTGCTGCGCGAGGGCAGCGTGTTCCTGTACCTGTCTGAGGCCTCTCAGCAGGTGCTGGGCT  
CTCTGAAGCTGCTGCTCCACCCCTATTATGTCCCCCTGGGTCTCCCCACCTCATCCCCCTGGCTGCTC  
CACCGCTGGCTCAGTGGGCTGAGCTGATCGCCCTCACTGGCCTCTGCAGATGAGCCAGGGGAGCCA  
AGACCCAGCTCCTCCATCTCAGGGGCTCCACGCCCCCTGCTGGCCCCCTGACCTCTCTCTGACCACC  
CAGGCCTCAGTGGTGGCGGGAGCTGTTCTCACTGTGCTGATCCATCGCTCCAGGGACCCAGACAGTCA  
TTGTCTATAGCTCCTCTGGGGGACAGTGGGCCCCCGTTCCCCCAGGCAGATCTTGA

>GBEQ2498 |Acc|BI961647|Ver|BI961647.1 GI:16319850|MONO1\_2\_F04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:573  
GCACGAGCGGCACGAGCGGCACGAGCTCGTGCCGCGAGCAGTGTCTGGACAGACATTTGTGTAGGCGAAG  
CAGGAAGCAACCCACTGCGTTCCCGCATTTCCCGAGTAGCTGGTTGCTTATGTAACCTTGACAATTTACAT  
ATATTGATTTGGCGAGCTGAGAATCCTGATTAATGTTTAAGGAACACAAAGGACTTTGTTTGATATC  
TTTATCAAGTAGGGAACAGAGTGAAGTCACTTTTCTCTCATGCCCAATCTTGTTTTCCAGAACCCTT  
TCCACTTCACTCTGGCCGAGCCCCCACTTTGTTGAACATATTAGATCTACCTTGATGTTTTTAAAAA  
AATACCCATCTCCAACCAACACACTGTTTCTGGAATTAAGGCCCTACTCTACAAAAAATGAAGATGG  
CTTATGGGAGAAGATCTCTCAGGAAGCTAAAAATAGGAATGACCAAAGAAAGCAACCTTTTGGCAGGAC  
AGAGCCACTGGTGGGGTTGGAAGAACATGAATTTGAATCTACAGCCGCTGAGTCTTAGGTCTCCCTC  
ACTCAGGTCTTCA

>GBEQ2499 |Acc|BI961621|Ver|BI961621.1 GI:16319824|MONO1\_2\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:658  
TGTAAGAACAAGCCATACCCAAAGTCTCGCTTCTGCGGAGGTGTCCCTGACGCCAAGATTGCGATTTTCG  
ATCTGGGGCGGAAGAAGGCAAAAGTTGATGAGTTCACCTTTGTGGCCACATGGTGTCTGATGAATATGA.

GCAGCTCTCCTCAGAAGCCCTGGAGGCTGCTCGTATTTGTGCCAACAGTACATGGTGAAAAGCTGTGGC  
AAAGATGGCTTTTCACATCCGAGTGC GGCTCCATCCCTTCCATGTCATCCGCATCAACAAGATGTTGTCCT  
GTGCTGGGGCTGACAGGCTCCAAACCGGTATGCGGGGTGCCCTTGGAAAGCCCCAAGGCACAGTGGCTAG  
GGTCCACATTGGCCAAGTCATCATGTCTATCCGCACCAAGCTGCAGAACAAGGAGCATGTGATTGAAGCC  
CTACGCAGGGCCAGTTCAAGTTCCCTGGCCGCCAGAAGATTCACATCTCGAAGAAGTGGGGCTTTACTA  
AGTTTAAATGCAGATGAATTTGAAGACATGGTGGCTGAAAAGCGGCTCATCCAGATGGCTGTGGAGTTAA  
ATACATCCCTAATCGTGGCCCCCTGGACAAATGGCGAGCCCTGCACATCATGAGAGCCTCAGACTGCCCT  
CTTCTTACTCATGCCCATCAAA

>GBEQ2500 |Acc|BI961616|Ver|BI961616.1 GI:16319819|MON01\_2\_B03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:34:Stop:495

GTTCTATGGTATATCTACCACAATCTTAAATTACATGGAAAGCATCAAGATTTTCTTACTATATGATTGA  
ATTCCTAGAATGCATCATGCGTAAGCTCAACAGACGGCTGAAGAGCCACAATCTCAAAGTCTCCTTAGA  
AACATTTCCATCTAAATCATTAACAAATTTTACATTTTATTAGTTTAAATACCTGGATGAATTTATTTTC  
TGATATGAATAACGAAGTCAGAGAGTGAGCATATCAGAGAGGCAAATCCTTAAAAATGAGTTAAAAAA  
TCAAATCTAGGAAGAGATCAGCACCAATGGGTCTTAGCATGGGATTCAACACCTAGAAATATGACTGCTT  
CATAGTCAGAGATGACAATATGACAATATAATCTAAATTATACTGTCAAATGAGCAAGCATTTCATTGGAT  
AAAACATAACAATAATTTTTTTAAGACATCCAGGTTGCTGAA

>GBEQ2501 |Acc|BI961587|Ver|BI961587.1 GI:16319790|MON01\_1\_G02.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:59:Stop:628

TGGGCTTGGGTCCAGCCCGGGGGGATGGGGAAGCGGTTCAAGAGACCTGGGTGGGAGGAGACAAGAGG  
TCTGTACGTTCTGTTTCTTCCCGTATAGCTGTGTGAAAGTGTGTGTACCTGAGACATGTTAATCTATAGA  
TGTCACGTGTTAATTGTGTGGCCACACAGAAGATGTATCTGATTGCTGTGTGACAACCCAAGTTTGA  
AGAGTGAGACACTGCACAAAAGACAGCAGCGAGTGTGCTGGCCTCTCTGATGTATGTTAACCCAAATGTA  
CTCAGCTTTGAGTATGACTGAGCACAGGAGGGTCTATGTGGCTGTGACATCTGCATATGGCTGTAAC TTC  
GGTGGCTCAACACTGCCATCCTGCCCAGAAGCAGGGGGTGAGAGTCTGGGTCCCAGGCCACATGTGTG  
GTTCTCTCCGTGTATTAAGGGGACCGACCCCTGCTTTTCTACTTTCCACCCACTGCCAGCTGCCCTCC  
ACTCCCCATCCCATGCCACTCTTCTCCCTCTTGGGGGTCATAGATCCTAAGCCATAAAATAAATTTT  
ATTCCAAACA

>GBEQ2502 |Acc|BI961580|Ver|BI961580.1 GI:16319783|MON01\_1\_F03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:4:Stop:576

GTAGCAGCAAGGTGAAGACCTTGCTGCTAAATGCTGCTCAGGACACCATGGCGCCCCCTGACTCCACC  
CAGCCCTGCAGGACCAGAGCTGCCACTCGAGGATACAGTCTGTCAGAACCTGGAGCATCTGCTAGATGGG  
CCAGGAGCCCAGGGCAGCTGGGCAGAGCTGGCAGAACGGCTGGGGCTACGCAGTCTGGTGGACACGTATC  
GAAAGACAGCCTCACCCAGTGGCAGCCTCTGCGCAGCTACAAGCTGGCTGGTGGGACTTGGCAGGCCT  
GCTGGATGCCCTGTCTGACATGGGCCTAGAGGAGGGAGTGAGGCTGCTGCGGGGTCTGAGGCCGAGAC  
AAGCTGCCCAGCACAGCAGAGGCGAAGGAGGACAGTGCATATGGGAGCCAGTCGGTGGAAACAGGAGGCAG  
AGAAGCTGGGCCCCACCCCTGAGCCACCAGGAGGGCTCTGCCATGGGCACCCACAGCCTCAGGTGCACTG  
AAGTGTACCCCACTCAGCAGCCCCCTTCTTGGGCCCCCTGTGTACAGCATCCCCCATTCAGTTCTTATT  
TAACACCCCATGC

>GBEQ2503 |Acc|BI961578|Ver|BI961578.1 GI:16319781|MON01\_1\_F01.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:16:Stop:536

GCTTCAGGTGCGGGGACAGAGGGCTGCCTGGTGACAGCAAGTGCAGCTCCCTTGACTAATGAAGGGGGA  
GTCTGCCCCGCTGATGGGATCGTGGCCCCCTCGGCTGGCACAGCCGAGGGTCCCAAGTTCAGGGTAGGTG  
GTCCTCCCGTCTGAGCTGGCAGGAGTGGCCTTCTGCGGAGAAAATGCCCGCCCCGCCCCCGCAGCCA  
GGTGGGTGCCACACGGCAGCCTTCCCGAAACGCAGTATGAATTTTTTAAATTTGTTTATTTTGTCTC  
AACCACCTTTATAATGTATTTTTTAAATTTTATTTTGTAAATGTCTTGTCTTCAAGTATTGCTGCTATCCCTGT  
TAGCCTTCCCACTGTTTTTATTGCTGATTTTTTGTGAAAGTTGTACACTAATGTTCTGTTTTGTCAAA  
ATCAAAAGTATTTAAAGAAATACTAGTTCTATTTAATGTGGTTATGGAACCAGCTGGAAACACAAAACAA  
ACAGTGATTGCACAGCAGGCTGGACCCGGGA

>GBEQ2504 |Acc|BI961526|Ver|BI961526.1 GI:16319743|MON01\_1\_A07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:7:Stop:569

GATACAGGTACAAAAGAGTCTAAAGAACTGCCAAGGAGGAGGCAGCTGAGCAAACAGCTGCNCAGGAC  
CAGGCCAAGGAAGAGTACAGAGCAGCAGCGGAACAGGCCGTGTCTGTCCGACAGCAGGCTGCCCTAGAAA  
ACGCTGCCAAGAAGAGAACAAGTACTCAAGGACCACAGAACAGAAACAGAGAAGAAACGACT  
CAAAATTGCCAAGAAACCAAGACCCAGATCCACCCAGAAAAGACTTTACCCCTTATGACTACAGCCAG  
TCGGATTTCAAGGCTTTTGTGGAACAGCAAATCCAAACCTTCTTCCAGTTTGATCCAAATAAGCAGA  
CCCAGTCTGGCAAGAAATGCATTGCAGCCAAAAGCTTAAACAGTCAATGGGAAACAAAAGCATGTCTT



>GBEQ2505 |Acc|BI961520|Ver|BI961520.1 GI:16319737|MONO1\_6\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:75:Stop:600  
CGACCCAAAGCGCACCATTGCTCAGGACTATGGGGTCTTAAAGGCTGATGAAGGCATCTCATTACAGGGGC  
CTCTTTATCATTTGATGATAAAGGATCTCTTCGGCAGATCACTGTGAATGACCTTCCTGTTGGCCGCTCTG  
TGGATGAGACTCTGAGACTCGTTCAGGCCTTCCAGTTCACTGACAAACATGGGGAAGTGTGCCAGCTGG  
CTGGAAGCCTGGCAGTGATACCATCAAGCCTGATGTCCAGAAGAGCAAAGAATATTCTCGAAGCAGAAA  
TGAGTGCTGGGCCATTTTAAAGGCCAGGCTGCGAGTGGCGACCCATGAAACAAAACCTCTTTTATTGTACT  
ATTGTCATGCTTAAAAATAACAAGGCTTAGACTGGCCAGATGTGATATGGGACAGGACAGGCTTTCC  
TGCAAGGGGTTGGGGAGGCCAGCCTGCTTTCCTCTGGAGGGAATGGCCGAGTTGTGCTGTGGGGCAGGCC  
AACTGATGTGTACAGTACTGGGGCATCACTTTTGTAA  
>GBEQ2506 |Acc|BI961406|Ver|BI961406.1 GI:16319609|MONO1\_5\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:507  
GCACGAGCCTCGCGCTCCCCGGTCAAGCTTCGGTGCCTCGTTCCTCCGAGCGGCAAAAATGTCCA  
GCCCTACAGAGACTGAGCGGTGCATCGAGTCTCTGATTTGCTGTTTTCCAGAGATATGCTGGCAAGGACGG  
GAACAGCAGCAAACTCTCCAAGACGATCTCTCAACCTTCATGAACAGAGAAGTGGCTGCCTTCACAAAG  
AACCAGAAGGACCCCTGGTGTCTTTGACCGCATGATGAAGAACTGGACCTCAACGCTGATGGCCAGCTAG  
ATTTCCAAGAATTTCTTAACCTTATTGGGGGCTGGCCATAGCTTGCCATGAGTCCCTTTCTACAAGTCTG  
CTCATTCCCAGAAGTAAATCTTAGAAGCCCTTGGGCCTGGTCTCCAAACCCACTTCCTTTCTTCCAGCC  
TCCCAACCATCATCTACTCTTACGGCCACACATACCTGAGCCCAGGGCACCACACCCCATGCTGG  
CCACTCCTGCTACTATA  
>GBEQ2507 |Acc|BI961341|Ver|BI961341.1 GI:16319544|MONO1\_4\_C07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:283  
GCACGAGACTAAATGAATTCGGGAAAAGCACAACATTCGTCTCATGGGGAAGACGAGAAGCCAGCAGC  
CAAGGAAAACCTCAGAAGGGGCTGGGGCTAAGGCCAGCTCAGCTGGAGTGTGGTCTCTAGGGACCAAGG  
CCTTTGCATTTTTTTTACCCCGACTCCCATTTCTTCTAATTTCTCTTTATTGTTATTATTATTATTTTCT  
CTGCTATTGTAATATTTTTTTGTTAATTAATGTTTTGGTCAGAAAAAAAAAAAAAAAAAACCTCGTGC  
CGA  
>GBEQ2508 |Acc|BI961319|Ver|BI961319.1 GI:16319522|MONO1\_8\_H08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:507  
GCACGAGCGGCACGAGCGGCCAGGAGACCGCTCGAGTTCTGACGTCGCTCCGCTCCGAGGGTGGCGA  
GACCGCGGAATCGCAGCCATGACTGAGGCTGATGTAAATCCAAAGGCCTACCCCTTGCAGACGCCCCACC  
TCACCAAGAAACTATTGGACCTTGTTCAGCAGTCGTGTAACACAGCAGCTTCGGAAGGAGCCAATGA  
GGCCACCAAAACCCCTCAACAGAGGTATCTCTGAGTTTCATTGTGATGGCTGCAGACGCCGAGCCCTGGAG  
ATCATCTTGCACTCCCGGCTGATGTGTAAGACAAGAATGTGCCCTATGTGTTTTGTGCGCTCCAAGCAG  
CCCTGGGGCGGGCCTGTGGGGTCTCCAGGCCTGTCTATTGCCCTGTTCTGTACCATCAAAGAAGGCTCACA  
GCTGAAGCAGCAGATCCAGTCAATTACGAGTCCATTGAAAGGCTCTTAGTCTAAACTTGAGGCCTCTGC  
TACACTTTTCCCACTGA  
>GBEQ2509 |Acc|BI961271|Ver|BI961271.1 GI:16319474|MONO1\_8\_C08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:512  
GCACGAGTAGGCTCCCACGGCTCTGTGTCTTGCTTCAACAGTGTTTGGACGGAACAGACCCCTGGGACT  
CCTCTTTTTCCAGCCTCCGACCCACCTTCAACCTCTTTTCCAGTCTCAGCCTTCGGACCAACTTCTCAAC  
CATCTCTACACTTCGGCGGGATCACTAATAACGTTCTTTTGAGCTCAGCTCCTTACTGCCAGTCAACCA  
TGAGCTCCCAGATTCTGTCAGAATTATTTCTACTGAAGTGGAGGCCGCGCTCAACCGCCTGGTCAACCTGTA  
CCTGCGGGCCTCTACACCTACCTCTCTGGGCTTCTATTTCGACCGCGACGATGTGGCTCTGGAGGGC  
GTATGCCACTTCTTCCGCGAGTTGGCGGAGGAGAAGCGCGAGGGTGCCGAGCGTCTCTTGAAGATGCAAA  
ACAGCGCGCGCGCGCCCTCTTCCAGACTTGCAGAAGCCGTGCCAGGATGAGTGGGGTACAACCTT  
GNATGCCATGAAAGCCGCATT  
>GBEQ2510 |Acc|BI961270|Ver|BI961270.1 GI:16319473|MONO1\_8\_C07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:594  
GCACGAGGTCTCTGGAAGATTCTGCCCTCGCTGGCTGTGTACTGATCAAGAACCTTGACCTCTCTGAG  
GCTCTGCGTCCCTGACCATAATAAAGAAAACAGTGAATAAAATTTGGGTTTTGGGGGCACCTTGGTGTGTGC  
CAGGATCCAGGCATCGTGCTAAGTGCCCTCTGTGGATTAGCTCATTTAATCCCCACGGCGACTCCGTGG  
AATAGAAGCTGATATCTCTTTTACAGATGAGGAGGGCCCTTCCAGGCTGGACGGTGGCAATTCGGGG  
AGTCCACAGTGGCCTGAGCAGACTCAGCTTCTCTCTCCACACCCAGGAGGCCCGCTGAGTGACTTCTT

CTTTGCCCTTTTCATGTTTCACATGCCTGATCCAGTCTCTCTCTTCCCCAGGATGCCAGGAGCACAAAGATC  
TGCCGTGTTTGAAGGCCCACTTCAAGGGCAACACCATGGAGATCCAAGAGGATGACGTGCCAGCCTCT  
GGGTGTACGGCTTCTCTGACCGCGTGGGCAGCGTGAAGGTCTCCAGCGGAACGTAAGCATCCGTCTGCC  
AGGCCCTTGGCTCCTGCCTCAAGCACAGGCAAGC  
>GBEQ2511 |Acc|BI961120|Ver|BI961120.1 GI:16319323|MONO1\_6\_C07.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:522  
GCACGAGCGCTGCTGCAGCTGCGTCTGGTCTGCCCGCTCCTGCTCCTGGCTCACCGCTGTTGCTCTCG  
CAGAGGGACAAGTCGCTCAGGAAGCCGCGCCGAGCCATGGCTTTTAAAGACACCGGAAAGACACCCGTG  
GAGCCGGAGGTGGCGATTACCCGGATTAGAATTACTCTAACCAGCCGCAACGTCAAATCTTTGGAGAAGG  
TGTGTGCTGACTTGATCAGAGGCGCGAAGGAAAAGAATCTGAAAGTGAAAGGACCAGTTCGGATGCCCCAC  
CAAGACTCTGAGAATCACAAACAAGAAAACTCCTTGCGGTGAAGGTCCAAGACGTGGGACCGCTTTTCAG  
ATGAGGATCCACAAGCGACTCATTGACTTGCACAGTCTCTCTGAGATTGTTAAGCAGATTACTTCCATCA  
GTATTGAGCCAGGAGTCGAGGTTGAAGTCACCATTTGCAGATGCTTAAATCAACCTTTTTTAATAAATTGAT  
ACCAATTGTTAAAAA  
>GBEQ2512 |Acc|BI961111|Ver|BI961111.1 GI:16319314|MONO1\_6\_B10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:314  
GCACGAGGTGTCCACAGCAGTGGATCAGCGACCTGAAGACGAACAGCGAGGGCTTGGCCAGTGTGGTG  
TTGGGTCTGAAGAGTAGCGTAGTAGATTAGAAGTCTCTCCAGTTTCTTTACCCTTCTTGTCTGCTCCCG  
CTGGGGAAAGCACAACTGAATACCTTTTCTGACTAAGTTCAATCTACAAAGTCAAAATAGTGCCACTA  
ACAATTGGATTTTGCCTGCTTGAAGTGTAACTTTTCAGCCAGGCTTTTCTTTGCCTCAAATAAAAAGT  
ACGTTTGTGAGCTTGA  
>GBEQ2513 |Acc|BI961023|Ver|BI961023.1 GI:16319226|MONO1\_5\_B05.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:553  
GCACGAGCCTCGCCGCTCCCCGGTACAGCTTCGGTGCCTCGTTCCACTCCGAAGCGGCAAAAATGTCCA  
GCCCTACAGAGACTGAGCGGTGCATCGAGTCTCTGATTGCTGTTTTCCAGAGATATGCTGGCAAGGACGG  
GAACAGCAGCAAACTCTCCAAGACCGAGTTCCTAACCTTCATGAACAGAGAAGTGGCTGCCTTCACAAAG  
AACCAGAAGGACCCCTGGTGTCTTGACCGCATGAAGAACTGGACCTCAACGCTGATGGGCAGCTAG  
ATTTCCAAGAATTTCTTAACCTTATTGGGGCCTGGCCATAGCTTGCCATGAGTCTTTCTCAAGTCTGC  
TCATTCCCAGAAGTAAATCTTAGAAGCCCTTGGGCTGGTCTCCAAACCCACTTCTCTTCCAGCCCT  
CCCAACCATCATCTACTCTTACGGCCACACATACCCTGAGCCAGGGCACCCACCCCATGCTGGC  
CACTCCTGCTACTATTAATAAAACAATATTTGTTTTTAAACACAAAAA  
>GBEQ2514 |Acc|BI960956|Ver|BI960956.1 GI:16319159|MONO1\_3\_B04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:465  
GCACGAGGGAGGCGCGACGATGCCTGGAGTACTGTAAAAGACGTGAACCAGCAGGAGTTCGTCCGAGCC  
CTGGCAGCCTTCTCAAAAAGTCCGGGAAGCTGAAAGTCCCTGAATGGGTGGACACTGTCAAGCTGGCCA  
AACATAAAGAGCTTCTCCCTACGATGAGAACTGGTCTACACGCGAGCTGCTTCTACAGCGCGGCACCT  
GTACCTCCGGGGTGGTGTGAGTGGCTCCATGACCAAGATCTATGGGGGACGTGACAGAAACGGTGTG  
ATGCCAGCCATTTAGCAGAGGCTCCAAGAGCGTGGCCCGCAGGGTCTCCAAGCCCTGGAGGGGCTGA  
AAATGGTGGAAAAGGACCAAGATGGAGGCGCAAACTGACACCTCAGGGACAGAGAGATCTAGACAGAAT  
CGCTGGACAGGTGGCTGCTGCCAACAAGAAGCATTAGAACAAATG  
>GBEQ2515 |Acc|BI960945|Ver|BI960945.1 GI:16319148|MONO1\_3\_A03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:480  
TGGCCTTGATCTCCTGACCTCGTGATCTGCCTGCTTGGCTCCCGAAGTGCTGGGATTACAGGTGTGAG  
CCACCACGCCCGGCTATTCTACTTAATCTTTAGAGCAATGCTTTGAAATATAATAAATGCTATTACAAT  
TACCCTAFTTTTTATATAAGAACCAGGTAAAGTAATTTACCTGAGCAACTCATCTGGGACTGAAGCCC  
AAGTATGTTGCATCCAGCCCAAGAGCTGAATCTTCAAGGAAGAGGAGAGGGACAGGGAGGATATTCT  
ACACCAGAAAGCTAACATGGACCCAGGCATGAAGGAAGGGATGTGTGTCATCTGTGTGCGAGATTTCCA  
GGGGAGGAGATGGAGGGAAAGTCAGAGTCCAGTTATAGAGCCTGACAGAGGAGCCAAAGACTATGAAGTAT  
TAGGAAAGCAGTGGGAAAAAAGAATGAGATAACCTTCTTATACCGATGTTGGGAGTTTG  
>GBEQ2516 |Acc|BI960903|Ver|BI960903.1 GI:16319106|MONO1\_2\_C12.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:588  
GCACGAGCGTGTCTCTGCCCTCCCTTAATTTTCATGATGAAAATGGACCTAGAACTGGCACTTTACTCT  
GTTTCACTTCATGAATTGAGAATGTACTATGCAGAGCTGCCAAGAATCATAAGATAACTGGTAGGTGGC  
TGTGCGGCATGAGGGCTCCCCCTTGGGGCAGTTTCTTGTTCACAGTACAGTGTTCAGCAGTTTCAGGGCT  
AGGGGCTGGGCACCTATGTGAGAACAGATGAAAGTTTTCAGCACCAGTCCAGTCTGTCCATTGGGAGC  
AATTTGGAGTGGGCCGCGCTTAGAGCCCTCCCCCGCTGCGTGGAGGCCGAGGGCAGCCTGCCCGCGG  
CGCAGTGTGCTCCGGTTGTAATTTGTCAACAGCTGGCACCTTGGCTTCTCTTACTTTGTCTATGTTATG

AGGTCTCAGCAATTCACAGAACTCTCCCTCCTTTCTGCTTCCACCTGTCACCTTTGCTTCTGAAATAAG  
AACCATTTGTGTAAACACCAGTACTTAACCTAAGAAAGACATGCATTCTGTGGTCGTAATCAGACGATGCT  
CTCAGATGACCTACTCACATCTTCAGTG  
>GBEQ2517 |Acc|BI960801|Ver|BI960801.1 GI:16319004|MONO1\_1\_A06.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:164  
GCACGAGCGGCACGAGGTTTGTAAAGCTATTAAGACAAAGGTTACTAATTTGTGTAATAGTGTATTTATG  
TAGAAGAAATGTACAGCTTTATGGACAAATGTATACTTTTTTGTTCCTTTAATAAAAATGTAGTGGATGAA  
AAAAAAAAAAAAAAAAAAAAA  
>GBEQ2518 |RC|Acc|CD536611|Ver|CD536611.1 GI:31579026|LeukoN6\_5\_E01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_E01\_A028 3', mRNA  
sequence.:Start:1:Stop:112  
AGTTCAATTTCCATTTCATTGAGACTTACACTGTTGAAGGAGTAAAGTTCACCCGAGGAATAATACCAG  
TGCACATAATCCAGAGGAGGAGGAGCGACCGCATGAACTGC  
>GBEQ2519 |RC|Acc|CD536093|Ver|CD536093.1 GI:31578508|LeukoN6\_3\_B12.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_B12\_A028 3', mRNA  
sequence.:Start:1:Stop:645  
AGGGAGTCGTGAATCGGATCTGCAAGAACATGAGGCCCTGTGGTTCTTCTCTTTCTGGTGGCCGCTCC  
CTCATGTGTCCGGTCCCAGGTTGTCTAAAGGAGTCAGGACCTACACTTGTGAGGCCCTCGCAGACTTTC  
TCCCTCACTTGTTCGACATCTGGATTAGAGTATGATATCGGTCAATATGGTGTGGAATGGGTCCGCCCTCT  
CTCCGGAAGGGGACTGGAATTTGTGGGAAGATTAGATCCGAGAAAAGGTACTCGTTACAATCCAGTATT  
CGGATCCCGGGTCACAGTCACAGTGGACGCGGTCCGAGATTCGATCCTCTGACAATGGACCACGCAACG  
GAGGACGACTCGGCCGTCTATTACTGTGCCGTGATGAGTCTGCCAGGCGTCTCGAACATTGGGGCCCCG  
GCACCCGGGTACGGTCTCCTCAGCCTCTGTGACCCAGCCAGCATCTTCCCGCTGAGCCTCCGGAAGC  
TGAATCAGGTGACCCTGTGGTCATCGCCTGCCTGATCAAGGGCTTCTTCCCGCTGGGCTTCCAGAGCCC  
GTGAAGGTGACCTGGGGCCAGAGTGGGGAGGTCACGAACCTACCTCCCATCGGAGGCCGGGGGCTGTACA  
CCGTGATCAGCCAGC  
>GBEQ2520 |RC|Acc|CD535984|Ver|CD535984.1 GI:31578399|LeukoN6\_2\_H11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H11\_A028 3', mRNA  
sequence.:Start:1:Stop:527  
ACATCGGGGAGAGAGAATACTCGAAGCTGGTTTGTATTTTGTAAAGTTCACAAAGTGATTCTGATATA  
GAAATTTTAAAAAAATCTAATTTGTTTTAACAAAGGAATTTGTGTAATTTTGGATGACTTGGTTATTT  
ATCTTGCTGTTCTGTTTTTACAGAACACCTTTTCTGTAAACATGTTTAAATGAATAAACCAGTTTTAATT  
TCGATTGTAGTATTAGTTGTGATTTCTTTTTCTCAGAGGTGTCATCTTTGAGAAATGAAAAGCGAGGCTC  
ATCGTATCTCATCTCTTCCCGAGAAGGTGGCTCAGTGGAGTTTGTGCGACCAGCATTCTCAGGGCACAGGA  
GTGATTATCATGGAACCTCTTAAAGAAAGAGCGAGTACTGAGTTACGTTCTCTCTCCTTACAACCTCA  
GAAGGTTCTCTGCAGAATCTCTGCTGGTCTTCGCTGCCTTAACGACATTCAGACTAGCCATATCCTTTAA  
ATACGGGTTTCTAATTTCCAGAAAGGAAGTGTGTGC  
>GBEQ2521 |RC|Acc|CD535936|Ver|CD535936.1 GI:31578351|LeukoN6\_2\_F01.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_F01\_A028 3', mRNA  
sequence.:Start:1:Stop:524  
AACCGTTTTTTTTTGGGCTGATAATGTATGAGCTTTTAACTTTGCACTGAATGATGTTCTCTCCGTCTAAT  
CGGCAATATGGGGGGGACAGTGTTCAGTGTAATGTTTACTCAAGGATGTTCTTAAAGGTGTGCGCTC  
TCTACTATGCCTTGATGTTTGCCTACCTTATTGTGGTATCGTGGCGATTAAAGATCAAGTTATGATACT  
GACTTGGGACTATAAATGAAAGTATTGCACCAGTTTTTTCATGTTATAAACTAAAGAATTTTCGCTCTG  
CAGTTTGAGAAACTGTGGCCACAGCTGTGACTTGCAGCCCCCTGCCACCAGGACGGGCCCTGCACCTTG  
AACAGGCTTTCCATTTTGTGTTGAAGGTTCCACGTTGAACCTTCTGTTTACAGATTTTTTGTGTTGTTT  
TTTGAGAAAAAGAAATGTTTACTCTTCCATCATTTAAAAAAATTTAAAGACAAAAAAATGGAGGA  
TGATTTAAAGATGCTTTCTATCTCTGGGAAAAA  
>GBEQ2522 |RC|Acc|CD535875|Ver|CD535875.1 GI:31578290|LeukoN5\_5\_H03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_H03\_A027 3', mRNA  
sequence.:Start:1:Stop:440  
AAAAGTATCACGTCAGGGTTTACTGTTTCAGAGATACCAATTATTAACATTTTCTTCCGGGCTTTTTTTTT  
TTTTTTTTACATACTTGAGATCGTACAGTATAATATATACAATTTTATGCCAGCTTTTTTCATTTTCGAA  
GTATCATATGATCACTTTCTCATATAAAATACCTCATGAACAGCTTTAAAGTAGCACTTCTCATTAT  
GCAGTGGCAATGGACTGCTCTTCTGGCTGCTAACCTTTCTCCCTTCTTCTTGGGGTTTTGAGTTG  
GCTCTCCCCCAAACGTATTTAATTTTTGTTTTCTGGAAGTGGAAACGGCTTTGGGTCTGGGGGTGT  
AAACATCTCTCACACTATGAATCTTCCCTCGGATCCTCTCTGGAGTCTAGCCAGTCACTATATCCAC

ATCGTCAAAAACGTCATCCG  
>GBEQ2523 |RC|Acc|CD535857|Ver|CD535857.1 GI:31578272|LeukoN5\_5\_E11.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:533  
GGCAAAAATTAGTTTATTATAGTATTTATACAGAATATTTACAAAAATTATTTTAAACAATTGAATTCTAT  
ATATATGTACTGCATATACATATAAATGTAATAAATAATATTTCTAGAGAAGAGTAACATCACATAAAGG  
TGTACTCAAAATATGTAAAAAAAAGTCATCAATGAGTGGATGGAGAAGAATATAAGAAAAATAGAAAAA  
CAAAAATACAGATTTGGGCTAAACGAAAAGGATAAAAAAAAACAGGTTGAAAGGAAGGGACAGACAATG  
AAGAGAAAACGATTTTCAGAGGTAGAACCATCCTTTGATGTGGGAGTAGAGAAAAAGAGGATCATCGGAAG  
GGAGGAGGTGCAAAATGAAAATTTCTTACAGATCACAACTTAAGAGCAGTGCTACAGAACCCTGGAAATGA  
GAAATGTTCTATATCATGTGTTTTTCAAAGGTGTTCCAGGAAGCCAAGAAGCAAGAACTGAGAATAAT  
CAACCATCTGACATGATGGGTAAGGCTGCCCCATGGGCCTTTGG  
>GBEQ2524 |RC|Acc|CD535695|Ver|CD535695.1 GI:31578110|LeukoN5\_7\_H01.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H01\_A027 3', mRNA  
sequence.:Start:1:Stop:572  
GAGGAAGATTAGCCCTGAGCCAACATCTGCTGCCAATCCTCCTCTTTTGTGCTGAGGAAGACTGGCCCTGA  
GCTAACATCCGTGCCCATCTTCTCTATTTTATGTGGGACGCCCTGCCACAGCATGGCTTGACAAGTGGTG  
CCTAGGTCTGCACCTGGGAGCCGAACCAGCAAACCCAGGCTGCTGAAGTGGAACATGTGCACTTAACCC  
CTGCACCAACCAGGCTGGCCCTGTTAATGGCTCTATTCTTGAAGCCTCAGCTTAACTCAGCTGTGATGT  
GGCCTCTTAGATCACACTGTCTGTGCTTGTCCAGCCTTGGGCAACACACTCCTGGCTTTGTGCTAAAG  
TACCTGGACCTTTCTGCCATTACTATTCTCCTGCCACACGCTTTTTTCCAGACTTGAAAGGCCAAGTGCT  
CTTCTCGGTATCCTCTTTACAGGCCACTCTGCCCTTCCACTGTAGTGCCATCCTGGCTACAGCCCTGGAT  
ACAGTTACTGTTCTTACC GCCTACGGTCTCACCAGTTTCCATGTTTCATCTGGCTGATATGCTGAAC  
TCTCTGGGAAAA  
>GBEQ2525 |RC|Acc|CD535674|Ver|CD535674.1 GI:31578089|LeukoN5\_7\_B08.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_B08\_A027 3', mRNA  
sequence.:Start:1:Stop:542  
CTATTTTCTTTTTTGCAAAACAAAACAAAAACAGCATAGAAGAAAGAGCAAGATAAAGAAATCAGTAGAA  
GAAGAAAGATAGATGACATCATTGATAAGACAATTATAGGAGATTTTCAGAAGGAGCAGAAAAAAATTT  
GTTGAGGAACAGCATACCAAAAAATCAGAAGCAGCAGTGCCACCATGGGTTGATAGTAATGATGAAGAAA  
CAATTCACAACAATACTTTGGCCTTATCTGCTGACAAGAGGAATTTCTTCTGACCCCTCCAGCTGGCGT  
GCTGTTTAACTTTGCAACGGCTGCTACAAAAAGATAACCGAATCAGTTGCTGAAACAGCACAAACGATA  
AAGAAATCAGTAGAAGAGGAAGATAGATGACATCATTGATAAGACAATTATAGGAGATTTTCAGAAGG  
AGCAGAAAAAATTTGTTGAGGAACAGCATACCAAAAAATCAGAAGCAGCAGTGCCACCATGGGTTGATAG  
TAATGATGAAGAAACAAATTCACAACAATACTTTGGCCTTATCTGCTGACAAG  
>GBEQ2526 |RC|Acc|CD535456|Ver|CD535456.1 GI:31577871|LeukoN5\_4\_F02.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F02\_A027 3', mRNA  
sequence.:Start:1:Stop:573  
CCGGCGGCCGGGATGATGGCGGACATTTCAGACCGAGCGCGCCTACCAGAAGCAGCCGACTATCTTTCAA  
ATAAGAAGAGGGTCTGCTGGGAGAGACTGCCAAGGAGAAGCTCCCGCGATACTACAAGAACATCGGGCT  
GGGCTTCAAGACGCCAAGGAGGCCATTGAGGGCACCTACATTGACAAGAAATGCCCGTTTACCGGTAAT  
GTCTCCATCCGAGGGCGGATCCTGTCTGGCGTGGTGACCAAGATGAAGATGCAGAGGACCATTGTCTATCC  
GTCTGAGACTACCTCCACTACATCCGGAAGTACAACCGCTTTGAGAAGCGCCACAAGAACATGTCCTGCA  
CCTGTCCCCCTGCTTCAGGGACGTCCAGATTGGCGACATTGTACAGTGGGCGAGTGCCGCCCCCTAAGC  
AAGACCGTGCGCTTCAATGTGCTCAAGGTCACCAAGGCCCGCGCACCAGAAGCAGTTCCAGAAGTTCT  
GAGACGATGCTGCTGCTCCCCCAAACAAAATAAAGTTATTTTCTCAGCCACNAAAAAAAAAAAAAAAAA  
AGGCCACAGTGCT  
>GBEQ2527 |RC|Acc|CD535336|Ver|CD535336.1 GI:31577751|LeukoN5\_2\_A10.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_A10\_A027 3', mRNA  
sequence.:Start:1:Stop:643  
CGTTTTTGAAGAAAGAAAAAATAGAATTACAACACATTGTTGTTTTTAACTTTATAAAAAAGCAGCTT  
TTTGTATTCTTCTGGGGAAGAAAAAGACTAGGCATTTATGAACTTTCTGTGCCCTTCGGCGGCGTGAGC  
AGATCCACCGTTTCTGTTGATCTCCAGGGAAGACTCCGCACCTCGCGCTCACGCGAATGTCACTCCTT  
CGGAGGGGAGGCTCCGGGGGTTTAGGACGCCGTCTTGCTCAGTCCCTTCTCCGCTGTGCGCACGCACAC  
TGAGCGCGCACGGTGCTGTGCTCAAGGTCACCAAGGCCCGCGCACCAGAAGCAGTTCCAGAAGTTCT  
GGCTTCTGCTTTTGTCTCAGGGTGTCCCGCTGGTTTTCTCTCGTCACTTCCCCGCGCTCCTTTGTTG  
TGGCCATCCTCTCGTGTTCGGCCCGCCTCACTCCATGCCCGAGACCGAGCTTCTCGAGGCCCGGCTCA

GGGTCCGAGCTCACCACAGGCTGACCACCGGCCACTGGCTTTTCACCCTGCCGTCAAGGTCCGGAAGGAG  
CAGCCTCCACTTCAATTTGGAATATAAATTCCGTATTAGTAGAAATCCACGTGTAGACGTGTGTTGCTGT  
TGAAGTAACGAGA

>GBEQ2528 |RC|Acc|CD535330|Ver|CD535330.1 GI:31577745|LeukoN5\_2\_B05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_B05\_A027 3', mRNA  
sequence.:Start:1:Stop:684

GAGCATGGGAAGTGCCTACATTTATTTGGGATAGGGAATGAATATTCAAAGGGGAACTTTTCATCATCTC  
ATGTAGAGGCTGGCAGAAGCTTGCACATGCGTGGTTTGAATCTACATGCATCACATAATCTAACAATGG  
CTGCCCTTGCCTCCAGAGGAGAATTTACGATGTTAATGAGGGCAGATTACTTCCGTGCAACTCCCCGC  
CTGTCTGCGTAGGCATCATTTTTGTCACTCTGGTCAGGTTTCAAGCTAGTAGTCCAGGGTGGTTGTCAC  
TTTGAGCTTCTCCTCGTGCATAGCTGAAACCGCATCTACGAGATCCTCCCCCAGCGCATCCAGCAGTGG  
CAGCAGAGCCCCGTCATTGCTGAGGAGCATGGCAAGAAGCTGCTCGAACGCATTGCGCGTGAGCAACAGA  
GCGCCCGAACC CGCCTTCAGGAAATGGAGCGCGGATTCCATGAGCTTGAGGCCATCATTCTGCGTGCCAA  
GCAGCAGGCAGTGCCTGAGGACGAGGAGAGCAATGAGGGTGACAGTGATGACACGGACCTGCAGATCTTC  
TGCGTCTCCTGTGGACACCCCATCAACCCACGTGTTGCTTGCCTTGCGTCACATGGAGCGCTGCTACGCCAAGT  
ATGAGAGCCAGACGTCTTTGGGTCCATGTACCCACGCGCATTGAGGGGGCTA

>GBEQ2529 |RC|Acc|CD528911|Ver|CD528911.1 GI:31567533|LeukoN3\_8\_D12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_D12\_A025 3', mRNA  
sequence.:Start:1:Stop:717

AATAACGCGTATACTGCCATGTGAGATTCTTACTTACCCAGCTACTACAGTCCCTCCATCGGCTTCCCCCT  
ATTCTTTGGGCGAAGCTGCTTGGTCTACTGGGGGTGACACAGCCATGCCCTATCTAAGTTCTTATGGACA  
GCTGAGCAACGGAGAGCCTCACTTCTACCAGATGCAATGTTGGACAGCCAGGAGCCCTAGGTAGCACT  
CCATTTCTTGGTGCAGATGGTTTTAATTTCTTTCCAGTGGGATTGACTTCTCAGCTTGGGGAAATAACA  
GTTCTCAGGGACAGTCTACTCAGAGCTCTGGATATAGTAGCAATTATGCTTATGCACCTAGCTCCTTAGG  
TGGAGCCATGATGATGGACAGTCACTTTTGTAGTGAGACCTCAATAAGGCTCCTGGCATGAATACC  
ATAGACCAAGGGATGGCAGCACTGAAGTTGGGTAGCACAGAAGTTGCAAGCAATGTTCCAAAAGTTGTAG  
GCTCTGCTTGGTAGTGGGTCCATTACTAGTAACATCGTGGCTTCCAATAGTTTGCCTCCAGCTACCAT  
TGCTCCTCCAAAACAGCATCTTGGGCTGATATTGCTAGCAAGCCTGCAAAACAGCAACCTAAGTTGAAG  
ACCAAGAATGGCATCGCAGGGTCAAGTCTTCCACCACCCCAATAAAACATAACATGGATATTGGAACCT  
GGGATAACAAGGTCTCT

>GBEQ2530 |RC|Acc|CD528763|Ver|CD528763.1 GI:31567385|LeukoN3\_7\_A11.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A11\_A025 3', mRNA  
sequence.:Start:1:Stop:587

GCAGTACCATCATTCCTAATAATGCCACAGCACAAACCAACATAGGCAGCACCGCTCCAAAGAAGCCT  
CGTCTAAACTGACAGTGTGGCTGTGGAAGGCTCTCCCTGGTAGATCCACGTTGCAGTGGGTGCGAGGCT  
CTCTGTTGTTAAAACAGCATGAGTTGCAAAATGGTCCAAAAGCGGCTTCCCTGAGCAACTTTGCTGAAA  
GTACTGGTGGTGTGAATTTAACATCAGTTTCAAGCTGCTTGGTGGCATTAACTGCTCTGAATGCAAT  
TAGATTTTCAAGTTGAAGTTGTTGTGGGAGTAATGAGGACTGAGTTCAAGCAATGCTAAAGTGTTTCAATTC  
AGATGTGCAAAATTTGGTCTGAGTTTCAAGTTGTTTATGCAATGTTATCCACCAATCCCAGATTCAAAA  
ACTCAGAGAAGACATCAAGCAGACCTGGAGGGTGCCTCTCAGCCCTGGACTTTTTGGGAATCGATACAGC  
GTGCGTAACATGACGGTCATCGGTCAATACAACCTCAGTCTTGAACCCCGAACACTTCCACTCTGCA  
CCCACTTCCCTGTCACTCATTTATTTA

>GBEQ2531 |RC|Acc|CD528749|Ver|CD528749.1 GI:31567371|LeukoN3\_7\_H01.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H01\_A025 3', mRNA  
sequence.:Start:1:Stop:398

TCTTTGGAGAGGACTTGAGAACTCACTCATTTCAAAGAAGCCTTCTTAACCTCCAGGTCTTGTGGGTCC  
CTAAGTCCCAGATCCTCTGAACATGGCTGCTGCTCAGGACAACACTCTGAGGATTGTTCTGGTAGGGAAA  
ACTGGAAGTGGGAAAAGTGGCAGACGAAACACCATCCTTGGGAAAAACGTGTTTGTCTCGAATTTCTG  
CTCAAGCTGTTACCCGACCTGTCAAAAAGCATCCCGGGAATGCAAGGGAGGGACCTTCTTGTGTTTNG  
ACACCCAGGGCTCTTTGACACCAAGGAGAAGCTGGCGAACACCTGTAGGGAAATCAGCCGGTGTGTTCT  
CTCCTCCTGCCCCGGCCTCACGCCCATCATGTTCTGAGGCTGG

>GBEQ2532 |RC|Acc|CD528479|Ver|CD528479.1 GI:31567101|LeukoN3\_2\_F10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F10\_A025 3', mRNA  
sequence.:Start:1:Stop:689

GAACTTGCTAAATGCATGTGCTGTAAAAATAGTTAACAGGGAAATAAAGTTGAGATGATGGCTAGCTTTG  
TTTAATGTCTTATGAAATTTTCATGAACAATCCAAGCATAATTGTTAAGAACACGTGTATTAAGTTTCATG  
TAAGTGAATAAAAGTTTATGAATGGACTTTTCAACTACTTTCTCTACAGCTTTTCATGTAAATTAATC

TTTTGGTTCTGAAGCTTCTCTAAAGGAAATTGTACATTTTGGGAAATTTATTCCTATTCCCTCTTGGCAG  
CTAATGGGCTTTTACCAAGTTTAAATACGAAGTTTATCATAACAACAAAATACTACTAATAGAACTACTG  
TTCCCAACCATGTCCCATACTCCCTCCCTCCCTGAAATAAAAGTTTTAGTTGTTTTTCTTTTCAGAGGC  
AGGGGGGATTGATTGGAGAAAAGTAATTGTTCCATTTAAATTTTGGTATATGGCATTTCCTAACTTAGG  
CAGCCACAATGTTCTTGACCCATCATGACATTGGGTAGCATTAAGTGTAGTTTGTGCTTCCAAATCAC  
TTTTGTTTTTAAGAATTTCTTGATACCTTATACCCGCTTCAATTTTAAATCCTTTATTTCTATGTGTCA  
GGTGCACAGGATTACCTTTTTTAGCCTTCTGTCTTGTCCCAACCATTTCTTCTTGGTGG  
>GBEQ2533 |RC|Acc|CD528469|Ver|CD528469.1 GI:31567091|LeukoN3\_2\_A07.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A07\_A025 3', mRNA  
sequence.:Start:1:Stop:560  
AAGTATTTTCAGCAGGATCTGCTGCAGGGGTTTTGTTTTATTTGTTTTATTTGTTGCTTACTTTAAATTAAC  
TGTTTCAAGCTTTGAATACTTAAGGCTTTAGAGGGAGAACTCAATCTTCAATTATGTTGGCTTTTTATAA  
AGCTTGAGTTATGTAAGATTTCAATAAAAGTTTGTCTACCAAGATGATTGCCCTTATTGAGTAGGTCACTAT  
TAAATTCCTTTATATACAGAAATCTGCTGTTTGTGGAAGCAGTATAAGTTCTCCTTATGTGTAAACAA  
GGCAGGCCTCAGACCAGCAATAAATTACTCAGTTTGGATAAATATTTTGTGCTGTTTCATCAAATTTGCCAA  
AGTTATATCTGTTCTTTTAAACAAGTTAAGTTAAAAATAAAAGATTTTGTAGTCAATCTGTTATACAATTT  
TGCCTAAATTGCTAGATTTTAAATAGTGAACTTTTTTCAAATTTAAATTTGATTGAACCTCTTCAAGAAA  
TAGTTCCTAATAACTGGGGATCTAGTTTAGCTTGGTAATCCCAGTTTCTGGAAGTGATTGCTGTAATTAGT  
>GBEQ2534 |RC|Acc|CD528317|Ver|CD528317.1 GI:31566939|LeukoN3\_1\_B11.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B11\_A025 3', mRNA  
sequence.:Start:1:Stop:509  
ACTGGTGTGTGTATCTGATTCTCCTTCAGGCCTCACCTGGGGGCTTGCATCTTTCTTGATTAAACACCTT  
TATCTTCCTCTGTCTTCTTCCATCCCCAGATCCCTTAGTTCCCTCGAATTTGGGGGCAGAGGGGTGTGG  
AGGAGAAAGCCCCAGGCGTGAGATTCCATCTCTCTCTGCTGCTGATCCAGAGGGGGCAGGAGAAGAGGTG  
GCATCGCCAGCCCCCAGCACCAGAAGGGTGCATGTCATCTTCAACTACAGGGGCAAGAACGTGCTGATC  
AACAAGGACATCCGTTGCAAGGACGATGAGTTACACACCTGTACACGCTGATTGTGCGTCCGGATAACA  
CCTATGAGGTGAAGATTGACACAGCCAGGTGGAGTCCGGGCTCCCTGGAGGATGATTGGGACTTCTTGCC  
TCCCAAGAAGATCAAGGATCCCAATGCTGCAAAGCCCGAAGACTGGGACGAGCGGGCCAAGATCGACGAC  
CCCACAGACTCCAAGCCTG  
>GBEQ2535 |RC|Acc|CD528279|Ver|CD528279.1 GI:31566901|LeukoN3\_1\_B03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_B03\_A025 3', mRNA  
sequence.:Start:1:Stop:609  
ACTTTTATGGAGACGTGTTTGCCTCGCGCTTCAGCGACGCCCTCACGGTCGTGGAGAGGTTGGTCAAAGT  
CACTCTGTATGGATCTCAGATAAAATTGTACAACATTGAAACTGCTGTGCCATCAGTATTGAAACCTGAT  
CTCATTGATGTGCATGCTCAGGCGCTGGCTGCTCTCAGGCTTACTCTCACTGGTTAGCACAGTATGCA  
GCCAAGCTCATCGGCAGAGCACACAGCAGTTTGTACGCTCATCTCCACTACCATGGATGCAGTCACACC  
TCTTATCAGCACCGAGGTCCAAGACAAGTTGCTGCTATCTGCGTGCCACTTACTGGTCTCACTGGCCACA  
ACTGTGCGGCCTGCTTTCTGGTCAGCATCCCTGCAGTGCAGAAAGTGTCAACAGAATCACCGATGCCT  
CTGCCAGCGACTTGTCAATAAGGCTCAGGTGTTGGTGTGCCGAGCCCTCTTAACATCCTGCTGCTTCC  
ATGGCCAAACCTCCCAGAGAATGAACAGCAGTGGCTGTGCGCTCCATAAACCATGCCAGCCTCATCTCT  
GCGCTCTCTCGAGACTATCGCAACCTGAAACCCAATGCTGTGCGGCCAC  
>GBEQ2536 |RC|Acc|CD472120|Ver|CD472120.1 GI:31393388|LeukoS6\_1\_E09.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_E09\_A028 3', mRNA  
sequence.:Start:1:Stop:247  
GCCGGCCTCCGCCCAGGTCTTGGGCATGTGGGGACTGAACCTTGGAAAGATTGCGGACC'TGGGGCCCCCG  
CTCACTAGCTCAAACCTGAACCTGAGCCCAGCAGGCTGGTGGGCCCTCTTCTCTGTCCCAGCCTGCACC  
CCCTCTGGGGCCCCCAGGACCCCGCTAGACCTGGCACTTCTCTCATGGACCCACTTGTGTGGCTTCAG  
GAGCCCCAACAAAGGGCCAAAAAGGAAGGGTGAGGGG  
>GBEQ2537 |RC|Acc|CD471073|Ver|CD471073.1 GI:31392341|LeukoS5\_4\_D03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_D03\_A027 3', mRNA  
sequence.:Start:1:Stop:643  
TTGCCCTTGTCTTTTCTCCTTGACTAATGCATCACCACAAAGAGGGAAACGGCAAACAGAAGCTAAAGCA  
GACCAATAAGGCTAGCAGTGAGCCCGTGAGAAAGCCCATGGAGCCCCCAGAGCCTCAGAGGGCCAGCCC  
AGACCCCGGGCCCCAGACTGAGTCAAAGACTAAAGTACTTGACCTCACTTCTTGGCAGAGCAGAAAAGAG  
AGGAGAGAAAGTCAACAGTAATAACAATAAACAAGCAGCTGAACCATGTCAAGGAAGAAAGTCGAA  
CCCAGTCCCCATGGAGCCCGCTCCCCCAGCGAGCATCCGAGAACAGCAAGCTGGTGTGGCAGATTCT  
CCTCAGCCCCAAGGGCAAGAACAAGAATAAGAAGAAGAAAGGAGACCGAGTCAACAATTCAATTGATG



ATGTCTTTCTGCCTAAAGATATAGACCTGGACAGTGTGGATATGGATGAGACAGAGAGGGAGGTGGAATA  
TTTCAAAAGGTAATGTCAGGACTGCATGCTGAAATAATGATGGTTTTGTGGTTAGCATACATGACCT  
CATAGCTCTGCCAGTTGTCTTAGACACAAGTTCTGTGACCCAGCTAGCCAGCCAGCCTGGCTTAGTAGCA  
TTCTAGCATGTGA

>GBEQ2538 |RC|Acc|CD470032|Ver|CD470032.1 GI:31391300|LeukoS4\_1\_D03.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_D03\_A026 3', mRNA  
sequence.:Start:1:Stop:649

GTAATCCCTGATGTAGGAATGCTGTTTCTTTTTCTTTTTTGGTGAGGAGAGAGTGGCCCTGAGCTAACA  
TCTGTTGCCAATCTTCTCTTTTTTCTCCTCCAAGCCCCGTACATAGTTGTATATCCTACTTGTAGG  
TCATTCTAGCTCTTCCATGTGTGGCGCCACCACAGCATGGCTTGATGAGCAGTGTGTAGGTCCACACCTG  
GGATTCCGAACCAACCGGTGAACCTGGGCGCTGAAGTGGAGGGTGAACCTAACCACCTAACCACCTGG  
CCATGGGGCTGGCACCAGGAATGCTGTTTCTTAAATTTAAGCACGGAGAAGGTCCCCCTCCCCTGCAAGC  
TTTGTGATTTTAAAGTATGATTTTAACTGAAAATCAAACAACCTCTTATCTTTAGGAGGTGCTCAAAGAAG  
TACAGTCTTTAAACAACCTATACCTGAAGAGGAGGAGGAGGAAGCCGCGCTGAGGTGGTCTGGAG  
GAAGAACTTTCCACAGCAGGTATTCCTTTAATATGTTTGTGTTTAAAGTTTATTGTGAGAATTCATGA  
AAACCAAAACAGTAGTGGTGTGACTTTTTTCCCTGTTACTTGATGAACCAGATCACTGATCTACCA  
AGTGGGGCTGTTTTCTCTG

>GBEQ2539 |RC|Acc|CD467679|Ver|CD467679.1 GI:31388947|LeukoS1\_6\_C07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_C07\_A023 3', mRNA  
sequence.:Start:1:Stop:661

GTGGGCAAGAGATTTGAAGTGTGGCTTTTGCTATGTGCATATTGAGTTGAAGAGTGAGTAGGTGAAGGT  
GGTGTGGTGGGTTCACCTTTCCAAGGCCAGATTAAACAGTTAATTCCTATAAAAAATCTGGAAGCAAAG  
AATGAAGAAACAGCTGTCTGTTAGTATGTTTTTATTAATAGAATAATGCAATAAAAAATGTAATGTCTTT  
TTAAAGAAATAAAAAGACGATAATTGTGTTTTATGAGCTCCACAGGATTTGTTCTTATCGTAGCCATTGA  
CTATACATTTGCCACTGGTGATTCAATTTTTTAAATTTTTTAGTCACAGGAAGTTTTTAACTCTATGGAG  
TAAATGCATGTCCTCGCATTTTCTGTGATCTGGAATCCCTTGATTTTTTGCATGTTAGTACTTTGCAA  
TCTGTTTTTATAAATTAGTACTCCATTTTAACTCTTAATTTTATAATTTTTATCTTAAGCAGCAAATTAAGT  
GGCCAGTTTTTAAGACGGTGTGTGCTGTAACACAAAATGTAAGAAAATTTAGGAAAGCCTCTTGATTTTTGTT  
TGGCCTCACATTGCCTTGGTAAAGTAAAAGGAACAGTACGCATGGAGCTAGGAAACCAAGCAAGTTTG  
TGAAACTGGCACAGTAGATAGAGAAATTGCTGT

>GBEQ2540 |RC|Acc|CD467211|Ver|CD467211.1 GI:31388479|LeukoS1\_3\_C05.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_3\_C05\_A023 3', mRNA  
sequence.:Start:1:Stop:563

CAGTGTAATAAATCAAACATGATAAAGAAACCTTGAAAACCTATCAGCAGGGTTGTTTTGACGCGAGGATG  
CACTCATTATTGCTACATTTCCAGAGCTGACTTTTTTAAACAGTCTTTACAGATGAGTAGGGTACCTTACA  
GTGCTCCAAATGATTGGACTCCAGGTAAAACCTCAGAGAATTCAGGAGGGAAGGTCAATTGCTGGGCAGGGA  
GGGCATTTCTGGGAAATCCAGATGAGAGTGCTGTGAGCACAGGCTGTGTCAAACCGCTCGGCAAGGGCT  
CCCTCCCTCTCTCTGTTGGGAAGGCCACCTGAGCCCCAAACACGTTCCCTCTCCCCCGCCCCAT  
CATTTCTGCAGACAAGGGTCATCCACAGACCACACGTGTGGTGGCTTTGGCAACCAGAAATTAATAAAG  
CTATGGTTTTTCCAGTAGCCAAATGATCCTTCAAAGCTCACAGACTGAGAACTTGAGCATACAAACCA  
CAGTCTGGGTGAAGGGATGTCTGCTTTTCAAATGACCTGCTAATCTTTGCAACCCACAGTAATTTGGTT  
TCT

>GBEQ2541 |RC|Acc|CD466937|Ver|CD466937.1 GI:31388205|LeukoS1\_1\_C02.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C02\_A023 3', mRNA  
sequence.:Start:1:Stop:703

CGGGTTTGCCGCCAGAACACAGGTGTCGTGAAAACACCGCAAAATCTAAGCCAAAATGGGGAAGGAAAA  
GACTCATATCAACATCGTCGTCATTGGGCACGTCGATTGGGCAAGTCCACCACGACTGGCCACCTGATC  
TACAAGTGCGGTGGATCGACAAAAGAACCATCGAGAAATTCGAGAAGGAGGCTGCTGAGATGGGAAAGG  
GCTCCTTCAAGTATGCCTGGGTCTTGGATAAACTGAAAGCTGAACGTGAGCGTGGTATCACCATTGATAT  
CTCCCTGTGGAATTCGAGACCAGCAAGTATTATGTGACCATCATTTGATGCCCCGGACACAGAGACTTC  
ATCAAAAACATGATTACAGGCACGTCTCAGGCTGACTGTGCTGCTCATTGTGCTGCTGGTGTGGTG  
AATTTGAAGCAGGTATCTCCAAGAATGGGCAGACCCGTGAGCATGCCCTTCTGGCTTACACACTGGGTGT  
GAAACAACATAATTGTTGGTGTAAACAAAATGGATTCCACTGAGCCACCTTACAGCCAGAAGAGATATGAG  
GAAATCGTTAAGGAAGTCAGCACCTACATTAAGAAAATTTGTTACAACCCAGACAGTTGCATTGTGC  
CAATTTCTGGTTGGAATGGTGACAACATGCTGGAGCCAAGTGCTAATATGCCTTGGTTCAAGGGATGGAA  
AGT

>GBEQ2542 |RC|Acc|CD466601|Ver|CD466601.1 GI:31387869|LeukoN2\_7\_D07.b2\_A024 Unstimulated

peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_D07\_A024 3', mRNA  
sequence.:Start:1:Stop:553  
CTGCAGTCATCGGCTGCCAACATAATCTGCACCAACTGGAGATCAGAAACCAAAAAAAAAAACTTAAACCA  
CAACAAAAAAAAAAACCAAAACCAAAACAGGGCTAAAACAGACAGCCTAACAGCTCAAAGGTACACA  
GTTACCTGCTGGCGGGTAACCGGGCGTGCTCCCAAGGCCAAAAGCGCGGGCATAGTGGGGCCACTGGCAC  
ACTTCACAAACAGGAGACACGCACACGGAGCGCTACACAGCCAGAAGCACCGCACTGCAGCACACAATGT  
GAGGAGTGACAACACGGAGGGGACACTACCCACTGCATACACCTTTATTTTCCACTTTCTGGTATCTCTG  
AGGACAGAACATCTGTGAGCCATTTTGTATTTAATCAGAACATTGACTTTTAAAAACAATTCTTTAAAA  
AAAATTGTAGCGGATGTGTCCGTAACCTGTATTTATGACTGTAAACCATGTGATGCAGGGTCGCAGTG  
TATGTTTTGATGGGACGCCATCTTCAGAACTGTGCTAACTCACTGTTGAAGCGTCCAATGGTA  
>GBEQ2543 |RC|Acc|CD465648|Ver|CD465648.1 GI:31386916|LeukoN1\_6\_G09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_G09\_A023 3', mRNA  
sequence.:Start:1:Stop:551  
CGTTTCAAAATTTGTCCAAAAAGAAAAGAGGCCACAGAAGATGCTGAAGGAGGAGATGGCCCTCATTTAC  
CTCAGAGAAGTAAATTTGATAGTGATGAGGAAGATGAAGACACTGAAAATGTTGAGGCTGCAAGCAGTGG  
AAAAGTCACCAGAAGTCCATCTCCAGTTCTCTCAAGAAGAGCAGAGTGAACCTGAGATGACTGAAGAAGAG  
AAAGAGTACCAAATGATGTTGCTGACAAAAATGCTTCTGACTGAAATTTCTACTGGATGTCACAGATGAAG  
AAATTTATTACGTAGCCAAAGATGCACATCGGAAAGCAACAAAAGGTATATATTGTGGGTGTTCTTGTT  
TTGTTTTCTGGGGGTGTTTTGGTTTTGGTGGCTATTCTGGACTTTTTATTGTCTTGTGAATTACTAG  
CAGATATTTGAATATTTCTCTTCTGTCATGTTTTAACTCTTTGGGAAAAGTTAGGTTTGTAGACACCATAT  
TAAACTATAAAATATTTTTGTTTTATCCAACATACCTGAGTACAAATGAGCAGTTATTG  
>GBEQ2544 |RC|Acc|CD465526|Ver|CD465526.1 GI:31386794|LeukoN1\_5\_C05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C05\_A023 3', mRNA  
sequence.:Start:1:Stop:672  
TTCCCTCGTGCCAGTTAATCTCTTGCTTTTTTTGGCCAGGATAGAAGGGGTCACGTTCTTAATCTCTTCA  
CACACCTCACCCCTTTTTTCCCTATCACTGAGGCTTTCTAGTGCGTTAGTGGGGTGGCGGGGGGAGAC  
ATAACCACTGCTTCCATTTAATCAGGTGTATTTGTCCAATAGGTGTAGCTATCCGGACAGAGAGCGTAGC  
ATTTGTGACGGAGAGGAAGGACTTTTTCTTCAAGGTAGCTGAATGGGGAGAGGCCTGGCTTACTCTCTGA  
TTAGGTTAGGATTTCCCTCTTAGTGGGAAGTTCCATTTTTCTGTTAAAGTGAGGATTGGGGGAGAAAAG  
AAGGATGGGCATCACAAAGGAAAACGCCCTGTCTCTAGCGTGGTGCCCTCCCTTGCTGGGGCTGAATG  
CCCTCACCTGAGGCCGAGAGAGCTCAGCCTAACGGATGGACAGCCCTACCTTAGAAGAAAAAGCTCTTA  
TTGCTTGGTCTCCATTTATAACACAAAGCAGAGTAGTATTTTTATATTTAAATGGAAAAACAAAAAAT  
TATATATACAGGTGTGCAGAAATGTGTGTTTTTTCCCTGAAAGAAAAACCATTTCTGGTCACCGGGAGCC  
AAATCTGGGGCGAGTAGTCTGGTTAGGCATGGGGATGTCATA  
>GBEQ2545 |RC|Acc|CD465427|Ver|CD465427.1 GI:31386695|LeukoN1\_4\_F09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F09\_A023 3', mRNA  
sequence.:Start:1:Stop:584  
CAGGTTTATTGTAAAACAGGCCATGTGCTTGGCCCCGGCGGAGAAGCTGAGGTCATCATCGCATTTGAA  
ATATTTAAAGTGATACAAAAGCTGTTTCAGCAATGCAGACAATTAAGTGTGTTGTTGTGGGCGATGGTGC  
CGTTGGTAAAACATGTCTCCTGATATCCTACACAACAAATAAGTTTCCATCTGAGTATGTACCAACTGTT  
TTTGACAACATATGCAGTCACAGTTATGATTGGTGGAGAGCCATATACTCTTGGACTTTTTGATACTGCAG  
GGCAAGAGGATTATGACAGATTACGACCGCTGAGTTATCCACAACAGATGTGTTTCTAGTCTGTTTTTC  
AGTGGTCTCTCCATCTCATTTGAAAATGTGAAAGAAAAGTGGGTGCCCTGAGATAACTCACCCTGTCCA  
AAGACTCCTTTCTTGTGTTGTTGGGACCCAAATGATCTCAGAGATGACCCCTCTACTATTGAGAACTTG  
CCAAGAACAACAGAAGCCCATCACTCCAGAGACTGCTGAAAAGCTGGCCCGTGACCTGAAGGCTGTCAA  
GTATGTGGAGTGTTCTGCACTCAC  
>GBEQ2546 |RC|Acc|CD465397|Ver|CD465397.1 GI:31386665|LeukoN1\_4\_C01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_C01\_A023 3', mRNA  
sequence.:Start:1:Stop:510  
TAGCTTTGTCAAGGATCGAAATGACGCTCTCTAGTTTCAATTTTAACTTGGGAAGTCAGGACATAT  
CTAAATATTCCAGTTGTATAGGAAGCTTTCATCCACAAGAAGCAGGACCTTCTTTCTCTGATCAGGAGTC  
CTTTGTAAATTAATGACTTCGGATTTATCTCCGAGTGGACGAGCAATCATAATTATATGATGGGGTCG  
GTCCGAGATCGGTGGGCTCATCAGCACAGAGATGAGTGAATGCCATAATTATAACTTTGAGCTGGCAA  
AGCCTAGTACTTCTACACAATGGGAAAAGAGAGACTTACATTAACCGCAAGCAAAATGTGGAGAAAATTC  
ATCTCCATTTTTCTTCGCCGTTCCATTGCTGTAGCTATGGCGATCCGTTTCATTGTAAATGGTAATGATA  
TGCAGTGCCGTAATCATAAATTGTAAGTCATAACCGAGAAGTAGATAGCAGATTGTTGGTCTAATGATT  
GTAATGCATTACTTTTGATTA



986

ATCCTTCACAGATGCTGGCGTCAAAGTTAGCAAGTAAAGGATTATTGTATTGATGTGTGATGATTATTTA  
AAAAAAAAAAAAAAAAACCTTCTTATTCT  
>GBEQ2552 |RC|Acc|CD464469|Ver|CD464469.1 GI:31385737|LeukoN4\_4\_H01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_H01\_A026 3', mRNA  
sequence.:Start:1:Stop:603  
AATCAGTACACACCTCTGTCTTTCTGATCGTATTTTGAAAAGGATGGTCTCGCTGGTGCCTCCAGCCAC  
ATAACCACAAAATCAATGGCTGCTCCTCCAAGCTGCGGTCTGAGCCCACTGCTGGTCTGGTGGTAACCG  
CCCTGTCCACCCTATTATCTTTATCTTTGGCAGAAACATCGTAGCTGCATTTAAAAAACGATATGGACAT  
GTAAAAAGACAAAACCAAGTTATCCGTTTCTGTCTCTGTATATCTGAAATTCCAGTTTATAGGAGCT  
CAGCTGAGACACTACTAAAACAGTTTATCCAACCTGGAACCTTTTTCTTTTTTTTTTTCTTTTTTTTAA  
GAAAGCTTCTGTGATCCTTAGGGCTTCTGTGGAATACCCAATGCAGTGCTACATTCCAACTCAAAGG  
CTTTGGGGCATGCTGTATTGTAAAGGGACAGTTTGTAAATTTAGCTGTAAAGCAAACCTGGGGCCGGGTTT  
TTCATGATGATGATGATAATTTTAACTTAACCTCTGGCCTTCACTATCTAGAGGAGTTAGTATTTCTC  
AAAGATCTTGATATCTCATGTAATGGCTTTGATTCTGATGA  
>GBEQ2553 |RC|Acc|CD464340|Ver|CD464340.1 GI:31385608|LeukoN4\_3\_H04.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H04\_A026 3', mRNA  
sequence.:Start:1:Stop:572  
GTTAGACCATATTTAACCAGCTAGAACCTTTGTCCATCAACCCCTAAAGCACAGAACTTTTCTTAGCTTC  
ATAATTCCTTAAAGGAGGAAAAACAAGAAACAACAAGAAACAACAACAAAAGGAAATCAGCTGAGA  
GTCCCTTGAACCTGGTTCAGAGCAGAGGGCCTCCTCAGATGATCCCCACCGCGCCCGCACGGCTGGGCCA  
GAAGTCCCCATATGCAACCCAGTGTCCGCACCGCCCTTCCCCACTCTCCAAACGAAAAACAAAATGACA  
GCTAGGGAAACATGAAGGGTCGTTTCCGGTGCTCCAGGCACCCAGGGGGCCTGCAGAGAGAGACTTCAG  
GGTGAGGGGGCACTGTGCAGGTCCCCTCCACGAGGGCGCCTGCTCTTTGGGAAGCCATGAGGAGACCCCC  
ACAGCTCTGCACAGATAACTCACTCCATGGGAGCGTTCCCGCTCTCCCTGCCTCACTACCGCTGGCAGCA  
GCGATGCCCTGTCTCTCTGCTGAGAAAGCCTACCATGAGCAGCTTCCGTAGCAGAGATCACCAATGC  
TTGCTTTGAGCC  
>GBEQ2554 |RC|Acc|CD464307|Ver|CD464307.1 GI:31385575|LeukoN4\_3\_A03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_A03\_A026 3', mRNA  
sequence.:Start:1:Stop:384  
GAAAGGATGCGGATGCGGCCATGGTCTGGAGGAACAGATAAACTCAAATACGATACCAGGGCTAAAGTGG  
CTTAACAAGGAGAAGAAGATTTTTCAGATCCCCTGGATGCATGCAGCTAGACATGGGTGGGATGTGGAGA  
AGGATGCCCACTCTTTAGAACTGGGCAATCCATACAGGAAAGCATCAACCGGGAGTAGATAAACCTGA  
CCCAAAACATGGAAGGCGAATTTTCGATGTGCCATGAACTCCTTGCTGATATTGAAGAAGTCAAGGAC  
AGAAGTATAAAGAAGGGAACAAATGCCTTCAGGGTGTACCGGATGCTGCCCTTATCTGAGCGACCTTCTA  
AGAAAGGAAAGAAACCAAGACAGAAAAAGAAGA  
>GBEQ2555 |RC|Acc|BM781439|Ver|BM781439.1 GI:19129671|MLN1\_8\_B02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:10:Stop:641  
TNATAGCTGAATTATTTCTCGTTAGAGATTTGGGCATATAACCAGATTAAATGAAGGAACCTCCCTT  
GTTTTGTAGCACCGCTCAGCTGTCTTGTAAACACTGCGCACACGCTTTCAGTTCTAGTAATCCTGG  
GTGTTCAATTATGTTAAGAGAACTCAAGCTATTGCATGCCAGCCCCCTGCTTGGCAAGAGAATCCCGTG  
CAAAGGGGACAACAAGCCTGCGCCGCTCTTCGTCCTGGGTAGTCTGTGGTTGTAACCTCAGCATGTTTCG  
CAGAGTAAATCTGTCGTGGCTTCACTTTTGGGTCCATGTCTTGGTTTCTGATGCTTATGTAAACATGCA  
CACGAGTGGATAAACAGCCCCGCTGGCTGCTGCATTGCCATAGACTAGAACATATGCCGACTTTTCTCG  
AAGGCTTGATCTCTGTTTCTCTTAGTTCTCTCTAACATAGTGCTTTCTTTCCAGCAGAAGCAAAATGC  
GTTTTTCAGATTTGTTACTTGAGTAAATTATCCATACCAATAAAAAAGTACAACGCAGATCCTTTTCTGTT  
AAATTATTATTGGATTTCCATTGTAATTTTGTGTTTTATCCGGCATGCATTTATTAATTAATTAATTT  
GG  
>GBEQ2556 |RC|Acc|BM781438|Ver|BM781438.1 GI:19129670|MLN1\_8\_B01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:29:Stop:652  
GTGCATTGATTTTTTCTTTTAAATGCTTGTGTGAAAGACACAGATAACCCAGTATGCTTAATGTGAAAG  
AAAATGTGTTCTGTTTTGTAAAGGAACCTTCAAGTATTGTTGTAAATACTTGGACAGAGGTTGCTGAACT  
TTAAAAAAATTAATTTATTATATAATGACCTAATTTATTAATCTGAAGATTAACCATTTTTTTTGTCT  
TAGAATATCAAAAAAAGGAAAAAGAAAGGTGTTCTAGCTGTTGTCATCAAGAAAAAAGATTATT  
ATCAAGGGGCAATATTTTTTATCTATTTCCAAATAAATTTGTTAATGATATGATGTTACCAAAATAGAGT  
TACATCAGCCTGATTAGTATAAAATTTTGTGACAATTAATCCATTCCCTGGCATAAAAAGTCTTTATCGA  
AAAAGTTGTAATGCTTGTGTTTTTGTGTTTTTCAATCATGGCCATATTATGAAAATACTAACAGGATATAG  
GACAAGGTGTAAATTTTTTTATTATATTTTAAAGATATGATTTATCCTGAGTGCTGTATCTACTCT

TTTACTTTGGTTTCTGTTGTGCTCTTGTAAGAAAAACAAATATAATTTCTCTGAAGAATAAAA  
>GBEQ2557 |RC|Acc|BM781436|Ver|BM781436.1 GI:19129668|MLN1\_8\_B12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:565  
GGCAGGAGATCCAGTACCAGCTAGTGGACATCTCTCAGGACAACGCCCTGCGGGATGAGATGCGAGCCTT  
GGCAGGCAACCCTAAGGCCACCCACCCAGATTTGTCAACGGGGACCAGTACTGTGGGGACTATGAGCTC  
TTCGTGGAGGCTGTGGAGCAAAACACGCTGCAGGAGTTTCTGAACTGGCCTAAGCCAAGCTGGCCCCCT  
CGACTCCATCACCACAGTCCCCCAGGCATCGCCCGCCAGCCACGAAAGACCCTGTGACCAATTCCCTG  
TTATTCTAACCTTCTGGCCTTGGAGCCCCCTCCCTTAACCAAGCCCCCTTCTCCTCCCCGTGTGCCCCCT  
CTCCCCATTCAAAGGCCACATTCCTTACCCACTAGTCTCAGAAATTGTCTTAAGCAACAGCCCAAGTGCT  
GGCTGTCTCAGCCAGGCCCTGGGGCTGCCACCCTGCCTGACACTGGCTGATGGGCACCTATGTTGGTTC  
CATTAGCCAGGGCTCTGCCAAGGCCCGCAATCCCCAACCTGGGACCACCCTAGAGACAATTAATCTC  
GTGC  
>GBEQ2558 |RC|Acc|BM781435|Ver|BM781435.1 GI:19129667|MLN1\_8\_B04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:517  
TTGTCTTATGCAGAAGGTCACAGTGATTAAAGGGCTTTGTGATGTTATTAATTATGACCATAACTTATAT  
TCTTTGTTTACCTGATGAACTTTGTGTTCTTTGTATATAATAAAATATGTATATATATTTTTTCTCT  
ATTGAAATCTTAACCCATAGAAGGGCCCTGACAATTTTGATCTAGCAGTCAAATTTCTGGAAGTTGAGAC  
TTTTCAGCATGAAGAACCAGAACACTTAGAAGGAATTATATGCAAGAATAAATTTTGTGCCCCAAATCAA  
GTTACATGTATAAATTTAGAGAGATTTGACTTTGATAGCTAAGTAGAACCAACCCCTATTGAAGAGTTTCG  
AAAAGGCGCTACTTTCGAGGAACATAATTTACTTTGCGGAAGTATTAATTATCTTAATAAAAAATAATGATA  
TAATTTCTCTGCAAAATCAGTTGTCAACATAAGCTGTGGATAATACCTAATAAAATAAACTGCCCTCAGT  
AACTCCATGATTAATAAATCTCG  
>GBEQ2559 |RC|Acc|BM781429|Ver|BM781429.1 GI:19129661|MLN1\_8\_B05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:645  
TCCATCTAAAAATACAGTTGCAACAGTCTCAAACCCCTTTTGGCTGGCATGAATAAATTTTATCTCAG  
CTTGAAATTAATTTTCAAGAGATCCAAACACTATAGGCCAAGAATAAACAACTCAATTCATTAAGG  
ATGTAGAACAAAAGAAGAGTGGAACACTACTTTTCTTGGATGATTAGACTGAATCTGAGAATATTGATAA  
GCCACTTATTAAGAAACATTTATTAGGATTTTGTTCATAGAAAACCTTAATCAGGTTTATGCCTCACA  
TACTCTGGAGCTTGAAGTATAGTTTACTTAATGTAACATCAAAGCCAGTTGTGTTGTAATTTGATGCT  
GAATACAGAAAATGCCCCATTTCTGTTCTAGATAAGCCCCCTTTTGTGCATAACATTTCTAAATGAAGAC  
ATTTCAAGCTAAACAAATTACCTCCAAGTTTTCATGATGTATGGGAAGATTTTAAATGGGTGTATAATAT  
TCATGTACCAAATGCTCACCAGTTTGGCCCCCTTTTAAAAATCTTGAAAAAGATTCTGTACTTACATG  
GTTTGCCCAAGTATGACAAATATAATGAAACTGCCCTTATTTTAAAGCCGGTCAAGACTCCACTGATGAA  
ATTTGATCTCG  
>GBEQ2560 |RC|Acc|BM781422|Ver|BM781422.1 GI:19129654|MLN1\_8\_C02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:641  
CACTGCCCAAAAATATGGTGTCTCGTCTTTGTGAATCTAAAAAGGTTGTGCTGCAGCTGATATGCAGCT  
TCAGGTCTTTTATGCCACTCTGGATCAAATCTACCATGGGAAGCATCCCTGAGGAAGTCAACCACTGAC  
ATTTCAAGGAAACACAGGAGAAGTTTATGGCTTACCATACGTTCCAAATACCGCTGGCAGCTGCGGT  
TCAGCCACCTCGTGGGCTACGGTGCCAAATACTACTCCTACCTGATGTCCAGGGCAGTAGCTTCCATGGT  
TTGGAAGGAATGTTTTCTACAGGATCCTTTTAACAGGGCGGCAGGAGAGCGCTACCGCAGGGAGATGCTG  
GCGCACGGCGGGGGCAAGGAGCCCATGCTCATGGTTCAAGGTATGCTTCAGAAGTGTCTTCTGTTGATG  
ACTTTGTAAGTGCCCTCGTTTCTGACTTGGATCTGGACTTCGAACTTTCTCATGGATTCCGAATGATG  
GAAACACCTCGAATCTTTAAATCAAGGTCATGTGGATATTAACCTTGTGTAATACAGCTGTGAACAC  
TCGTTCTCTGATTTCAATATTCACCTCTGTAATAACTTCTGAAAAACCTTAACTGATAGAACTTGAATA  
AATCTC  
>GBEQ2561 |RC|Acc|BM781418|Ver|BM781418.1 GI:19129650|MLN1\_8\_D02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:570  
GCACGAGTTTACTTTTAGTGACAGCTGTGCAAGAAAAATTAATGAAATAGTAGATCAGATAAAAACCAG  
AAGAGAAGAAGAAAAGAAACAGAAAGAAAAAGCAAGCAAGCTGAAAAGCAATTAATTTTCATGGCACT  
AAGTTTACAAATTGAGATTTTCTTAAGTTGGAAGCCAAAGTTTGATGCAGAACTCTTGAAATTAAGAAGA  
AACGAATGAAAGAAGAAGAACAGCAGGAAAAATAAATTAAGTGGGAAACAGCTGTTTGAACACATCA  
TAATCTTGACACATCAGATATCCAGTTCTTGGAGGATGCTGGAAACAATGTGGAGGTAGATGAGTCTTTG  
TTCCAGGAAATGGATGACTTGGAGCTGGAAGATGATGAGGATGATCCAGACTACAATCTGCCGACCCAG  
AGAGTGACTTGACTGACTAACGACGACCTCCCATCTGCAGAGGCTTGACTGCCACAGCATCTGTGGCTAT  
GCTGAGAGGGTGTGGATTTTCTTTCTTTTCTTCTAAGAAAAATAATTTTCAGGAGAATATTTCTTCTGA  
TACTCGTGCC

>GBEQ2562 |RC|Acc|BM781413|Ver|BM781413.1 GI:19129645|MLN1\_8\_D12.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:634  
TCTCTAAGAGTAATGTGCTAGACTGGCCTGTCAACCTGCATATTATTCCCTCAACTTCCCAAAAGTTGCAT  
AGACATTACAGCTTTTCATTCATCAGCTCTCAATCTCAATGATTACAAATGAAAGCATCCTGGCATGAAA  
CCTCTTGCTCGACTCCATCTTCGCGGTAGCGGCTGCGGTGGCAGCGATTAGCTCGCCGACATGCAGCTCT  
TTGTCCGCGCCAGGAGTACACACCCCTCGAGGTGACCGGCCAGGAGACGGTCGCCCAGATCAAGGCTCA  
TGTGGCCCTCGTTGGAGGGCATCGCTGCAGAAGATCAAGTCGTGCTCTTGGCAGGCACGCCCCCTGGAGGAT  
GAGGCTACTCTGGGCCAGTGTGGGGTGGAGGCTCTGACCACTCTGGAAGTAGCCGGCCGCATGCTTGGAG  
GTAAAGTCCATGGCTCCCTAGCCCGTGTGGGAAAGTCAGAGGTGAGCTCCCAAGGTGGCCAAAGCAGGA  
GAAAAAGAAGAAGAAGACAGGCCGGGCCAAGCGCGGATGCAGTACAACCGCGCTTTGTCAATGTCTGTG  
CCCACCTTTGGCAAGAAGAAGGGCCCCAATGCCAAGCTTTAAGTCTTTGTAATCCTGGCTTTTGCCT  
>GBEQ2563 |RC|Acc|BM781409|Ver|BM781409.1 GI:19129641|MLN1\_8\_E02.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:24:Stop:618  
GCACGAGTGACCTGGAGTACACAAATCTGACAACTCTCTGCAACTGTTGCTCGTTTTTCCTTC  
CAATCCATTCTCCACAAGACAAGACAATATTACAACAGTAATATTTTTAATATAAATCAGATCCTTCGCT  
TGTCTGCTTAAAACGCTGCAAGACTTCCAGTGCCTCAGAATGAACTGAGTCTCCCTGGCCCTGGATG  
GTTTGACCCATCTCAAGCCTCAGCTATCATCACTCTCCCGCAGTATCTCTATTTAGCCTCCCTGAGCTT  
CTTCTAGCTCCTCTGTTTAGGAAAGAGTTCTCTATGTACAGTTTTTACATCTGCCTCAAGGCTTTCC  
TCTGCCCTGCTGGTTCTCTCTTTTCTTTAGGTCTCAGCTTACATATGTACCTTGAAGACAGACCTTCT  
CAGACCATCCATCTAAAATGGATCCCTTATTATCTTTTACAACCTCCATGTCAATTTGTCAATAAATA  
TTTATTTTTATTTTTTTAATCTGTTTATCTTACTATACCATAAGATCTCCAGGAGCAGGAACCATGATA  
ATTTTGTATTATCACTGTATCCCTAGCACCTGGCAC  
>GBEQ2564 |RC|Acc|BM781408|Ver|BM781408.1 GI:19129640|MLN1\_8\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:641  
CAAACCTGAGCTTTTTTGCGAATACAGGACCCATACACTTGGAGTTTACATTGTTATTCATCAAGGAGGA  
AAGTTTCTTTGAGGATACTTACTTAGTTATAAATCATATGCATTTCTTCTGATAATATACCTATTGTTTA  
ATGCTAAATTTTCTGGAAAATAAGGGAATGAGAAGTTAAACCTCAACTCTGAACACGTGGCTTGAATTA  
AGAAGGAAATAATGGTATGATTTCAATCAATCATTTTACATGCTAAGAAAACAGGCTTCCATAAGAGCC  
TGGAAAAGCTGCCTGGGAACTCATGGAACTTTGACATGACAGCAGACAGAGGGCTTCGTATAGTAGAGT  
CTTCTGTTTAAAAGCTCACTATTGAGAGGAATGAGGTCCCTTCAATTTTAAAGAGTTCTTTTATAAGATT  
ATTGTCACACATAAAAACTAATAACATTCAAAGATCCCCAGACTTAAATCCATAGAATATCCAGGAAAG  
CATTTGAAGGGTGATATTCAGGTATACTCCTTTATACATTTGCTTTGATGGACTTTTTACTCACATTTTT  
TGCAAAGACTTTTTTTTTTTGGTCTCTGGTATCCAATCTTTAATGCTTCTTGTTAATCTAATGCTGTTT  
AATCTCGTG  
>GBEQ2565 |RC|Acc|BM781404|Ver|BM781404.1 GI:19129636|MLN1\_8\_F06.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:654  
ACCAGTACACTCATACAAAAGATCTCATATTTCAAAGGCTCAAGATAAAAGTTTGGAGGAAGCATCTAAC  
ATCTCCACCAGTGATTTATCTTCACCACACTGGACTGAGGAGAAAGAAAACCAATAGACCACAATAGTA  
TGCATAATTCTAAACTTGCAAAGAGGGGTCAAGACATCTCTGTAAACGTAAAACAAGAACTGATTGCAA  
TTCTTTAGAGAAAAGCCAGTCACTCGGACATCTCAAGTGAGTTCTTATCTGCCATCTAATTTATCAGAA  
CTAGAACTTAATGTCTTGGATAGGAGTACTTCAGATCACTCTGAAGAAGACAGTGATGAAGTTGGTTTAC  
TAAATATTTCTAAGCAATGCAGAGATATTTGTGAATTAGTAATAAATAAACTTCCAGGATATACAGTGTA  
AAAATATGTGCTTTTAAAAAACTTTTAAATGTTTTTATAGCCTATATGTACTGTTAGTGAAACAATTTTTA  
ATACCTACGTTATTTTTTAGTATGTAAATTATGTGAATCTTTTTAAGAAATATAAATGTTTGTCAATCCT  
TTGATGTTTAAATAGTGTGTTGCTGTTAAATCTGACAAGATTGATCCTGAGATCCCTTTATAACCTGGGTA  
AGGTTTAAAGTTGTTTCTCGTG  
>GBEQ2566 |RC|Acc|BM781400|Ver|BM781400.1 GI:19129632|MLN1\_8\_F03.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:73:Stop:616  
ATTTCAACTATATTTACTTTTTAAATGTGTGACTTTCAATTTTTTAAACCAAACTAGACACCTTACTTGTG  
AAAGTTGCTTAAAGCTATTTGTGATAGACACATCTGTCAAGTGAAGTAGTTTTATGGGTGTTGGGGTTT  
TTTTCCCTCTGACAGGGTGGGTGGAACAAGTTGATTTGGCTAATGCGTAATATTTAACTGCTCTGTA  
AATAAGTGTCTGGCCACTCAGTATAAGTTGTATGTGTGAAAGGTTTCAACTCAAATTTGTACATCCGTAA  
TCAACAACCTTAACTTCCCTGTTCTAAAGAAACCAAGGGCACTGGTTAGTATGGTAAGATGGGGGAG  
TATGTTAATTTTTGGAAATTTGGAAAGCAGACAGCTTTACTTTTATAAGGTTGGAACAGCAGCACCATCCAT  
GAAGTGTAACCAAAAACCTTACTGTTTCTGAAAATCCTATATTACTATTAAATTTTGGTCTTAAAGTTGAT  
AGATGACTGTTCCACAGAAGGTGATAAATCTTTTACCTCTTTTTCCATTAGAAA  
>GBEQ2567 |RC|Acc|BM781396|Ver|BM781396.1 GI:19129628|MLN1\_8\_G02.g1\_A005 Mesenteric lymph

node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:299  
CAAAACACTGTGGGAACCAAGCCATTACCAAGCAAACTCTCTACTAGAAACAAGAGGATGGTCTGGA  
AGTAAAGTGACCTTAAGAAGACTCTTTCCAGGCAACAAATGAAGCTTTTCTAAGGGATTTTGCATCAG  
TTCAATCATAAGAATACTTTTTTCCAGGATAATTAGGCAACAGCTTCACTGAAATGACAGCTTTTCAT  
TTGCATTATTTAATCCTTATATTTGGAATTGAAGTTGTTAACTTCTTTTAAAGAATGTACTATTAGAAAA  
ATTAAAAA

>GBEQ2568 |RC|Acc|BM781391|Ver|BM781391.1 GI:19129623|MLN1\_8\_G08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:648  
CGCAATTGGCGAGTCATGCTCAGTTGCGCAAAATGCTGGGAGTTTTTTTTTTTTTCTTACCTNTTCTGTC  
TTGATGAAAATGTTGCACATTCTAAAGTTGCCAAACCAATATAATGGGACATAACATTTACATTGCATC  
TTACCTTGCAGCTGATGCAAGGGTTGCTTTCTCTGGGGACCTCCCCATCACCAGATTCTTATTCTGGG  
CTCTCAATTTCCCTGCCCTGCCCTGTGGTTTGGGTGAAGGAGCCATTAGCTCACTCCATTGTGTTTCTGC  
AGCCCTGGCCTAAGAAGGGTTATAGAGAGGTCTTACATCCCCATATGGGATTTATCCAACAGCCACATGA  
AAATAAACAGTGCCTTCTGCCCTCCACCAGGCATTACAGCATGTTCCCAAGCTGGCACTCCCCGGGGA  
CTCTGGAAGCCCTCAGTTTATTCTCTGCTAAAGCCCCCTTTCTTGTGTCTCCTATGTCCAAGTTGG  
GACTTTTAGAGAGGGCTGTCTCCAGACAGCTCCAGCTGGAACCAAGCAAGGCCAGACAGCCTGGCAGGC  
AGGCTAGTGGTATTGTCTATATGGGTGGGACGTGTGTGTCTATTGTTATTGTAATTGTGCTGTTGTTTAGG  
GGAAATAACCTCGTGCC

>GBEQ2569 |RC|Acc|BM781388|Ver|BM781388.1 GI:19129620|MLN1\_8\_G05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:636  
ATGAAAATACCATAGGAAGAGATAAACTTTAAAGGCCAACTCAAAGATGATGGAAACGCACCTTAGAAGT  
GGTGACCAAAAATTTTAGGTGAAGTTGACCACTCTAATTTGAGAACTGGAGGAACCACATACAACTTA  
ACTTCCCCATCTCTGGCCTCCCCCCCCCAAAAAAAAAACCACCATGACAAACCTAGCTTTTTTAAAAAT  
ATTTTAAGAAAGAGAATGAAGTGTGGAATTTATTGGCAGCCAAGGAATGTGTCCAAGACACATGCTGAGG  
TTTTGAATAAAAAGTGAACCTTTTGTAAATTTGAATTGGGTCCCGCTTAGTTCCTGAATTGTTATGAAAATC  
CTATATCTGTTTGTATATTTGCAACCCCTTTGTATTATAATTTGTTGATATTTCCCTTTTTAAAAAATAC  
CATTGAAATCAGCATGACAAAATAACACTGTTGGCACTTATAGATAACGTGATTGATTCAGTATCTTAGA  
GTTTACAGTTTGTGTTTTTAAAAAACTGAAGGTTTTTTTTTAAGTGCAACATTTCTGTATACTGTAAAA  
GTTATAATACTGAAGTGTGTTGGTCGAGTCTTTGTGTGTTATATTTCAAGGAAAATTGAAAGTATTCAC  
TCTGC

>GBEQ2570 |RC|Acc|BM781387|Ver|BM781387.1 GI:19129619|MLN1\_8\_G04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:574  
GCAGCTGGAAGATGCGCAGTAACCCCGAGAGCGTTTCGTGTTAAGAAAAGTGCAGAGGGCTCTTCTTCC  
AGCCTGTGTCCCAAACCTTCAGACTGAATTTTCTCATCGCTAGTACTTCAGCTAATGGCATAAAGCAAAG  
CAGACTCTGCAAAACCGTCAGCTTTGAATCTGAACACGTGCGGCCACGCCGACCTTGCTCCTGCAGACGCC  
GTCCACCCTCCACCGTGGCCTTACGACAGTCTCTCCAACCTGCTCTCATTTTTTATGACCTAGGAATTATAG  
AAAATGGAATAATTTGGGCCAGCATAAAATAAAGTGAACCAAAAAATTAGTAGAAGAGGAAATCAAATGAA  
GATGAATATGAGAACTTCTTGTCTTAATATCACGGGTTTTTGTAAATGTTTTATAAGTAATTTTCCCTA  
CTTGATTTTCCCTTTTATAAAATCTCATAGAACAGTGTATGATACAGCCATTAAATATATGTACAAAT  
GTAAAGAATATGTACAAATGTTTACACAAATGTAAGAGCATGTAGAAGCCGACATATAAATAAATGTT  
AAAAACCTCGTGC

>GBEQ2571 |RC|Acc|BM781386|Ver|BM781386.1 GI:19129618|MLN1\_8\_G12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:292  
GCACGAGACTGATGTGACCTACCAGATTTTCAAGACATGTGTTAATAGCATATATATGCCACTGAAACTT  
AGGTCCTGTATCATATTTTTTCTTTAAGACTTTTTTAAGAAATATTACTTAACATGTGGCTTGCTCAGTG  
TTTTAATTGCAAGTTTTTCACTTTGGACTTTGAAAACGGGATTAACGTTGGTATTGTGTGAATCAGACT  
AAGTGGGATTCCATTTTTTACAACCTGCTATACCTAGCCTTTGGATTAGAAAGTGAAAATAAAGTATCTC  
TGACCTCGTGCC

>GBEQ2572 |RC|Acc|BM781378|Ver|BM781378.1 GI:19129610|MLN1\_8\_H11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:150:Stop:614  
GCCCATCTGGTGGGCCCTTTTTTTTAAATTTGTTGATGTTCTCTGTTACACAGTTTTTGTCCAGAGTA  
CTTGCTGAAGTGTGTTTGAATCTCATGATGGCAATGTCTCTTCCCGTATCACTGTAAAAAAATTTCTAT  
CTGTGGGATTGTTAGACATTTTTTGACGTGAGGGTGTCTGTTCCACCTTGGCTGGGCCTCCAGGAGACT  
CGTGTCCCCTGCTGGGGAGGACCAAGCCAGGCTGGATGGGTCACTCTCAGCTCGCGCCAGTGTGGCCTT  
GACTGAGCCTGGCTCTTGCTAGTTTCGGTTAAACGGAGACTTGAGGTCTCTGTTCTGGGGGGCACCCAC  
CACGACTGGAGGTGGGTGGTGGGTGCGGCTGAGCCAGGACAGGCCTGGGCAGCCCCCTCCCTCCCCA  
AGCCAGGCTTCTCGTTGCTCTGTGACGTCCAGGGTGGCCTGAGGC

[illegible]



>GBEQ2583 |RC|Acc|BM781332|Ver|BM781332.1 GI:19129564|MLN1\_7\_E07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA, mRNA sequence.:Start:13:Stop:647  
TGGTATTATTGATTGGGTGGTATCATAATAGTTCCTCTCTCTTTAGTATTTGAAAATAATGTGTACGATTTC  
CATAATGGCCAACCTGAAGATTGAAGTACCTGGCAACCTTACTGTGTTTATGATTTTTCAATGTGGAC  
CAGGAAAGCGTAGGTAACCTTTGAACCTCAAGTGAAAGCTGCAGACCTTTTCATGTGATTTATCATGTTTAA  
AATTCCATGATTCCTATTCCTGCCGTATTTTACATGTTGCTTATACAAAATGACTCTTCTGACTAGTGAC  
TGCTTCCCTGTCTCGGTGTAGAAGTGCCTGTGCGTTTATTTATTGTTTCAGATCAAAGACCAAAACATTTT  
CTTAAATATATTTTTGTGTAATTTTTTGTATACAGCGTTGTTGATGATATATTTAACTAGAGCATTA  
TATTTTTTAAGTGTTAAGGTATAATGTGTTAAATAAAGCTAACTGTTATTTTGAATTTTTAAAAATTCATT

[illegible]



node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:514  
AGGCGGTCTGCTCCCTTGCCCCACCGCGTTGATGAGGCCATTCCACATCGTTTTTAAACTAATGTTTTCT  
TATCTTAAACATTGTTATGGATATTTGGCTTTCTGGGCCACGCACAGGTGTGCTGAGCGGGAAGCCCCAA  
GCTCCAATCAAAGGGATTCTAGTCGCGCTCCCCAGGCACTGCCAAGCCAGTCCACGCTTTTTCTGTTTG  
TCAGTATTATTTGGGAAGGAGAATGCTGAGATGTACCATCGTGCAGCAAATCACGTTTCTCTTGGCAGC  
CGGTTGCACAGAAGTAAACATACGCATGTTTTAACAGGTTTTCTTTTTTCAATTTTTTACGTATTATTTATT  
TAACCTCCATTGTGTGTTTTAAGTCTTCTTTTTCTTTTTTTAAGGAAAGGAAAAGCTTGCA  
CAGTCTAACTGGCTATGTTATTACTGTTAAATTTATGTTGTTTGCAACTTAGAAACCAGCTACAGTATG  
GCCCCACTTAATAAACCTCG

>GBEQ2590 |RC|Acc|BM781303|Ver|BM781303.1 GI:19129535|MLN1\_6\_A02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:58:Stop:609  
TAGGGATTGATGAATGGGAAGAGTTGAGTCAGACCAGTAAGCCCGTTCTGGGTTTCTTGAATATGTTCCC  
ATGTAGGAGGTAACCAATTCTGGAAGTGTCTTTGAGCTTCCATAAATAACTTTAATTTTAGCTTAATG  
ATGGCCTTGGATTGTCTGACCTCAGTAGCTATTAATAACATCAAGTAACATCTGTATCAGGCCCTACAT  
AGAACGTACAGTTGAGTGGGAGTAAACAAAATAAAAGACAAATGTGCGTGTAAATGGCTATGTGAGAAA  
AATCGGGATAAAAGCCTAAACAGGAACAACCTTCATCACAGCGTTGATGCTGGATATACAGATGGTGTATGG  
CAAAGGTTTAGAACACATTTTTTCAAAGACTAAATCTAAACCCAGAGTAAACATCTATGCTCAGAGTTA  
GCATAATTTGGAGCTATTACAGGAATTGCAGAGAAATGCATTTTACAGAAATCAAGATGTTATTTTTGTAT  
TACTATATCATTAGACAACGTGTGTTTCATTTGCTGTAAATCAGTTTTTTAAAGTCAGATGGA

>GBEQ2591 |RC|Acc|BM781297|Ver|BM781297.1 GI:19129529|MLN1\_6\_B05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:78:Stop:670  
ATGACGAAGATGATGATGAAGATGATGATGATGATGATTTTGATGAGGAGGAAGCTGAAGAAAAAGCTCC  
AGTAAAGAAATCTATACGAGATACTCCAGCCAAAATGCACAAAAGTCAAACCAGAATGGAAAAGACTCC  
AAACCGTCAACGCCAAGATCAAAAGGTCAAGAATCCTTCAAAAAACAGGAAAAAACTCCTAAAAACACCAA  
AAGGACCTAGTTCTGTAGAAGACATTAAAGCAAAAATGCAGCAAGTATAGAAAAAGGTGGTTCTCTTCC  
CAAAGTGAAGCCAAGTTCATCAATTATGTGAAGAATTGCTTCCGGATGACTGACCAGGAGGCTATTCAA  
GATCTCTGGCAGTGGAGGAAGTCTCTTTAAGAAAATAGTTTAAACAGTTTGTAAATTTTCCGTCTTAT  
TTCATTTCTGTAAACAGTTGATATCTGGCTGTCTTTTTATAATGCAGAGTGAGAACTTTCCCTACCGTGT  
CTGATAAATGTTGTCCAGGTTCCATTGCCAAGAATGTGTTGTCCAAATGCCTGTTTAGTTTTTAAAGAT  
GGAACCTCCACCTTTGCTTGGTTTTAAGTATGT

>GBEQ2592 |RC|Acc|BM781295|Ver|BM781295.1 GI:19129527|MLN1\_6\_B03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:73:Stop:571  
CTTCTCTNGTACAAATGATGTACTTTGAAAATGTCAAGTGTATAACAGAATTGATGTTTGTGTTGTTTCTG  
TTTGATTNTAAACAGAGAAAAATAAAGGGGTTACAGCTCCTTTTTTCTTTTTTTTTCATTTCAAAGTTA  
CTACAGGTGATATGATGACAAATGGAGACATCTAGAGTGTTTTTATTGCTAGTTGACAAAGC  
TGCTTTTGAATGCTGGTGGTTCTATTCTTTGACACTACGCACTTTTATAATATGTGTTAATGCTATATG  
ACAAAATGCTCTGATTCTAGTGCCAAAGGTTCAATTCAGTGTATATACTGAACACACTCACCCATTTG  
TGCTTTTTTTTTTAAATGGTGTCTAGTAAAGAGCCCATCCTTTGCAAGTCATCCATGTCGTTTCTTAGGC  
ATTCTATCTTTGCTAAGATTGTTGAAGAATGGTGGCTTGTTCATGGTTTTTGTATTGTGTCTAATGCA  
CGTTTTAAC

>GBEQ2593 |RC|Acc|BM781293|Ver|BM781293.1 GI:19129525|MLN1\_6\_A11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:653  
AAATGTTATAAAGTATAGCATACGTTATGTACATTATAAGGAGGAATGTTTATTACTAATGATGAAAAAT  
TCTTAAGCATTTGTTGTTGCTCACCTAGGAAAATTTAGCAACTTTTCTTCTCTCTGGAAGTATGACGCT  
TATTTTCATGATAATAAGAATAGTTCTGTCCAAAGACAGAGGAGATAGACCACATGAGCTTGCGAAGTTT  
CTTCTAAGTCTTAAAGATACTATAATTTAGTATTTTATGATTTCAAGTGTGTTCTTACTTATTTCTTTT  
TCTCAAGGTGGATGATATAAAAGCAGCTGTGATGGATTGGAAGGAAAAGAAGATCCGTAGTCTAAGTGAA  
GAGGCCAAAATAGGAGCACATGGAAAACCAAGTGAATTTTCTCCATCCTAAAGACTGTGGTGGTGTCTTG  
TGGAATTGGAGCAAGCTTGATATATATTTGCAAGAACTAATTGGGCTGAAAAGCCTCATCAAAATGTA  
CTTTGGCATTGAGTCTCTTACTGCTTCTATCACTTTTCAAAGCTAAAAAGTAAATGACAAAAGAGATTT  
TTTAAATTATTCATATATATGTTTCGTTAATTACTTTGGATTTTTTTTTTCTGATTGGAGAAAACCTTGA  
TTACTGAATACTTGGGG

>GBEQ2594 |RC|Acc|BM781287|Ver|BM781287.1 GI:19129519|MLN1\_6\_B09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:535  
GTCCATGACCGGGACATGCCTCAGAAGGAGCGAGATCCATCATGAAGGAGTTCCGGTCCGGCGCCAGT  
CGAGTGCTCATTCTACAGACGTCTGGGCCAGGGGGTGGACGTCCCTCAGGTGTCCCTCATCATCAACT  
ACGACCTGCCCAACAACAGAGAGTTGTATATACAGAAATCGGGAGATCAGGTGATATGGCCGAAAGGG

TGTGGCCATTAATTTTGTGAAGAATGACGACATCCGCATCCTGCGAGACATTGAGCAGTACTACTCCACT  
CAGATCGACGAGATGCCGATGAACGTTGCTGATCTGATCTGAAGAGTCTGCTTTGCTGGAGATGGTTGGG  
AAACGCTCTGCCGTGTTGGACTCCCGTTTGGACCTGTTGAGGAGCAGTTCTGTTTCATGGGGTGCCTGT  
GAACTCTGTACAGCTCCACAAGACGCGCACTGTGGATTCTGCTTCTTTCTTACCTGTATGTAAATAT  
TGCACGGCTTTCATCTTTTTTCATTAAACATTTAGAAGTTT

>GBEQ2595 |RC|Acc|BM781285|Ver|BM781285.1 GI:19129517|MLN1\_6\_B07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:109:Stop:510  
CATCCATCTAGCCAAAGCTTGCCTGCGATGTCAAAGGAGGAAAGAATGAGCTGAGCTTCAAGCAAGGAGAG  
CAAATTGAAATAATCCGCATCACAGACAACCCTGAAGGAAAATGGCTGGGCAGAACAAACAGGGGGTTCAT  
ATGGCTATATTAAAGACAACCGCTGTAGAGATTGACTATGATTCTTTGAAACGGAAAAAACCTCTCTTGG  
TGCTCTTTCAAGACCTCTTGAAGAGGACCAAGAAGTGTATGACGACGTTGCAGAGCAGGATGACGTCAGC  
AGCCACAGTCACAGTGAAGTGGAGGGATGTTCCCCCTCCACCAGATGATGATATTTATGATGGGATCG  
AAGAGGAAGATGCTGATGATGGTTTCCCTTCTCCTCTAAACAATTGGACAT

>GBEQ2596 |RC|Acc|BM781284|Ver|BM781284.1 GI:19129516|MLN1\_6\_C09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:655  
TGAGANATATGCTGTAGAAGCTGTCATAGTTCTAAGTCGGACTGTATATTCAAATTGTAATTATGAGGT  
TTAAATAGTAGAGAAGTATGTAAGGTAGTATAATTGCCACTATTTTAAACAGTTCAATTAAATACTGCT  
ACAATATTGGTGTGTTGCTTGAATAATGTACAGTTTTTTTCGATAGTAATACCATATGTTGTCTTAA  
TATCTCTAAAGCGCTTTTATTTCAACATTACCGTTTTTTCAACATTATCTTTTATAACAATAAGAGTT  
GTTGCTTTTGAAGAACTTCAAACGAAATAATAGATGAAAACCCCTCTGTAGCTTAAACAGTCATTAAAA  
CTCACAATAGGGTAAGTAATTAGAATACTGTTCTTAAACATGTAATAAGCATAATTTGTTCCAAAGAT  
GAAATATTGAACTTAGTTTCATGCTGCTGTATTGTTACTCAGATGCTACTGGGCATTTCACATTAAAG  
AACTTATTTCAACAATAACAACAAAGACCAATCTGAACTGCTGATGCGGCTGCTTTGCAGTGAATGGAC  
TAATGTTGTATGTTAGATCTTAAAGTATCAATATTTACAGCCCTGCAATGATTTTATTTCTGAATTCATG  
TACTGTACATTCATAAGCTCGTG

>GBEQ2597 |RC|Acc|BM781282|Ver|BM781282.1 GI:19129514|MLN1\_6\_C08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:640  
CATCTATGCTGTTACGGAGGAGGAGTCCGATGAGGAAGGCATCCAGGAGAAAGGAGGGGAAGACGGGCAG  
CAGAAGTTTCATCGCTCACGTCCCAGTGCCATCTCAGCAAGAGATCGAGGAGGCACTTGTTCGAAGGAAG  
AGATGGAACCTCTCCAGAAGTATGCAAGTGAGACCCCTGCAGGCCAGAGTGAAGAGGCCAAAAGACTCT  
GGGATATTAGGGCCAAGCTGGGACCCCTCCTTGGGGTCTGGAAATCTGCGGGAGTTCTTCATCCCCTGCTG  
GCCCTTGCGTTACCCACAGGGCTCTGCCATCCTAGGACTGCAGACGGGCTGATCAGCGATATGAGGCTT  
CCTGCTGCTTCTCACCATTATCCTCCACTGACCTTTTCTCACCTCATCTGAACTGAGGGAAGGGTCTGC  
CCTGCATCTCCCCAGCACCATCTGCTGCTGCACTCGGCCATCGCCTTGATACAAATGTTTGCTTA  
CTGGATCAACTCACTTATGTTTATCTTGCCTGTGTAAACAGGCTGCTAACTGGCTGCCTTTAAGTGTTT  
TATTTAGCCTTCTACTGTCTTTGGTGGGCAGGATGATAATTAGTGACCACCATTAAAAATTTGCAGTTT  
TTCTC

>GBEQ2598 |RC|Acc|BM781280|Ver|BM781280.1 GI:19129512|MLN1\_6\_C06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:107:Stop:647  
CAGGCGGCTATCGTGAGGATTATGAAAATGAGGAAGGTTCTGAAACACCAGCAGCTGCTGGGAGAGTGC  
TGACTCAGCTGTGCTCCAGATTCAAGCCTCGGGTCCCCGTCAATTAAGAAATGCATTGACATTCTGATCGA  
GAAAGAATATTTGGAGCGAGTTGATGGTGAAAAGGACACCTACAGTTACTTGGCTTAACCTTCTAGAAG  
GGTCTGACTGTGCGACCCACTGCAAATACTTCTGGTGGAATAATGAAATCAACTCAAGTTCATAGCAG  
CCAGCCTGCCGCCATTTGGACCTCCCTTTTTAAACCTGGGACCAAGACTCCATCAGCCGGTCTCAGATGT  
ACATCAGAACTGCTCAGGATTGATACATTTCAAGTCTGTAAATATGGACACCAACGCCATTTAACTAAT  
TTAAGAACAGAGGGGACTGGAACCTTCCATGCTGAGGGCTGCATGCTACTGCATTTAAATCAATACATTG  
GCTACTTGGTTAACCGCTGTCGTTCTTAGGCAGCACTTAGAATGTTGGCAGC

>GBEQ2599 |RC|Acc|BM781278|Ver|BM781278.1 GI:19129510|MLN1\_6\_C04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:66:Stop:595  
ACTTTTGATGCACGCCACATGCTTCTCCTCAGTGACGCTTCGCCAGGGCTTCATCTGCAACAT  
CCTCACCATTAATAAAGAACAGCCCTTATTCACCTCTACGGCAGGTTGGGATGATCTGTGAACGTTTGT  
GAAAGAACCTGAAGAGAAGTTTCGAGAAGAGTATGAAGAAATATTAACACAAAACCTTGCAACAATAT  
GATGCATTTGTGAAGTTTACGCATGATCAAATAATGCGACGATATGGAGAACAGCCTGCTAGTTATGTTT  
CATGAATCACGTTTTCTGCATTTGTTGGCTGCCTTCTTTGTTGAAATGTTGCAAGAGGTCCTCAATTA  
TGACATGCAGCAATGCCAATACCCCCCTATGAATACAGGTTATTTCAAGCTTTCGTCAGTGGCAACCAT  
TTAGGCAGCAACTGGTTTTTGAAATTTCCCTGATGTCAATACCACCCGATGTGGACCTTTGCTACCTGT  
ATTAATACCAGTGGCCTCATTTGCTGTATCATTACAATTT

>GBEQ2600 |RC|Acc|BM781277|Ver|BM781277.1 GI:19129509|MLN1\_6\_C03.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:42:Stop:607  
 ATCCGTCACAATGATTGTCTCCACTCCATATTTTTTAATCCCTTAAGCATTTGATGAAACACTCTTTA  
 ATGCTATATGCATTTTCTTACTTTCATTAAAAATGTGACAATTGTCAAAAAATGCACTAAAATATAAATG  
 GAGATTGAACATGTTTCACTTTCCAGCTTATAGGCACTTTATATAGACTTGAAAATTTTCTCCAGTTGTT  
 TAGTAAAAGTGAAAGAGAGTTTCTGCCACAGGATATGACTTTTTTTTTATATAACAAGCATAACTTAC  
 ACCACTGCTTTTGGTGGAAAAGTGCAGAATAGTATGTACCTTTTATGAAGAAAAGTGTAAATTTACGATAT  
 TCAGTGAGAATGTTACTGCTGATTTTCTTTCCAAAGTGTAGAATATTCTTTGATTTATAAAATTCCTTT  
 TTGACCCAGATGATGGTTCTTTTACAGACCAATAAAATGGCTGAACATTTTCACAAATAAAGTGTAACTA  
 AATCTGGATTTCTGATACCTTGTATTGTTGGGGGATTTATTTTACTTTTGTGCTTTAAATTCATGCAG  
 AGAAGT

>GBEQ2601 |RC|Acc|BM781275|Ver|BM781275.1 GI:19129507|MLN1\_6\_D04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:47:Stop:555  
 GAAGTCCAGAGAAGTTCAAAGCCTTTGCATTGATTCGATTTGACCTTCCTTTCTGACCGCTGCCTGGTGT  
 TATCACCTTGGGCTCCCTCGCTGGGAGTTTACCACCTTCTCAGGTGGAGCGCCCTTTTGCAGCTGGATG  
 AGAATTGTGGGGTCTTATCCCTCTACACATTTTCCCTGACCCATTCCAAAGGAACCCCATCTTGGGAA  
 ATGCTCCCTAGAAAACCTCAAGTCTAAGCAGACCACTGACACGGCCAAGTTGAAAAAATCTCACAGGA  
 AACTTGTATTCTGCAGCCTCGCTGGACTCTCAGTCCCTGAGCAGTGTGGGTGAGTGTAAATGTGATA  
 AATACTGTATTTTGTATTGTTTAAATGCATCTCCCAGATAATGTGAAGGTGGCCAGGAGAAGCTTCTCT  
 GTATGCATTGTGCTTTTTTTTTTTTTTAACAAGTAACAACCTCTTTTGAGAAACAATTTCTACTTTGAAGT  
 CATATCAATGAAAAGATGT

>GBEQ2602 |RC|Acc|BM781274|Ver|BM781274.1 GI:19129506|MLN1\_6\_C10.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:612  
 ATCAGACTTTTTTGGGGTTTTTTTTTCTATCTCAAATGTAAGCTACAACCTGGTCTACTATGTCTCTAGGG  
 GTAAGCACAATGACGAAAGTAAGTATTACTCTGTTTTTGGAGACTTCATCCAGTGTGCAAAATTTCTGTCA  
 TTGTGATACTCTAATTATGTGAGAAGGGTTGCTGCTATCAGCCTTGCCCACTGTGATTTCTGCAAAATGCA  
 AGGAGGAACTCTGGATCAAGATGGTCCAGCACTACGATCAGAGCCTCCAGACGCTGCCATGAGAACTAG  
 GGGGAGGTGTCCACGAAGGCTCCAGGGCTCCCTTCCCTGCCCATTTGTTAGGAGACAGGGATGTTGACAG  
 CTCCTCTCACTGCAGCCGCTAGCACTTGGTCTAGTCAACCTCAGCCTTAGCACTTTGTTCACTGTCTGTG  
 TCAGAGCACTGAGCTCGCCACCTTTTCTGAGAAAGTATGTGGGCTGAAGGTGGTTTTATTTTTTGTGTTT  
 TTAATTGTATATCTTTTTGTATAATAAAAGCTATATTTTGTACTTAACCAGATATATTTTACCCAGGT  
 GGGGATATTCTTTGTAAAAAATAAAAAATAAAATTAAGTTTTCTCGTGC

>GBEQ2603 |RC|Acc|BM781272|Ver|BM781272.1 GI:19129504|MLN1\_6\_D02.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:42:Stop:630  
 CTCTTAAATTTTCATCACTGTTGATGTGGTCTTTTTGTGTTAAAAAAGTGCAACTATCAAAAGTAAAAA  
 ATTATAGAGTAATATTGCCGTTCTGCTGATTTTAAATATACAGTACATCATACATACTTTACAAGCAAGT  
 TAAATGGAGATAAAGTTGAAATCATAGAAGATGCAAAATGACCTTTCAAATCAACACAATGTGTTCTGAA  
 ACTTTTCGTGACTTAATTACCATGCATCTGTGATCAATGAACATATGTGGTTGAATCAGACGTAGACCAT  
 TAGTGCTACTACTTGAGCTAAACTTCTGCATGGTTCATGATTTTTTCAAGTGTGTAGTTAATATTATGCAT  
 GTTATTTGCTCTCTCTCCATTCTTACCAGTATGTGCCATTTGCAAAACAAAATGCTAATAATCAGTAA  
 TAGTCTATAAACGATGTTAACTCTGTTTAGTCATGGGCTGATCTTGCTCTAACCTTAAATTTTGTGAT  
 TATTGACCTCTGTTGCATTTATTCTAAAACCCCCAAAATTATCTAGCTGTTTCGAATATCAGCATTACC  
 CTGGTGTATTCACTGCTGTATGCATTATT

>GBEQ2604 |RC|Acc|BM781265|Ver|BM781265.1 GI:19129497|MLN1\_6\_E09.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:651  
 GTAAGCCTAAAAGTGATTCTTTGAAAGTTTAAAGAACTTGACCAAAAGACAGTACAAAAACACTGGCAC  
 TTGAATGTTGGATGTCCCGTATGCGTGAAATTATATATTTTCGGGGTAGTGTGAGCTTTTAAATGTTAAGT  
 CATATTAAGTCTTAAGTCAAATTAAGCAGACCCGGCATTGGCAGTGTAGCCATAACTTTCTGATGTTAG  
 TAAAAACAAAATTGGCGACTTTAAATTAATCATGCCAAGGTTTTGATACACTTGTCTTAAGATATTAAT  
 GAAACACTTCAAAACACTGATATGAAGTGTCCAGATTCTCAGATGTTTGTGCGTGAGTTTGTGTTAGTT  
 GTGTGTATTTTTTTTTTTCAGTGAATGTCTGGCAGATTGCAATCCTCAAACATGTGGTTATCTTTGTGTA  
 TTGGCATAATCAGTGACTTGTACATTGAGCAGTAGCATTTGAGCAAGTTTATCAGCAAGCAATATTTTC  
 AGTTAATAATTAAGGTTTCAAAAATCACATAAGAAATGGATTTAAACTTGTGATGTAAGATTTGAACCT  
 CAAGTCACTGTAGCTTTAGTAATTGCTTATTGTATTAGTTTAGATGCTAGCACTGCATGTGCTGTGCATA  
 TTCTGATTTTATTC

>GBEQ2605 |RC|Acc|BM781263|Ver|BM781263.1 GI:19129495|MLN1\_6\_E08.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:297

TTCCGGCACGAGCTGAGGTTTCAGAAGAGGAACTGAAAACTCTTCAGGACTAGTTCCTGACTTACCCGAA  
GGAATCACAGTGGCATATACAATTCCCAAAAAGCAAGAAGATTCTGTACCTGAGTTAACAGTGGAAAGATT  
CTGGTGAAAGCTTGGAGGACCTCATGGCCAAGATGAAAAATATGTAGATATAATGGACTGCCCTATATTT  
TATTTCTGTGTTTAAACCTATTCCCTTGAAATTTAAAAAATTTTAAACTGAAAACTTAGGGCAATA  
TCAGTTGATCTCGTGCC

>GBEQ2606 |RC|Acc|BM781260|Ver|BM781260.1 GI:19129492|MLN1\_6\_E03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:66:Stop:626  
TAAGAACAATTAATGCAGTTTTGCACAAATGTTTTACATTCTGATCATTAGTCCCTGTCATNGTAATCT  
NTGCTGTTAGGGAGAATGATGAAAAGAGAAATTTCTGTAACTTTTGTAACTGCTGTCAATTCTGTTTAAAT  
TGCAAACTGTTTATTTTCTGCTGAGACCATTGCAATTTGAACTGTGGCAGGGGGAGGGGTTATATTCA  
TGAGTCCCTTAATTTGTACAGAACACAAAACCTTATTTAAACAATTAGTCATTAAAAGATCTGTTGTGAT  
ATTTGTAGATATTTTTTTTTTAGTTTCAGACATGAACTCTGAAATGTGTAGCTTTCTTTTTTATCTTACC  
AGTATTTTCAAATCTAGTGGATTGATTTTTTCAACATCGTGCCTGCCAGTATGCCTACAAAATCCTCTATA  
AGTGTTCACATGAACCAATTATTTGTTTATAATTTTGAATATGCCTTTATTTCTCTTTCTGCCAAAAA  
GGAGGTGTTATTTTGACGATTAGGCTTAACGTATTGTGTTGTAGATTATCCTTCAATGAACATTTTAAAT  
T

>GBEQ2607 |RC|Acc|BM781256|Ver|BM781256.1 GI:19129488|MLN1\_6\_F03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:61:Stop:582  
TAGACTTCTAGTTCAAATACAGCACCTGCGGATACTCAAGGAGTTCTCCTATGCGGAGCTCACCTTCTAA  
ACGCAGTGGGGCAAGAAGGAGAGGTAGGTGGGTGCAACGTGTGGAAGCTGCAAGGAAGTAGGCCCTTTAT  
TCATTGATTTCTTTCCCCCAATAATGGATTTTAAATCTATATGTACCTGTTGATTTTTTTTTTCTGAA  
ACTTCATCTGAGCTGCTGTTTTCTTCCATGCAATATTGTATACTCGATTGTGTATAGAAGAAGCTGGTGA  
GAGTGCCCTCCTACATAAGCAATTGCAGTGTTTTTGCATGCAAAATTTAAAAAATTTAAATTTGCTGAT  
TCTATTTTGTAAATGGAGAAACAATCCTATCTTTCTAAGCAGTAATGGAAGAAGACTAGTGCTTTGTGCA  
TTTTGATATATTTGAGTTCATTTTTTCCACAATGTAATACTTTTGACACAATTGAGTTTCTCATATTATC  
CTGGTTCATGTACATCAGAATGCTAAATAATA

>GBEQ2608 |RC|Acc|BM781252|Ver|BM781252.1 GI:19129484|MLN1\_6\_F06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:38:Stop:648  
TATGATCATTCTATGGATAAATGATTCTGTGGATCTATCTATGGGTAAAGAGTGTTAGAAAATTTAATTT  
AATAGTAGAAATTCATTATGAATCATGTTAAAGCATGACATCCTTTTACAATAGCATTATTTTAAATAA  
ATTATAAACTCTAAGGTACGAAGTATTTAATAGAATAATCAGATATGCTGTTGATTCATGGCTATAATA  
AAGCAGGAGCAATTATAATATCTTCAATCAACTGAGCTGTCATAAAACCACTTTAGAATTTTCATGAGCAC  
TTTAAGTCTAAAATCTGAACTTCAAGCTTGCTATTAATAATTTAGAATGTTTACATTTTGTAAAGGT  
TTGCTGGATGCTCTGTTGACACTAATATTTTCAAAGAAATTTGGCCTGGAGAAAGGAAGGAAGAAAA  
GGTTTTCTTAGATAAATGCAAAAAAGTTAGTGTGGTATCTGTGAGTTATCATCCCAGCTGTGTTAAAAAA  
ATAAATTTTACTGTGGAAGAGATGGTATGGATGGTAAAATTTTAAACATTTAAATTTTTTTCATAACCT  
TTCATAATAAAGTTTAAATATAGCTTTATTAAGTGAATTTTATTAGTTTTC

>GBEQ2609 |RC|Acc|BM781244|Ver|BM781244.1 GI:19129476|MLN1\_6\_G07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:669  
AATTTTAGCAGCTCACTGACTGCCTGTAGCTCCAGCGACAGCTAGGATGTGTTTCTCCAGCCATCACGG  
GGCTGAGTCAAGCCCCGAGGCAGGACAGCAGATTGAGTCTGACATTCTGATTGCAATGACAGCGTTCCGG  
GAATCAGAATCCTGCTATTAGACTGGACAGCTTGTGGCAAGCTAATTTGCCTGTAACAAGCCAGATTTT  
TTTTATTGATATTGTAAATATTGTGTGTATATATATATTTGTACAGTTACCTAAGTTAATTTAAAGTT  
GTTTGTGCTATGTTTATGTTTTTAAATGCTTTGATATTTCAAATGTTAGCCTCAGTTCTGAACCCATAG  
GTAGGACGTAAAGCTTGTCTGATAATTCAAAGCATGAAATGGAGATCCTGCTCAGGTGGAGGGACAGTCC  
ATCAAAACAGAGTGTGTGGCTGAAGGTGAGGCAGAGTGTCTTGGAAAGTCTGATTGTAGGCTGGCAATA  
TGGGAGCCTCACTTTGAGTAAACAAATGGCCTTTATTAAAAAATGAGTGGCTCTATATAGCTGATCAGTT  
TTTCCACCTGGAAGCATTTGTTTCTATTTTACTACGACTGTTTTTTTGACAGTTTATTTGTTGAGAGTG  
TGACCAAAAGTTACGTGTTTGCACCTTTCTACTCGTGCC

>GBEQ2610 |RC|Acc|BM781240|Ver|BM781240.1 GI:19129472|MLN1\_6\_G10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:656  
CTTGTACCGATGCTGAGAGTATATAACAACACAGCTCGATATGTGGATCAAGGTGGAACAAGCGACCTG  
GGGCATNTGCTATTTACCTGGAGCCTTGGCATTTAGACATCTTTGAGTTCCCTCGATTTAAAGAAGAACAC  
AGGAAAGGAAGAGCAGCGTGGCAGGACCTTTTCTTTGCCCTTTGGATTCCGGATCTCTTCATGAAACGA  
GTGGAGTCTAATCAGGACTGGTCTTTGATGTGTCCAAATGAGTGTCTGGTCTGGATGAGGTTTGGGGAG  
AGGAGTTTGAGAAGCTATATGAAAGTTATGAGAAACAGGGTCGTGTCCGCAAAGTTGTAAAGGCTCAGCA  
GCTGTGGTATGCCATCATTGAGTCCCAGACAGAGACAGGTACCCCGTACATGCTCTACAAAGATTCTGT

AATCGGAAGAGTAACCAGCAGAACCTGGGAACGATCAAATGCAGCAATCTATGCACAGAAATAGTAGAAT  
 ATACCAGCAAAGATGAGGTTGCAGTCTGTAACCTGGCTTCCCTGGCCTTGAATATGTTTGTACATCAGA  
 ACACACATATGACTTTTCAGAGTTGGCTGAAGTCACCAAAGTCATTGTCCGAAACTTGAATAAAATTATT  
 TGATAAGCATGCCTCTGGCTCGT

>GBEQ2611 |RC|Acc|BM781236|Ver|BM781236.1 GI:19129468|MLN1\_6\_G11.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:658  
 CTTACTGATGTGAATTTTGCTAGTGAATGCAAATACATTGCTTCAAATAAGGTCATGTATGAATAAACTT  
 AAAAGAAAAGTCTTTTTTTTTTTTTTTTTTTTGCATATAATCAGTTCTAAAGTTCTTAAAAATAATTTTA  
 GGGGCTCCCTGAAATCTTATTCAATACTTTGCTAACTTATACCTTATTCTATCTCTAAAGGTACATTTT  
 AGGTTAGCCCATATTGAATTACCATATTTCCATAAGGAGAGCCTGAATTAATGTTTTTATTGTGAATTA  
 GCTTAGTTACTTTAGGCACCTGCTCCATTTTATTTTAAATTATTAAGTACCAAATTAATACTGGTTTGT  
 TGGTTGTTGCTTTTAAAGTGATTGTTACTTTAACAGTGTCCCATTTTAAACACGTGGGGTTACAAATAAAA  
 TAATATGCATAGTTTACTATCTATGTAAAGCACTGAACCTCTTACCGTAGTAGTTTATTTAATACCTA  
 TGTGAACATTCGGGGTGATCTCTTCCCTCTGTTTCTCATGTGAGTCTACTCATCTGGCCACCTGTG  
 AGCACCTGCACTTTGTTAAAGAGCACATTGTCAAAGTGTAGGAGAATAATAATCCCTCGGGAATCCGAGC  
 CAAATCCCAATTGGGTT

>GBEQ2612 |RC|Acc|BM781232|Ver|BM781232.1 GI:19129464|MLN1\_6\_H10.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:627  
 GAGCAACAGCCCTGGAGTCAGCAGGAAGCGGACCCGGTCCAGCCCCATGAGAAGAAGAAGCGGCGC  
 TCGCGGTCCCGGACCAAGGCCAAGGCGGGGTCTCAGTCGGCGTCCCCAAGCAAGCAAGCCACACGCAGGC  
 ACTCGGCCCACTCGGCCAGCATCTCTCCCGTGGAGAGTCGAGGCTCCAGCCAGGAGCGCTCCAGGGGGGT  
 TTCTCAGGAAAAAGACGGTCAGATCTCTTCAGCGATTGTTCTTCTGTGCAGAGCAAAATAACTCAGGAC  
 CTCATGGCCAAAGTAAGAGCGATGCTCGCAGCTTCCAAAAACATGCAGACCAGTGCCTCCTGAGGCACAG  
 GCGGCTGGGCGGGACGGCCCGTGGCGCTGACTGTGGGCGACAGTGGGCGCTGCTCCCTGGTGGCTGCGGT  
 TACAGAAGCCGGAAGGGCTGCGAAGCCCCCTTCTGCACAGACCCATCACAGAACTGTCCAGATTCTCC  
 CCTGGGGACTCCCTTGGACAGTTGGTGGTTTTTGTAAATTAATTTTTTGATGACATTCTCAGTTTAAAGATT  
 TTTGACCAGCAGTCTCTTACCTGTATATTTGTAAATAATATCATGTTTCTGTGAAAATGCTCGTGCC  
 >GBEQ2613 |RC|Acc|BM781226|Ver|BM781226.1 GI:19129458|MLN1\_5\_F10.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:581  
 AGCACCAGGACTGGCTGTCTGGAAGGAGTTCAAGTGTAGCGTCACCAGCAAAGCCCTCCAGCCNCCGT  
 CGAGAGGACCACCTCCAAGGCCAAGGGCAGCTCCGGGTGCCGAGGTGTACGTCTTGCCCCACACCCA  
 GACGAGCTGGCCAGCAAGAACACGGTCAGCGTGACCTGCCTGGTCAAGGACTTCTACCCACCTGAAATCGATG  
 TCGAGTGGCAGAGCAATGAGCATCCAGAGCCAGAGGGCAAGTACAGCACCACCCAGCCAGCTGAACAG  
 CGACGGGTCTTCTTCTGTACAGCAAGCTCTCCGTGGAGACAAGCAGGTGGAAGCAGGGAGAGTCAATTC  
 ACGTGTGGGGTGATGCACGAGGCTGTAGAAAATCACTACACACAGAAGAACGTCTCCCACTCTCCGGTA  
 AATGAGCCACGCCCCGGCACCCGGCGAGCCGCTCCCTCCTCCCCGCGGCTCTCAGGGTCCAGCGAGGA  
 CACCTGAGCCCCCACCCTGTGTACATACCTCCTGGGCACCCAGCATGAAATAAAGCACCAGCATGGCC  
 CTGGGACCCTGCGCTCGTGCC

>GBEQ2614 |RC|Acc|BM781224|Ver|BM781224.1 GI:19129456|MLN1\_5\_F08.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:35:Stop:634  
 GGCCCTGAATGAAGCCTTGAAGCTCTTCAAGACGATTCCCTCAGACGTCTGCCATGCTCTTCACAGTG  
 GATAATGAAGCTGGCAAAATCACGTGCTTGTGTCAAGTCCCCCAGAATGCAGCCAACCGGGGCTGAAAG  
 CCAGCGAGTGGGTGCAGCAGGTGTGAGGCTGATGGATGGCAAGGGTGGTGGCAAAGATGTGTCTGCTCA  
 GGCCACAGGCAAGAACGTGGGCTGCCGTGCAGGAGGCGCTGCAGCTGGCTACTTCTTTTGGCCAGCTCCGC  
 CTGGGAGATGTGAAGAACTGAGGGCAGGGATGGCTTCCACTGGGAAGCGTTTCCCCACCACCTGGATACA  
 TCCGTCCAGCCAGGAGCTCTCCATCCACCACAAGGACGTTTGACTCTTGGGATCTTTACAGCACCATCTG  
 TTCTTCTAACCCAGCAGTAACAGGAACCTTACCTAGGAGCCAGCTGTGACTCAATGCCACATTACATTT  
 CTGCCCTGAGCCCTCCATGGCAGCGCCATCTGTCTAGAACCCTACTCCAGGATTGCTATTTATCATTTG  
 CATGCTTGTGTCTATAGTTTTCTGCAGACCTAAGGCTCTG

>GBEQ2615 |RC|Acc|BM781221|Ver|BM781221.1 GI:19129453|MLN1\_5\_F05.g1\_A005 Mesenteric lymph  
 node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:15:Stop:614  
 CTTGGTTTGAATATAAAGGTAGACAGCTGATATGTTTTATGAGTAAATATTGTAGCCAGAAAACAGT  
 TGGTGTGAGGTAATACGTATTTTTTTTAAAGCTTTGTTTTATATTTATTTTATTTAGTTTTTATTGGGA  
 ATGGTTTTCAATAGAACCTTATTTCTGCATAGGTGTTTTTTGGGGGAGCCCTCTTTTCCATAGTGTAAT  
 TCCATTTAAGAGGTTGTCTAAAAGTCTTTTTTAATTCATAGGAAGATTTAATATCTGAGAATAGTCAAAAT  
 TAAGGATAAAAACCTTCCATTCCTTCTGTTTATGACAGATAAAGCACAGAAAAGACAACCCGTGAAATC  
 ATGTAATAATGTGTTGGTCATTTCAATTTTTTTGTACCTATTTTAAATCTGTTAGTGTATTTACTTCATT

GTAAATATTTTTGAGGGTACCTTTGTGTTTTGCTTTTGACCTTGGTCTGTGATTTGGATGTCAACAACT  
TCCCTAAAAAGCACCGCTATGTTAAGTTCTAATGTTGTGATCCCAATATGGGTTATTCATCTTTAATCCT  
GTTTTTCAGTCTCTATGTGTACAGCAGTATTTTTAATAAAG  
>GBEQ2616 |RC|Acc|BM781219|Ver|BM781219.1 GI:19129451|MLN1\_5\_G07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:61:Stop:665  
TCAGATAATATAAAAAATACTTCTCCCCCAAATAATTTGAAGTAGCAACATTGTTATTTTTATTGGGTA  
ATTACTTCTCAACTGTATGTTTCATATGTTTCACACTCAGTATTGAATCTCTCACTGGCCTGATGGGGTATG  
CATCCTTAAGAATATAATTTCTAGCATTAAAAAAATAGACAAGGGCAGAAAATAAACTCAAAGAGTAA  
AAATCAGGAGAGAGAATTAAATTTTGCCTTTTCTTTTGTCTATGCCTTGGAGAGCCAGAGCTTTTGCCT  
TTCCATACTATTTTCTTTTAAATAAATATCAGTGTGCAGAGAAAATTTATATGTAAACGTAAGTCAATTA  
TATGTTTTTCATTAGAAAAATAAATTGGAAAACATGTTTTGGAAATATTTATAAAAAATCATTAAAAATG  
GGTCTCTAATATTTTATCAACCAGTTAGCCAAAAGTGACATAATTAATGCATAATTAATAATATATATTT  
TGACATAGAGATTTGGTAGCAGATGGTAAAGATTTTCTTTTAAATGGGTAAAATTTTTTTTTGTAAATCA  
GGATAGTGTAAAGAAATTACCATTTGGAATCATCTGTGTGTAACT  
>GBEQ2617 |RC|Acc|BM781216|Ver|BM781216.1 GI:19129448|MLN1\_5\_G03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:25:Stop:538  
AGTGGTTTGTGTTGCTGGGCCCCGATATCTATCCCAAGTGGTGGGATGGGAGCAAGTTAACTCTGGTTTCA  
GGTCAAGAGTGGGGGTTCTTTGCTTAGACTCCTTATCAGGAAGGATTGGAGTTCTCTATACAGGGTCTT  
GGGGAGAGGACGACTGATTCTGAGAAGACCCTGATCGGAGAGATTAGGATTAGATTTTGACCTGGGATT  
TGGAGTCCATCTAAACGTTGAAGTTCCTTGAGACAGATCAGCTCTCCAGCTGCCAAGCCTTTGCCGGGGC  
TGAGCAGCCCTAGAGAGAGGCTCTGCTCCCTTTCCCTCCCAATGTTGGTATTGTTGCTGCCTTTT  
TGATTTGTATCCTCTGTTATTGACTTTTTTTTTTTTTTTTAAAGATTCCTTCTTTCATTGTGCACAAGTGC  
TGAGAGCCTGAGGCCCCATTCTGCTGTATATATCTGACTCGGGGCTTTTATTACGCAAACTATTCA  
TTCTTCTGTCTAGACAATGTCATAT  
>GBEQ2618 |RC|Acc|BM781207|Ver|BM781207.1 GI:19129439|MLN1\_5\_H05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:503  
GCACGAGGATTCTCCTCTAATTTGTCTTTGTTGTTAAGAAACGGTGCAGGAAACATGTGCCTTCTGGAA  
ACAAGTAGAAGCAAATTGCCTGGCACGCGTTGTCTTGTCTGTTTATGTGCCCATGTCCCTGCAAACCACT  
TGCTTCATTGCAGCCAGTAATTCAGCTTCTTACAGGTAACATAGACATTCCGTTCTTAGTTAGATGATT  
TCGCCCCCTTCTTACTCGTGCTTCTCTAGTACCTGAAGTGTGTTGTTACTATAACAAGAGAAGGAAAATCT  
CATTTATCTTTATACACCCCTTTGACAGTCCGTTTTTGTAGTTGGGATATAAATACTTGAGGGGAGAGGCG  
TATCTTAAGAGTATAAAAACAGTACGGGCTGCTTTAGAAGATCACCAGGTCTGCATTAAGATGTGAAGCC  
CCTCCCTAATGGTAGTGGGGTATGAGTGTGTTTGGACGTTTTATAAAAATGTATAATAAAGTAATAAAC  
CATGCTAAAAAAA  
>GBEQ2619 |RC|Acc|BM781203|Ver|BM781203.1 GI:19129435|MLN1\_5\_H09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:59:Stop:547  
TTCTCTGAAGATAAGGAGACCATGGAAAAAGCCGTAGAGGAAAAGATTGAATGGCTGGAAAGTCAACCAG  
GATGCTGACATTGAAGATTTCAAAGCTAAAAAGAAGGAAGTGAAGAAATGTTTCAGCCAATTATCAGCA  
AACTCTATGGAAGTGCAGGCCCTCTCCAACCTGGTGTGAGGAAGCAGCAGACAAAGATGAGTTGTAGGC  
ACTGTTCTGCTAGTGTCTGTAATATTGTAAATACTGGACTCAGGAACCTTTCGTTAGGAGAAAATTGAGAGA  
ACTTAAGGCTCGAATGTAATTTGAATCTTACCTTGGAGTGGAGTTGAAAATGCTATAGCCCAAGTGGCT  
GTTTACTGCTTTTATTAGCAGTTGCTCACATGTCTCGGGGTTGGGGGAGAGAGGAATTGGCTATCTT  
AAAAAGTGGGTAATAATGTGTTAGGGCGTGTGTTACCTTGAAGATGTTCTATTTAACAATTGGGTCA  
>GBEQ2620 |RC|Acc|BM781201|Ver|BM781201.1 GI:19129433|MLN1\_5\_H07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:628  
CTCCTGTGTGCGTTGCTTCTGTAAATGCAGGCGCGTTTGTGCTGTTTCCAAACAGTTGTGCCGTCCAC  
TCTCCTCCAGATAAGAGTCTCCTCTCGCTTGTCTGGCCTCGCAGGTTGTGGACAACCTGGAGATTTC  
TGACTCAGGAATCCAGAACTAGGTCTACCTTAACCATTTACGCAGTCAGGGCAGGGATGTTTATATCTTT  
CTTAAGGGCTGTTGCAACCTACGAACCTGGAAAAAGTATTTTCTAATCCAACACGAAAATCCTTGACAC  
CTCCTTTTTCTGAATAGCGTTTCAGAGTGTGTTGAATGTCCACCGGAAGGCAGGCACCAAGTGCCTGGGGCA  
TGAGGTGACAGCTTTGCTCTAGTAAATAGTGTGCTGCTTCCATCAAGCACTTAGTAGAGACTTGTCCA  
GGGAAAGAAAACAAGTTTCCGGTGGGTGTGTTTTTTGGCACAGAAATCGCCCATCCGCTCCGCCCTTC  
CAGCCACCCAGTTTGTAGGGTTCGACAAATGTTCCCTTTCCTTGGTTTTCTTCTGAGCAGATGGCTGT  
GCTGTGGGAACAGCAGCAGTGGGGTGCCTAGCAGTGCCTGGCACAAAGTAGGTGCTTACTC  
>GBEQ2621 |RC|Acc|BM781197|Ver|BM781197.1 GI:19129429|MLN1\_5\_A02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:547  
ATCAGTTTCATTAAAGTCCAAAGATAGCAAGTCTTTAGGTTATTTTGTACCAATTAATTAGAAGACAA



AAAATTGTTCTTTCATAGTTGTTACAAAAGATAAATAGTGGAGAGATTTGGTGCAAAAACAACAAAATACAA  
AAAAAATTTGTGTATATATAGCATATTAGCTATATATATAGCTAATTAAATTACCTGAGGAGTGTATGCT  
TGTTTATTTTTTGTGTATATCTTTTCAATCTATTTTATATATGTTTGACAAAAGAGACTGTGAAATATTTA  
GCCATGCAGAATATATGACCAGACCAGAGCATGTGTAGGAAGGCATTTTGGTAATCATTAACCTCTACCCCT  
GAAATGATTGACTACAAGTTATGATGTGTGTTATCTACACTTCAACCAGTAATATAGCAAATCTCCAAA  
TGTTAGCCACATTGGTTTGTCTCTTGTACATTCTTTATTCATGATATTACAGTGCTGTAACCTGGGTGG  
TCCTTTTTTAAACAAAACATTATTTGCAAAAACAGAGGGTATTTTTTTTAACTCGTGC  
>GBEQ2622 |RC|Acc|BM781193|Ver|BM781193.1 GI:19129425|MLN1\_5\_B01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:556  
AGAATTTGTGGCTTTAAGTACTAACACATTTGATTTAATGTGTATTGGAATCATCCTTTCTAAATTCAGT  
ATTAGAATTCCTTAGCTAATGATTTCTTTTAAAGAAATGGATTTATTTAAAGGCAAGGTGGCATGGGCTG  
GGGGTAATATACATCATCAGCCCTCCATTCAGTGTGACTCCTAAGATGTGCAGGGTAGGGCAGTTTAGAG  
TGAGTGCCTTGATGCCTGATATGGCTGCATTGCGGTACCTCAGTGAGGAAATGGAAGATACTGACATACA  
GTCAGGATGAGGCTGTTCTGAGAACTTTTGCAACAGTGAATTTAGCATGTGGTTGGTTCTGGTTTTAT  
TTTAAGGTAAACATTTAAACAAATTACAAGTTAACAGCTCATACAACCTCAGATTTAGTATTGAGTATCGT  
AAAACATATTATGTTCTAGTTTAAAAAGACCCAACTATGATTTATATAATTTATTGGCATTTTTGCCT  
GAATAGGTTTAAAGTCAGATAGTAGATTTTAAAAAGCAAATGAAGCAATGTGTCAAATTTAA  
>GBEQ2623 |RC|Acc|BM781189|Ver|BM781189.1 GI:19129421|MLN1\_5\_A09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:365  
GCACGAGCAGGTGTTTCGAGAAATCCCCGCTGCGGGTGAAGAACTTTGGCATCTGGCTGCGCTATGACTCC  
CGCAGCGGCACCCACAACATGTACCGCGAGTACCGGGACCTGACCACCGCAGGCGCCGTCACCCAGTGCCT  
ACCGAGACATGGGCGCCCGGCACCGCGCCCGGGCCCACTCCATCCAGGTGATGAAAGTGGAGGAGATCGC  
AGCCAGCAAATGCGCGCGACAGCCGTCAGCAGTTCCACGACTCCAAGATCAAGTTCCCGCTGCCCCAC  
CGGGTCTGCGTGCAGCACAAGCCCGCTTACCACCAAGAGGCCCAACACCTTTTTCTAGTTGGGTC  
TCCTCGGCTCGTGCC  
>GBEQ2624 |RC|Acc|BM781181|Ver|BM781181.1 GI:19129413|MLN1\_5\_B12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:13:Stop:625  
TGTTACCTTTTAAACAGACTTTTTTAAAAATTAGAAATGTATGTACAGGTTTTGAAACTTTTTTAAAAAGAG  
GAAAAAGACTGTTAAGAGGAGGCTATTTGCTGACATATAACACTTGAATATTTTATGCCTCATCCTGTT  
TGTCAGTTCTAGCGATCTGTATAAATGCATTTTAGAACTGATGGACAGTAAACTTGAATTTATCTTTGAT  
AAGAATACATGCCACTGTACATTAGATGTTATTTAAATTTTACACACACTGTTCTATATGTAAGGTAC  
TGATGTAAACTCTTTATTAATGATTTCCACATATCCTAAATTTTACGCTTGCCTCTTTGCGGCCCTTA  
TATTTTGATGTAAAGATGATTAAAGATTGTGCAAAACAGTCATTAGAGATTTTTTATGCTTTTTTGAGAT  
TCTCCAACCTTGACAAATGTGCCAAAGATCAGCAGACATAAAATACAGTCTGTATATTACTTGTAAATA  
CATTAACTTTGTCAGCATCTTACTGAGAAATGAAAAGCTTTAGTAGAGGTGATATTATGGGGTAGTTGC  
TTAAATTTGCATATTAAGTTAAAAAATGGTGCCTATATTCCATGTGTGGAGT  
>GBEQ2625 |RC|Acc|BM781168|Ver|BM781168.1 GI:19129400|MLN1\_5\_C10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:641  
GGGAGGGTTGTGTGGGTGCTGAGGGACAATCATGATTTTCTAGGGCCCTGCAGAAATTGGGTCTTGGGCT  
GGTCAGCATCTGACAGTTATGGATAATGCCAGCCTTTCCAGTCAATGTGGCCATGGAATCCCAAGTGTCT  
TGTTGCTTTCTGGCAGGATTTTTGTGTGACTTGTTTTTTTTTAAATGGAACTTTCTGGGCTGCAGTAAA  
CTTTCTGAAGCCTCAGCGTTGTGTTTGTATTAGCCATAAGGAGGGTCTCCAAGTAAATACTTGTTCCT  
GCTTGCTCCTTCTTCTGTGATCGTTCCGGCTTCTTGTCAAGTTGCCAAGCTTGAAGTTGTCTGTCTATGC  
AGTAGAGTCTCATGGTTATAGCTAGAAGAGCAGGAATCTCCTGATGTTGCTTAAGAGCTTGAGGAGAAAG  
TCTTTTTTCTGCTGCCTAGGTAAGCAGTCTGGGGAGAGCATGGGCATCATTCTGTGTTTGTGGGTATC  
CTGGTCTGTTAAGATTGGGACTTAGGTAAGATTCTGTTGGGACATCCTTAATGTTTATTAGCTTCTAA  
CTAGTGTGTAAGCCCAATGCCAGAATTTGGAGATCTCAGTTCTTCTGTTTATGGCTTTTTATTCACTGT  
GACCTCGTG  
>GBEQ2626 |RC|Acc|BM781166|Ver|BM781166.1 GI:19129398|MLN1\_5\_D04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:517  
AACAAAGCAGAAAGTAGATGACGACAGAAACATGAGATAGAAGCTGCTATAGTGCGGATAATGAAATCT  
AGAAAGAAAGATGCAGCACACGTGTTAGTAGCAGAGGTAACCTCAACAGTTGAAGGCTCGATTCTTACCAA  
GTCCAGTTGTTATTAAGAAACGTATTGAAGGACTTATTGAGAGAGATATTTGGCACGAACACCTGAGGA  
TCGCAAAAGTATACATATGTAGCATAAATGCGCTCAGAAATTTGATTTATTCTTGGACTGTACTCTTC  
GCATGGACTGGGAAGTTCTTTTAAATCATTCAATATAAGACGACCATCTCTCTATTAAATTACAGTAC  
ATGTTCTAGACCATTAGATCCAGCCTTTACTCCCTTTGAGAGTTTTTACCACATCAGTTGATTGAGCTTCA  
GGCTTTACAACGTTTAAACCTGTAGAGATCATCTTTACAGCTCCTCGGAAAAATGTGAATGTGCCGCGTT

TTGTTTTCAATACTGTATGAAAA  
>GBEQ2627 |RC|Acc|BM781165|Ver|BM781165.1 GI:19129397|MLN1\_5\_D11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:617  
TCAGCCTTCAGTGTACCTGTGTCAATCTTATATTTCTTCTTTTAAATGTGAATTATACTGGTATATCCA  
ACTGGGAGCACTTTGTAGGCACTGCATCAGCCATGGAATGATGATTCTGTGGAAGTATTGCCCTGTGAAT  
TTGCTGCTATNTTAGTTTTGTCTTTGCTGTAAAATTGTAGCATTAACAATCATCGTTGTTAATAGGCTT  
TCTTTTGAAAACAATTATGTGAAATATGTTGCTGCTCTTGATGAAAAGCAGCTATCTGCCCTTTTTTCT  
TTGAACTTTGAAGCTAGTGCATTGGAGAAATGCACCCTTTTTTCCCTTTGGAATGCTGTATTAATGTAGT  
ATAATTATTACCGGTTTTGTAAATTTTTCTGATAATGCCCTTCCCTGACTCTTTTTTAAATGTTTCCTC  
CCTCTGCCCAAGTTTTGTACTTGATTGTATTATTAGTCTGTTTTTAAATGTTTTGCCTGGTTCTCTTCA  
ACATCTGTGTATATAAACTAATCTTGGTGTTACTGTACATAGCTGTTGAAATGCCAGAATGACTTCTGA  
CTATTCCAAGCTTTTCAAAAATACATTTTATCTGTGATTAGCCATTGCTCG  
>GBEQ2628 |RC|Acc|BM781164|Ver|BM781164.1 GI:19129396|MLN1\_5\_D10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:619  
GCACGAGCCCAAAATGTTACAAATTAACAGACAAAACAGTCATTGGATGCAGCGGTTCCATGGAGACTGT  
CTTACCCTGACAAAGATTATTGAAGCAAGACTAAAGATGTATAAGCATTCCAATAACAAGGCCATGACTA  
CGGGGGCGATTGCTGCGATGCTGTCTACAATCCTCTATTCAAGGCGCTTCTTCCCTACTACGTTTACAA  
CATCATCGGGGGCACTTGATGAAGAAGGGAAGGGAGCCGTGTACAGCTTTGACCCAGTGGGCTCCTACCAG  
CGAGACTCTTCAAGGCTGGAGGCTCAGCCAGCGCCATGCTGCAGCCCTGCTTGACAACCAGGTTGGCT  
TTAAGAACATGCAGAATGTGGAGCACGTCCCGCTGTCTTGGACAGAGCCATGGGCTCGTGAAAGACGT  
CTTTATCTCTGCTGCCGAGAGGGACGTGTACACTGGGGACGCACCTCAGGATCTGCATCGTGACCAAGGAG  
GGCATCAGGGAGGAGACCGTTCCCTGAGGAAGGATTGATCCATGTGCTGTAGCTTAATCGGTTCAAA  
ACTGGTTAACTTTGCTCTTTGGAAGTGTCTCACTCACTCGTTTTATTAAAACTCGTGCC  
>GBEQ2629 |RC|Acc|BM781158|Ver|BM781158.1 GI:19129390|MLN1\_5\_D12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:658  
TATTATTCCATCAGCAACAAGAAATAAAGGAAGTTCAGCGAAATGAAGCTCTCCAAGTCCAGAAAGACCT  
AGATTATTTGACTCTCAGGGATGTGTCTCTCTCTATGAAGTTCGAGAAAAGCTACAGTTCACTCGCCCCA  
CTGACGATTGGGGCTGCGAGTCTGATTCCAGGAGTGACACCTGCTGCTCTCATCAATCTGCTCAGATTG  
TGAAGACCACTCAGCAAAAACAGGCAGCTGTGAATGAATTGTCCAGAACTGATCAGTGCTTATGTGATAC  
AGACAAACTTGAAGAGAGACAGTAATAGCTTTCTATTATAGAAAGCTTTTAGTCAATACAAGAGTATAG  
ATAGGAGATAAGTATTTATTTAGCACCCATTAAAAATAACCTTATTAGGTTACTGTGGGTTGTCTATGA  
ATTTATGAAGAGGACAGAGATTATAATTGTGCTTTTTTGTGTATCTGAAAAAATAGTTATAAACTCTTAC  
TTCATACTCTTTCTCAGGTGCTCTAATACAGCGAGCCTATTTATATGACTTTGTAAAGTGTTCATCAAAG  
AGAGATATAGTGGCCGTAAAACTAAACCTGAAAAAATAATCTCAGCTTGCAGATTTGCCTGTTCAATAG  
GACTTTGTCCACTAAATGTACT  
>GBEQ2630 |RC|Acc|BM781157|Ver|BM781157.1 GI:19129389|MLN1\_5\_E06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:50:Stop:652  
GATGAGCCAACGACAAATCTTGACCGAGAAAACATTGAATCTCTTGACATGCTCTGGTTGAGATAATAA  
AAAGTCGCTCACAACAGCGCAACTTCCAGCTTCTGGTAATCACTCATGATGAAGATTTCTGGAGCTCTT  
AGGGCGTTCTGAATATGTGGAGAAATCTACAGGATTAAGAAGAACATTGATCAGTGCTCAGAGATTGTA  
AAATGCAGTGTTAGCTCCCTGGGATCTTATGTTCAATAAAAATATTCAAGATTTAAATGCCTTACAAACA  
TAGGTCTTCAAGCACTGCTTATTTCTGGTGTCAACTGAGTCAATAAGAAAATAGATTTTTTTTGGAGGAG  
GAGGAGATTAGCCCTGAGCTAACATCTGCTGCCACTCCTCTTTTTTCTTTTTTCTTTTTGCTGAGG  
AAGACTGGCCCTGAGCTGACATCATGCCATATTCCTCTACTTTATATGTGGGATACCTACCACAACACG  
GCTGGACAAGTGGTGATAGGTCCGACCTGGGATCCGAACCGCAAACCCAGGCTGCTGAGGTGGAAT  
ATGTGAACCTAACCACTGTGCCACTGGGCCAGCCCCAAAAATA  
>GBEQ2631 |RC|Acc|BM781145|Ver|BM781145.1 GI:19129377|MLN1\_4\_A06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:26:Stop:622  
CCCTTGAGTGGGAACGACCTGTCTGCTGAGGAACCAAGCTTGAACCCAGCGGCTGCTACAGCGTGTCCA  
GCGTGCTGCCAGGCTGCGCCGAGCCGTGGAGCAAAAAGGAGACCTTCTCTGCAACGCCAGCCACCTGA  
GCTCAAGAGATCACAAACTGTCTCATCACAAACCCAGAGAACCCTTGTTCCAGCCCCAGGTCCACGTG  
CTGCCGCGCGCGTGGAGGAGCTGGCCCTCAACAGAGCTGGTGACGCTCAGTGCTGCTGGTGGCGGGCTTCA  
GCCCTAAGGAGGTGTTGGTGTCTGGCTGCAAGGGCACGAGAAGCTGCCCCGCGAGAAGTACCTGGTCTT  
TAAGCCCCTGCGGGAGCCCGGCCAGAGCGTGCCCACTTTGCGGTGACCAGCCTGCTGCGCGTGGAGGCT  
GAGGCTGGAAGAGGGAGACGTCTTCTCTGATGGTGGGCCACGAGGCTCTGTCCCTGAGCTTCAACC  
AGAAGTCTATCGACCGCTGTGCGGTAACCCACCTATGTCAACGTGTCCGTGGTCAATGGCGGAGGCGGA  
CGGCACCTGCTACTGAGCTGCCCCCGCTGCCCTTG



>GBEQ2632 |RC|Acc|BM781143|Ver|BM781143.1 GI:19129375|MLN1\_4\_A04.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:499  
GCACGAGTTAAAAAATCTTTTCTTTCTTAAGTGTGGTGTCTTTTATCTTGAATTAGTAGTTGTATGA  
AGTCCTAAATAATAGTACACTTACCATAGATCTTAGGTATTAGGAAGAACTTAAATTTCTTTAAATCAT  
TTAACCAGATTTTTTACGTTTAATTATGCATTTTCTAGAGAAGGGGTACTAAAGAATAATCACATATAT  
GCATACGTAAAAATGGACCACAGTGAAGTATTGTTAGTTGTTAGTTGCCCTGCTACTTAGTTTGTAGAG  
CAATTTGAGCACACATTTTAAATTTTCTCTAATTTAAATGTGCGGCATTTTCAGTGTATTTAACTATT  
TAGAGTATGATTTCCACCTTGATGTTTTAATAACCTTGGCATCTGCTGTAATAATATTTTAGAAATGTT  
TGGAAATTTAAGAAATAACTTGTGTTACTAATTTGTATAACCCATATCTGTGCAATGGAATATAAATGCCA  
CCTCGTGCC

>GBEQ2633 |RC|Acc|BM781142|Ver|BM781142.1 GI:19129374|MLN1\_4\_A03.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:557  
TGATAAAATGCATTCTCTTGAAGTAAATACATTGTCAAAACCTATTTGCAATTCTATTAAATCTAAGTAA  
TTGTTAGTGTTCACCATGATCTTTAGGTTGTGAAAGGCCATTGCTTTCACTGATTCTACCATATACGAG  
AAGCACATAAAGCAGAGTGAATACTGAGTGTGCTGGGGCGCTGGTGACCCGTGCCTGGTGGGAGAGCTC  
TCTGTAGAAGTGTGCTCGTTACATGCTGTGTTTTATGACGTAATAGAAAGGAACCTTCTGAAAGTACAA  
CTTTCATGAAAAAATAAGCTGTAAAAAAGGAAATTTGTAGATTAAATTAATTGGGAAAATGGGCGATT  
GACAGAGACCGGTTCCCTAACACACTACATCGTTTTATGTGCTCAGACTTTAACTTGTAATAAACTTTCTTC  
TCCATTTTGTAAATATGACCTACATGTGTTTTATTTTAACTTAGCTGTGTATGGAAGTACGCAGCCAA  
GTCGATCAGATCAAACCATTTTGCCTGGAGTTTGGTACTGTTTTACTTCTCTGATTCTCTCGTGCC  
>GBEQ2634 |RC|Acc|BM781139|Ver|BM781139.1 GI:19129371|MLN1\_4\_A08.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:671  
GAATGAAGAACTGTTGCCTAATTTGGGAAGTGCCAGCATTCAGACTTCAAAAAATAAATCTGAAGAGGCT  
TCTCCTGTTTTATATATTATGTGAAGAATTTAGATCTTATATTGGTTTGCACAATTTCCCTGGAGAAAA  
AATTACTCTGTGTATATCTCTGGAAAAATAAGACAATAGTATTTCTCCTTTGCAATAGCAGTTATAACAG  
ATGTGAAAAATAAATACTTGACTCTAATATGATTATACAAAAGAGCATGGATGCATTTCAAATGTTAGA  
TATTGCTACTATAATCAAATGATTTTCATATTGACCTTTTATCATGATTCCCTCCCTGTCAAGCACTAAAA  
AGTGAACCATTTATCTTTATATCTGTAATGATATAGATTATGAAATTTCCCTCAAACCTCATTGCAGCA  
GATAACTTTTTTGAGTCATTGACTTCATTTTATATTTAAAAAATTATGAAATATCATTCTGTCTATTATAT  
TCTAATTTAAATTTGTTTGTGCATAATGCTTTGGAAAAATGGGTCTTTTATAGGAAAAAACTGGGATAAC  
TGATTTCTATGGCTTTTCAAAGCTAAATATATAATACTAAACCAACTCTAATATTGCTTCTGTGTTT  
TACTGTCAGATTAAATTACAGCTTTTATGG  
>GBEQ2635 |RC|Acc|BM781131|Ver|BM781131.1 GI:19129363|MLN1\_4\_B07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:604  
CTGCAGTGCAGTGGCTGCGCTAGGCCACAGCTCCAAAGCACCCTGATTTGTAGGTCTGGTAGAAATTGC  
ATTCTGTTGACGGGAGATTTGTTTGTCAAGGTGTACAGCAGCAGCCTTTTATCTGGGAGCCCCTGTGTCA  
TTCAAATGTGTATCTCTGCAGTTGTGCAAAGTGTGAGATTCTACTATCTGTGGGTTGTGCTTGCCAGACA  
GATCTTAAATTTGTACTTTTGGAAAAAGTTTATATAATTTCTTGGAGATTATTGTGAAAGGATCAAGAA  
ATCAGGATAGCCATTTCTTTAATATCCACTTAAATATCTGTTCTTTTCATGTTAGTGGGACCGTTAACTTG  
TCACCAAGCAGGAGTCTATTTAAACAAAATTTAAACTGTTGTGGCCTATATGTGTTTAACTCCTGGTTA  
AAGATAAAGCTTCTAATGCTGTTTTTATTCAACACATTAACAGCTGTAAACATAGACCTTTATCACAG  
CAGGCAAAGAATTTCAGGATTATATACAGATAGACTATAAAGTCATGTAATTTGAAAAGCAGTGTTCAT  
TTATGAAAGAGCTCTCAACTTGCTTTGTAAGCTAATCTCGTGCC  
>GBEQ2636 |RC|Acc|BM781127|Ver|BM781127.1 GI:19129359|MLN1\_4\_C07.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:63:Stop:666  
AGCAGCTGGCCGCGGCCAAGGAGGACTACGTGCTGGTGGCTGGCCACTACCCAATATGGTCCATCGCGGA  
GCACGGGCCCCACCACTCGTCAAGCAGCTGCTGCCACTGCTGGCCATGCACAAGGTACCCGCTAC  
CTGTGTGGCCACGACCACAACCTGCAGTACCTTCAAGACGAGAACGGCATAGGCTTTGTGCTAAGCGGCG  
CTGGGAACCTTCATGGACCCCTCGACGAAGCAGCAGCAAGGTCCCCAATGGCTACCTGCGCTTCCACCA  
CGGACCAACACCTCCATGGGTGGCTTTGCCTACGTGGAGATCAGCCCCAAGAGATGACCGTCACTTAC  
ATCGAAGCTTCGGGCAAGTCCCTGTTCAAGACCAAGCTGCCAGGAGCAAGGCATGCACACCCACGAA  
GGCTCCATCCTGCAGCCTGAGCCGGAGGGGCTCCCTGCCAGCGGGTGGGAGGCTTTCTCAGGGGCCAC  
GTGGCCCTTGTGGCAAGGATGCCACGGATGTGAAAGCAGCATGGACACCGGCCAGAGTGCCATGCCCTG  
TGGCCAGCTCGCCAGGCTGACATCTGGGCAATGGGGGGCAGG  
>GBEQ2637 |RC|Acc|BM781126|Ver|BM781126.1 GI:19129358|MLN1\_4\_C06.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:24:Stop:584  
TAGTGAACCTGATTTTATTAACTGCTTTTGGCCATATAAAATGCTGATATTTACAGGAAACCTGGCCATC

>GBEQ2642 |RC|Acc|BM781094|Ver|BM781094.1 GI:19129326|MLN1\_4\_F09.g1\_A005 Mesenteric lymph node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:660  
TGCTACAACAGCAACGTGTTACGAGTTCATCAGGTGCTCTGCATCCCCAGCTGGATGGCAAAGTTCTTTTT  
CTTGGACACTTTGAGCCCATCTTCGCATCTTCAGAACCGGCCACCGAAGCCAGAATTGGGATGGGGGCCAC  
AGTAGACATTCAGAGACAGCAAGAAGATGGAGCTGCTTGATCGGCAGCTGATGCTCTCTCAGTTTGCACAA  
GCGAGGCGACAAAGACAGCAGCAGGAGGAATGATCAATTGGAATCGTCTTTTCCCTCCTTTACGTACAGC  
GACGAAATATAAACTATCAAGATGGTGGCGGCTGAACAACACAGCATCCCGCCTCTAGAGGTTTCTGA

1004

GTAAAGACCTAACCTTTGAAATAAATTTCCAGTGATTTTCTAGAAAGAGGACTTCAGTTAGGGAAA  
TATTTCTCAGCTGATTAGCTTGGTGCTTGTGAGCCACAGACGCTGTTTTCAGAATTGCTTCTCTCATCCT  
GTGTCTCAGTACAGACGTACTTATTTATTATACTGTGCAAAATGGTTGTCTTCGGTTAAATTTAATGGGTC  
CTGTCTGTGCTACTGAGAATGTGAATGTGATTTTCTTTTGAAGGCTGTCTTACTGCACGGACTCACCCAC  
CCTGGGTCATATCATCGCTGTGATTGGTGACAGAAGGTCTGGTTACTGAAATAAATGACCTGTTCTCGC  
CTCGTGC

>GBEQ2648 |RC|Acc|BM781069|Ver|BM781069.1 GI:19129301|MLN1\_3\_F01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:643  
CCTGCAATGAAAGCCCTCATACCCAGCAGAAATCCGGTTTCATCCACAAAGGAAAATCCAGCAAAATGG  
CTCTAACATGAGTCCAGATGTGGGGCTGGCAAAGCCTCCTCTGTGTGAAAGGTTAACGGAGCAATGGGCT  
GGCCCTGGAGTTGGCCTCTTGTGCTGTTGTAGACTTGAGAAAACCTCGGCCAGTTGTTGCTTGACTTTG  
CTTCTGATCGCCAGAAATTTTGCTTGAGCTTCTTTCCCAATCTGTGCTCCTGGATGGAGAATGGACAAGC  
AGACAAACGCATCAGCTGATGAACCTTTGCCATCGAATTCCTATTCTAGGCTTTGAAGCTCTGGAAAATTT  
GCTTCTACCTAATTTGGTAACACATTGCATTAAGGTTCCAGTTATAAATGTTTGGCTAATATTTTATAAA  
TGGATACAGAATGCAGTCCATTACCAATAACTTATTTTAAATATGCCAAGTAACACATATGTAGCATA  
ATTTCTAGAAATAAACGTATAACAAATCTATAATATAAAGATACAGTTGCAGCAAAATATCTCCCATTA  
AAATACCAGGATTTATAATATTATGTTGTGCTGATATAAAGCATGCTATAAAATGTAATAGATAAATAAAT  
ATAACTCG

>GBEQ2649 |RC|Acc|BM781067|Ver|BM781067.1 GI:19129299|MLN1\_3\_E10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:562  
TTTCAGAAGTGGAGAACAGTGGTTACTATATCTGCTACCAAGAAAACCTCAAAGAAGACCCATTATCTCTA  
CCTGAAAGCCAGAGTGTGTGAGAACTGCATGGAGGTGGATCTGACGGCAGTGGCCACAATCATCGTAGTC  
GACCTCTGCATCACTCTGGGCTTACTGCTGCTGGTGTATTACTGGAGCAAGTCTAAAAAGGCCAGGGCCA  
AGCCTGTGACGAGGGGAGCAGATGTTGGCGGCAGGCCCGGGGACAAAACAAGGAGAGACCCCGCCTGT  
TCCCAATCCAGATTATGAGCCCATCCGGAAGGCCAGCGGGACCTGTACGCTGGCCTGAATCAGAGAGCC  
GTCTGACAGTTCTGAGGACACTGCCTCCTGCTGGCCAGCTCTCCCTTGGCAACCGTCTGTGGGAATG  
GACTAGGTAAATGAGACAGCCCTTCGCTCCCTCCCTCCTGCTCCACTGTAGGCCCCCTGGATGTTGCTTTG  
CATCTCCATGAATGTGCTAGGCTCCTTGTGCTGAGAGAGAAAAGAAATAAAGTGTATTTGGCCTCGTG  
CC

>GBEQ2650 |RC|Acc|BM781066|Ver|BM781066.1 GI:19129298|MLN1\_3\_F11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:602  
TTACTGCCCAGTGCCTAGGAGATGCTGCATGGGCAAAGTGTGGCACAGTGCAAAATGGCTTTTCTTCACA  
TAGAACAAAGTAATCCCCACATTGCTCACTTGGTAATAGTGCCATGGCCCTCAGATTTCTTCTAGTATTTG  
CTTCTAATGAATAATTATGGTCTATATATAAACACATAAGATTACGTATTGCTGAATTTGCAGTTACGTT  
TTTGTGTAAAAGAGACTTCTCAAAGTCAAAAGTCAAAAGCCGTCGACAGATGACTTCATGCTCTCTCATG  
GACTCGTGGCGCGCCGCTTCCAAGTAGGTATGGAGTTTATGCGTTAGTATGTGATTTTCAGTTCTGTGAA  
ACATTTTGGGATCTGTACCAATTAACCTTTGATAGTTCTGCTGTTCTTCTGTATGGACCCACTGCTGCCT  
GATGGCCTTCTCTGCCTTGTGTAGTCACCTGGACAGTGTGACCAGACCGTCACCTCTTGCTTGCTTGAA  
ATTTTGTCTGAAGATGTTCTCATTTGCTTGTGTTTTGCTGTTGGGGTGTGGGCAGGTGCTGCTGCTGCTG  
TGTTGTGTTTATTCACCAATTTATACATTATTTGCTCGTGC

>GBEQ2651 |RC|Acc|BM781061|Ver|BM781061.1 GI:19129293|MLN1\_3\_G07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:49:Stop:670  
CTGCGTGCTTTCTAAGGTGAAATATACATCTGTGTATATCGACAGCCTTTNAAATCAAGACCTTCAGTATC  
ATTTACATACGTTTGTATAACTTCCTTGCTGGTATAAATGTTTGTATTTCAAAAAGTTATATGTGGTAT  
TATATAGAAGACTTGCTTAACCTTATAAAGTTAAATCATAATCATTGAATTTAGGAAAGATTAAATGGTT  
AGCTTATATAAAATACTAGATTTAAGTAAACTTCATATTGGCCAGACCAGGATATATTCTATGAAGGTC  
ATTATTTTGAATTAAGAAATTCATGTTTAATATTTCCGAATTTAGTTTTAAGTCTTTGATTAATTTGTA  
GGTTTATTTTTCAGTTTCTTTTAAATTTAAATAAAGCTTATATTTACAATGCTATTTTGTGATCAGTA  
TACCATTACTGCAGTATTATCAATGACCTAATGTTTTAAAGCTCTTTGAGAATGTTCTTACCTTTCTTTG  
TTTCATCTGTTTCTAAGGGCATTTCAGATTCTTTGATAATCTCTGGAAAAACAGAAATTATAAAAAAGAAA  
GTCTCTTATAATAATAATGCTTCTCCCATTTCAAAATAATTGCTTTTTTCCCTTGTGTAT

>GBEQ2652 |RC|Acc|BM781049|Ver|BM781049.1 GI:19129281|MLN1\_3\_H07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:640  
AATATTTAAAGCAGAAGCAGTCAGTTAGGATTTCTTCTGCATAAGGTTTTTTGTAGTGTAATGTCTT  
AATCATAGTCTACCATCAAAATATTTTAGGAGTATCTTTAATGTTTATAGATATATTTAGCAGCATGCAAT  
AATTACATCATAGTTCTCAAGCAGAGGCGAGTCTATTGCAAGGACCTTCTTTGCTGCCAGTTATCATAGG  
CTGTTTTAAGTTAGAAAACCTGAATAGCAACACTGAATACTGTAGAAATGCACCTTTGCTCAGTAATACCTG

AGTTGTTGCAATATTTGATTATCCATTTGGTTGTTACAGAAAAATCTTAAGTGAATTGATGGTTGTTG  
CCGTAATAGTATATTCCTGTATTTCTACCTCTAGTAATGGGCTTTATGTGCTAGATTTTAATATCCTTG  
AGCCTGGGCAAGTGCACAAGTCTTTTAAAAAGAAACATGGTTTACTTGCACAAAACATGATCAGTTTTTGAG  
AGATCGTTAATGCCCTTGAAGTGGTTTTTGTGGGTGTGAAACAAATGGTGAGAAATTTGAATTGGTCCCTC  
TTATTATAGTATTGAAATTAAGTCTACTTAATTTATCAAGTCATGTTTCATGCCCTGATTTTATATACCTG  
TACTCGTG

>GBEQ2653 |RC|Acc|BM781048|Ver|BM781048.1 GI:19129280|MLN1\_3\_H05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:13:Stop:663

AATAGTAAAGTAAACAAAGCACAGGAAGATGATNTGAAGTGGGTAGAAGAGAACGTTCTTCTTCTGTGA  
CAGATGTAGCACTTCCAGCCCTTCTGGATTGAGATGAGGAACGAATGATCACACACTNTGAAAGGTCCAA  
AATGGAGTAAAGAAATGGGAAGATGTGCAGTTGAAGATGGCTAGTATCTGGGAAGAGATCAGCTTCTGTGT  
CAGTCTTTTACACTACCCCATGGGATTAAAGGAGGCAGCGACATCCTGATCTGTTTCTTGTGCA  
TTGGAGCTGGCCAGAGGTGTGAGAGCAAGGAGGACTTCTCATTGAAAACAAGTTCATAGGATGAGAAAAA  
TCTACAAGTTTTCTTATTTACAACATTGATGCCCCCTTTCCCTGCCATACTCTGACATGGATGTTTATGCAA  
CTTATGTATGTTGTTCTTCTGAGCCTTCTGTAATGTTTAAATTTGTTTAACTCTGTCAGACTAAAAAGTTTAA  
ATCTTCTAAAGAACTGTGACATCAACACCGTAATATGTAATCTCCAGGAGCAACTGCCTGTAATTTTTTAT  
TTATTTAGGGAGTTACATAGGTGATGGGGGAAATTGTAAATTATCTTTCCATTCTCTGGGAAGCCAAGGT  
AACATCTTGCAGAGGTAGTTT

>GBEQ2654 |RC|Acc|BM781041|Ver|BM781041.1 GI:19129273|MLN1\_3\_A06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:630

GATTGCTCCATCGCGGCCACCGGCAAACGGCCGCTGCCCCGCTTCCCCACCAGCGGAGGAAGAAGAGGA  
GGGAGATGGATGATGGGCTGGCTGAGGGAGGGCCACAGCGATCCAACACGTATGTGATCAAGCTGTTTGA  
CCGGAGCGTGGACTTGGCTCAGTTTCAAGTGAAGACACACCCGCTGTACCCGATCTGCCGGCCCTGGATGCGC  
AACAGCCCCCTCAGTGCAGCGAGCGTGAACGCTCGCCAGCTCACCCTGCCCCGCTGCGCTGAGGATGAGG  
AGGGTCCAGAGGTCACTAACAGCAAGAGTCCGGATGTGTACAAGCTGCCTCCGCCTACAGCCCCCTGGGCC  
ACCTGGAGACGCTGAGATCCCGAATTCCATCCCCACTGCAGCCTGAGACCCAGGGTACCACCGATGAT  
GAGCCCTCCGAGCCGGAGCCCTCACCCCTCCACACTCATCTACCGCAACATGCAGCGCTGGAACGCATCC  
GCCAGAGGTGGAAGGAGGCATCTCATCGGAACCAGCTTCGTTACTCAGAAAGCATGAAGATCCTACGGGA  
GATGTACGAGCGACAGTATGTTCCCTGTCCCCCAACCCCAATAAACATCTCTCTCCAAAAA

>GBEQ2655 |RC|Acc|BM781037|Ver|BM781037.1 GI:19129269|MLN1\_3\_B05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:599

CCCTCCTCGCCAAAGACAGCCTAGAGAGGATGGCAATGAAGAAGATAAGGAAAATCAAGGAGATGAGACC  
CAAGGTGAGCAGCCACCTCAACGTCGGTACCGCCGCAACTTCAATTACCGACGAGACGCCCAGAAACC  
CTAAACCACAAGATGGCAAGAGACAAAGCAGCCGATCCACCAGCTGAGAATTCGTCCGCTCCCAGGCG  
TGAGATGGCAATAGGGGTAGAATTATTAATCAAGACATATCTTTATATATCTGAAGATAGCCTTCCTCAG  
AAGAAATGAATATGAAATTCAGCAATAAGAAATGAACAAAAGATTGGAGCTGAAGACCTTAAGTGCTTG  
CTTTTTGCCTGTTGACCAGATAACTAGAACTATCTGCATTATCTATGCAGCATGGGGTTTTTATTATTTT  
TACCTAAAGATGTCTCTTTTTGGTAATGACAAACGTGTTTTTAAAAAAGCCTGGTTTTTCTC  
AATACACCTTTAAAGGTTTTTAAATGTTTCATATCTGGTCAAGTTGAGATTTTAAAGACCTCATTTTT  
AATTTGTAATAAAAGTTTACAACCTGATTTTTTCAAAA

>GBEQ2656 |RC|Acc|BM781033|Ver|BM781033.1 GI:19129265|MLN1\_3\_A12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:655

AGTCCCTCCCTCTGTCTTCAGGCTTTTGTGCTAGTTTTTAAAGATTTTATTATCTTCAAGCAGGAATTATG  
TTGCAAGTAAATTGACCCTAAATCTGCAGACAGTGAATAAATTATGTAAGTGGTTTCTGCTCCATTGG  
TGACATTTCTGCAACTTGGGTTCTTCTCGGGAGGGAGAGCCGACAAGTGGTTGTGCTGAACCTGGGTGT  
TTTAGTAAGCGCTCTTCTAGAAATCAAAGGCGCTCTCTTTCTAGAGGTGCCACATAGTTGTTAATGCT  
CAGAATGGCAATAGGGGTAGAATTATTAATCAAGACATATCTTTTATATCTGAAGATAGCCTTCCTCAG  
GGTTTAATAGACTGAGTCAGATGGGTCTGATATTAATCAAAATTGTCTCTTCTGAGGAAGGCTGATAAGC  
ATTGACTTGTGCTCCCCAGGGCATCCACGCAACTACAAAGCCTTGCTTTAGTTTCACTTCAATTAATG  
TTGCATTTTGGTTGGTGAATGCACACTTTTTCTACCTGTACATATTTCTTGGCTTTGTATGTTTCATTTT  
TTGATTAAAGCTGTTAAAAATAGAAGGGATTTTGAAGGAAGAAGCCCTTTGTTCTCTTGTCTTTGTTTTA  
ATAACAGTATATT

>GBEQ2657 |RC|Acc|BM781032|Ver|BM781032.1 GI:19129264|MLN1\_3\_B07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:538

GCACGAGGCGCTGGCGGCTCCACCTCTGGAAGTACGAATACCCCTATCCAGCGGTCAAAGAAAGATTCGG  
AGGGAGTGGAGATGGGGGTGCGGGGCTCGGTGAGCCTCCTGCAGAACGTGACGTTGTCTACTCAGCCCGT  
TTCCAGTTTGGACTGGAGTCCAGATAAAAGGGGTCTCTGCATCTGTAGTTTATTTGATCAAATGGTAAGA

GTACTGATTGTTACAAAACCTCCATAAAATTTGATCTGAAGATTTGGGACTTGCAACCTTCCAGAGGAGCA  
CTCATGGGACTTAGAGTGTGCTCTGGGATCCTCTGAGCCTCAGTGAACGAAGCTGGATTTGGCTGATGAA  
AAAAGGACCCAGAGGCAACCTCCAGCTGGCCTGTCTGTGGCTGTGATACGCCGAGCGGGGTGTCGGGC  
GACGTGGCTGGACGCTGGTTTGTCTCTGCGTGTGGGGCCACCACTGTCTCTGGCTCCTGCTCTGTTCTTT  
TCCTGGCCACTTCTAATAAAAAGTTGATACTTGCCTATATTTAAAAAA  
>GBEQ2658 |RC|Acc|BM781025|Ver|BM781025.1 GI:19129257|MLN1\_3\_C03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:12:Stop:519  
TGAGCTCCGAAGGAAAACCTTACGTGACCAAGGAGGAGCTGTACCAGAACCTGACTCGGGAACAAGCCGA  
CTACTGCGTCTCCACATGAAGCCCTACGTGGACAGCAAGGGCCGCGAGCTCCCCACCGCTTTTCGACTAC  
GTCGAGTTACACCGCTCGCTCTTCTGTAAGTGTGCTCTTAAGTATTCCACACAGTGTACTTTTCCA  
CCTGCCGTACCTTGTGTCATGTACCTCATCTCTGTGCTCTTAAGTATTCCACACAGTGTACTTTTCCA  
GTGTAACCTTAAACCTGCTTAGCTTGAGAAAAGAGAGTAGAAAATGGTGTCTCAAGAAACCGCTCTGGTC  
CAGTCGAGTTGCCGTGTTGCTGTGGGACCCAGATTCTGTCTCGCAGCCAGCTGCCCCATTCCGACTT  
CAGAAAAGTTTAAAGCAGCTGGCTAGCTCCCTCTTGTCTCCACTCCCCACCCCCAATTTTCTGTTTT  
CATGTAAAAGACAAATAA  
>GBEQ2659 |RC|Acc|BM781014|Ver|BM781014.1 GI:19129246|MLN1\_3\_D01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:565  
CACCTTGGAAAATATGCTCGTACGGGTCTTTTAGTAANAGATATTTATGATAAAGACACTTATGAACCTG  
GATGAAGACACAGACTAAAAGGAACGTTTCAGAAGCAATCGGGATAAAACAGCATTAGATAGTCATGCT  
GCTAGATCTTTTATTATGGAAAACATTTCAAGTTTACTCCTCTGTGTTTTGAGTTCTGTAGCAGTGTACCCA  
CACTGGGTATTACCATGTAAATAATCTGTGAGTGAAAGTTGCCATTATTCTATGTAGTGGTTTTAGGATA  
CTTAACAAATACATTCAAATTCTTTTTTATTATTATTTATTTGATTAGGTATGTTTGTAACTTTTTTACA  
TTACAAAATATGAATGAGAATGTGCCATGTATAATTTTTTTCTGTAGTAAGAGACATCCATATTGCAC  
AGCTGTACTGTTGGAAAGCTTCCCTTGAAAAGGGGACTCTTACTGGGTCTTTGACCAGATGGTTGTGTATG  
GGTAGCACTACTAAAAGTTTAGAAGTGTGAGTGTCTTTCAGAAATTTTAAATAAACTGTAACATAATAA  
>GBEQ2660 |RC|Acc|BM781013|Ver|BM781013.1 GI:19129245|MLN1\_3\_C12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:671  
GATCAAGCTACACATCCGTTTTATGATATAAATACTTGTACTACCTTAACGATAAGGAAGCACTTGGTGG  
ACTCCTTGCAAGTTCCATTTGCTAATGAGTAATACACTGTTTGGGCTGGCCAGTTTTTCATGCATGCAGCT  
TGACAATTGAGCACAGTCAGGCATTTGTATTAATAAATGAAAAACGAAAAACAAATTCAAAACCTATTCA  
AATGGGTTTCTAGTTCACTTGTGTAGTATAAATCGTCATAGCTGGTTTACTGAAAACAAACACATTTAAAA  
TTGGTTTACCTCAGGATGCTGTGTCAGAAAAGCGAGTGAAGGATAAACTGTCTAGATACAGCCCCACTAGC  
AGGATGGTCTCTTGTACTTCCATGTGCCCCGACCCATGGTGACAATGACACCCTGGTGGCAGGCCTGTG  
TGTGCTGGTTTAGCATGTCTGCGTTGTACTAGAGCAAGCGGGTGTGAGGCTGTCACTGTTTACACAAA  
TTTTTAAAAAGAACTTTTCCAGGGGAGCATCTTTGAGCTCTCTGTTTTTAAACCTTCTGAACCATGAC  
TTGGAGCCAGCAGAGTAGGCTGTGGCTGTGGACTTCAGCACACCATCAACATTGCTGTTCAGAGATTA  
CAATTTACGTCCATTCCAAGTTGTAAATGCTAGCT  
>GBEQ2661 |RC|Acc|BM781005|Ver|BM781005.1 GI:19129237|MLN1\_3\_E06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:46:Stop:654  
ATGCCACATCCAGCTTATAGATGCTGACAGGAACCCATGGAGTTGCATCTTCTGCAGCATGGAGATTATT  
CAGGAAAGGTGCTCAGAAAACCAACAACGTCATCAGGAATCTGAGGTCCTGAAGAGGCAGATGCTGCATG  
AGGAGAAGTTGAAATGTGAGTTCCTCCTCTTGAAGATCTACTCCTGTTTCAGAAAGCCCCCTTTTGCCTC  
AAAACCATACTATAGTAAACAGGCATTCTGGAGCCAGAGGAAGCCCATGTGGTTGAACAAAGTCAAGAAA  
AAGCTGAATAAGAAGATGTATGCCCCAGTGGAGGGGTTTGTGCGGGACATGCGCCTCATCTTTCAGAACC  
ACAGGCATTTTACAAGAGAGCAGTAGACTGCAGACCTACTCCATTCAACAAGAAATAGAAGTGCATTTT  
AAAGGCAACCAAGTGTCTCTTCTCTAAAGGAGATACGAAATTGAATTTCTCAAATTTCAAATCTTGG  
ACTTCTTTAGATCTGAATTTCTAGTGTGTGTCAAAAAATTAACAGAGATTACCTCAAGGGGTGAGAAT  
GAAGGAAAAAAGAGACACCATGAATTTACCTTAGACATTTCTGTGCTA  
>GBEQ2662 |RC|Acc|BM781004|Ver|BM781004.1 GI:19129236|MLN1\_3\_E05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:93:Stop:659  
CGGCATAAAGCAAAAGTTCAATGTTGCAATTATGATCTTAGAAGAATTAAGCATTTCACTAGCCAGCCAAAG  
TAATTTGTTATTCTTGAATATATTTATTNTGAGTTGTGACCCAGAGTTCCGATTTCTCAATTGTAGA  
CTCAGTAACCTTACTATGTACAGTGTACTCATTCAAACCACCTGCTCTCCAGTGTGATTCTGAATAGAA  
GATATATTTTATTGACGATGTAAGGCAACCCCTGTAGAAAGAGACAAAACAGAAAAATGAAAGGGAAA  
GAGAACAAAGCGTGCAGGTGAGGACATACAAATTCATTTTAAACCACCCAGACCCATACACGAG  
CATTTCTTCTTCTTAACTTCCAAACCAAAATATCTTCTTCTTCAAGGATTCTATCTGTAATAGC  
ACTTTGGGACTGTGGGTAAACCAAAAGACTTCAGTCTTCTATTTATCCCAACTTGGTGTATGGGGTTG



AACTGGAAAATTCCCTGAGGCAGAACTCGGCCAAATTTTGGATGGAGTATAGGAGATGACTCCAGAAAT  
TAGTAAT  
>GBEQ2663 |RC|Acc|BM780987|Ver|BM780987.1 GI:19129219|MLN1\_2\_B10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:144:Stop:435  
CACATGCTAGAGTCCCGTGGAGTTCGCTCCGCTCCAAGGTGGATGAAGCTGTGGCGGTTCTCCAGGCTCATC  
ACGCCAAGAAGGAGCTGCCCAGAAGGTGGGCGCTGTGCTGCTACCTCCTAGACAAGGAAAAACCG  
ATTTCAAAGCCAAATAACCCCTTAATGGAATTCAGCTCAAGGTTGAAGACTTCCTAGCTTGTCTATGG  
ACCTCAACACCACGAACCACAAATTGCAATTTAATAGGTCATTTGTATCAAAGGTCAATTATGAAGC  
ACCTAGAATTTT  
>GBEQ2664 |RC|Acc|BM780984|Ver|BM780984.1 GI:19129216|MLN1\_2\_C08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:21:Stop:635  
TTTGTGCTTTCTGTTTCCGTAGTTGGTCTGAGGTGAATATGCCCTATTCTGTTGGAAGAATGGCCTNTT  
AGTTGTATAGCCAAAGACATTTAGTATTTTGGTTCTTAAAGGTGTACCATTTTGTAAAGGAATATTA  
TTATTATTTCTTTAATTGTTTGGTAAATATTTTGACAAATACCTTCTGAATCAGCTACAACCTAGAAA  
GATAATGTCAAACTGAGGTGATTTTTTGTGTTTTTGAAGAGCCAGCCAAAATAAGGTGTGAGTTTG  
TCATGCTGTTAAATTGAAATTGGTAACAAATGTATCCCTTCCAGAGTACCGTTTTTGAGTTTCAGAGT  
AATTGAAAGTTTTTATTATTTATATTTTAAATAATTTTAAATGTGAGTAGCAAGACTGACTATAATTC  
CAGTTTTTATTTCTATGGACAAATTTGATAAACTGGAGACCCTGAGCAGGATTACCCAAATTGTAGTGT  
CAGGATTTTAGCTGTACCAGAGGCCCTTATGTGCTACACATAATTTGTATAAAGTTTATATGTGCAAT  
TGGATACATAAAAGTTCTCCATTTTCTAAGGGAATGCAATAAATGTAGCATCG  
>GBEQ2665 |RC|Acc|BM780978|Ver|BM780978.1 GI:19129210|MLN1\_2\_E01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:573  
CTTTATCCACAATTCCTAGCCCCACGTCCACAAGACTACACAGTGGAGAATCTCATCCGGATGGGTGGAG  
CTGCCCTTGATCCTGGTGGTCTTGGGATACTGCTATTTTCAGGCTCGTGACAGCCAGGAAGATTAGAAGA  
TGCACCCAGGAGGTAATAACAAGAGAGGACGATGATCATAGTGATAGAATCTTGGGAATAAATCT  
TCTGTTCCCAGGAAGTTTGGGATGAGCATCTGGGGCATATGCTATGTGAATCTCTGCAGCTCATTTGTG  
AGTGGAGGAATAATTTTTTCTATGTGCAGGGACAATGTCTGGACTCTTCTGCCATTAAACTGTGGAACCTTC  
CTTCATGACCACTTCATGACATCTTGAAGTGGCTCCTATCTTCCCCCTTTCTGTGAAATCAGCATGTATC  
CCACATGGCAGATTTGGGTTTACACCTCCTCACACTTCTTGCTCTGGTACAACCTTCACGTAATATATTT  
CTCTCTATTTTAAATTACCACATAAGTGATGTGTTTGAAGGAGTCTCTTCATTCATATCATGCAGCTATT  
TTAATCTCGT  
>GBEQ2666 |RC|Acc|BM780977|Ver|BM780977.1 GI:19129209|MLN1\_2\_D11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:24:Stop:645  
CCTGCCACCGGCCACTCCCTCAGGCCCTGGACATCGAGTTCATGAAGCGCTTGAGCAAAGTGGTCAACA  
TCGTTCCGGTCATCGCCAAGGCCGACGCTGACCCTGGACGAGAGGGTCTACTTCAAGCAGCGGATCAC  
GGCGGACCTGCTGTCCAACGGCATCGACGTGTACCCGCGAAGGAGTTTGACGAGGACTCAGAGGACCGG  
CTGGTGAACGAGAAGTTCCGAGAGATGATCCCGTTCGCCGTGGTGGGACGTGACCATGAGTACCAAGTGA  
ATGGGAAGAGGATCCTTGAAGGAAAACCAAGTGGGGCACCATCGAAGTCGAGAACACCGCACACTGTGA  
GTTTGCTTACCTGCGCGACCTCCTCATCAGGACGCACATGCAGAACATCAAGGACATCACCAGCAGCATC  
CACTTCGAAGCCTACCGCGTGAAGCGCCTGCATGAGAGCAGCAGCGCCATGTCCAACGGCGTCCGAGGAGA  
AGGAGCCTGAAGCCGAGGAGATGTAGGCCCGCCCTGCCAGGACCCTGCCCGCTCTTTCCGCCCCCCC  
GACCCGCCACAGCCCCCTTTTATTTATATAATTTTCTCCATGTGTTCTGTTCTCCGCC  
>GBEQ2667 |RC|Acc|BM780971|Ver|BM780971.1 GI:19129203|MLN1\_2\_E07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:46:Stop:604  
GGGGTGCTTGTACAGATCCATTTATTTTGCTCTGCTGTTGATTCTCTCCACTGTAAAGTGCTGCAAACT  
TTAGGGCAGCTTCCCTTCCCTTCCATGGCACTGCTTAGTTATCAGAAGTCTTAGAGAAAGACACTACCTTT  
CACAGGAAAGCGAGAGTTGAATGAAGTAAAGTGGCGTTAGTGGGCCCTAGATTTTGAAGCTCTACAGT  
TGTTTCAGTGTCATTTTGTACATACTTCTAGGTATGTAAACATGTCTTCACAGCTTACACTTTTCAATTG  
TATGTGCTGGATGGACTAAGTGTGTTGTTGATTGTGACCAACATTGAGTCAAGTCAAGTCAAGTCAAGTCAAGT  
CATATCGCCAATTAGTTGTAATAAATGTTCAACGTACACCACTGTAGTGTGTTTATCTATCTCTTCC  
AAAAGTTTGTCAAAGTGGAGAGTGTGAGGAATTTTTTTTTCAGTAAATGTTGAAGTTTCATCTCCA  
TTTGAATGTGGTTGTTAAAGCACACACACAAGATAAATGGCGGAAGATTTAAGGAGTCTTCATGTACT  
>GBEQ2668 |RC|Acc|BM780968|Ver|BM780968.1 GI:19129200|MLN1\_2\_E03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:29:Stop:586  
GCCTTTCTCCGTTTATAAGATCTGGCGGTNTGGGCTGTGGATGGCATCATGACTTTAATTTTATTTTGG  
CCTTTGTACATCCCCATTCCTTTAGCTTTTAAAGTCCAGCTTCTTTGGGCTTTTTTCCATATGTTTCATCA  
AGCTCAAATTTAAATGATAAGACCAGGTTTCTCCCTCTGTAAATTATGGACATTTTCACCAATCATAG

CTATAATCCCACCTTTCAGGACTGACTTCATGGAAGTTTGTGTTAGAAAGAGGGTGTCCCTGGATTCCATT  
CTCTTAGAATGTTCCGAAGTCTGAGAGAAGATGAATTCATGTGAAATAACACCATTTCTCTTCTGGTGT  
GTGCATCAGTATCTGATTGTCTTCCCTACCTAATGAATCATCTTAGTTTTATGATTGTTCCGCATGTAT  
TATGTTTATTGTAGAAATGTTTATATAACATGCTTTCCATATCAGGGAAAATCATATCTGTTTAATAAAT  
TGGCTATAACTTTAATATCTGTGGACAACCTGTAAAATTTGGAAATGTATCATATGTAAAAAATTTAAA  
>GBEQ2669 |RC|Acc|BM780950|Ver|BM780950.1 GI:19129182|MLN1\_2\_H01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:551  
CTCCTGTTTATTTCATGGAGGACACACCGCCAAGATATCAGATTTTAGTTGGAACCCCAATGAGCCTTGGG  
TCATTTGCTCCGTGCTGAGGACAACATCATGCAGATATGGCAAATGGCTGAAAATATTTACAATGATGA  
AGAGTCAGATGTCAACATCGGAACCTGGAGGGGCAAGGATCTTAAACCCACAGTACGAGACATGTTTCT  
GTTGAATGTACTGCTCCATGAACGCTTGGTTTCATCAAGCGCCACAAAGGCAGTGGATAGTAGGGAGTAGA  
AGTGGGAGGGCATATGGCGTTCTCTATCTTTGATTCTAGCACTTTCAAGTGAGCTATTGCGTACTGTATC  
ATATTGTAGCTTTTGGGAAGAAAGGAATGTTGCTTAAAGAAAGAACATCATGTTTTAAATAACAAGTAGC  
AGGGTACTGCCTTTGATTGAACCTGTTTAAAGTCCTTGTCTTCTCAAAGTGAAGTGTGCTGTTCCCAAAT  
ATGCAAGAATAACTTTTACACTTTTCCCTCCAACACTTCTTGATTGGCTTTGCTCGTG  
>GBEQ2670 |RC|Acc|BM780949|Ver|BM780949.1 GI:19129181|MLN1\_2\_G12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:8:Stop:554  
TTCTTTGCCTAATTGCAGAAATAATTGCTCATNTTCTAGCCTGGCGAGATATTTTACAAGAGAGGAATA  
ATAATATTGACTTCACTTAAAAAATATCTTAGGTGAAGACACGGCACGAAAATGCCAACATTTAAGCAT  
CACTCGTGCAGCTAATTTGACTGTGTGCAGATTACAAAAACCTCAAACCTTGTAAGCTTCTGAAATAGT  
TTAAAGAGCTCCCAAAGTAGTTACCTACTGAATTTGATTTCCGTAATTAGAAGACCATTTCAAAAACTAA  
GTACAAATAACCTCTAGTGGCATAAAAAATGTAGCCATGTTTTCTTTTAGCAATCTTGATTTTCACTCCA  
GTTATTTAGAATTGTTGATTTGTACATGTGCAGAAAAAATTAGGCAGCTGAGAATCTTGTGTTCCCAAGCA  
GAGTTTTCTAGACTGAATATTGCAATGTGTTCTCTGTCTGTTCTATGTATATCAGGAATGCCAAGATG  
TGAAATAAACTGTAAATTTGCGCAACTGGATGTACTTAGATAATGTGAAATAAACC  
>GBEQ2671 |RC|Acc|BM780947|Ver|BM780947.1 GI:19129179|MLN1\_2\_H09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:548  
CTGCTAGATTTTGTATTCTAGTAGTCAATGTATNTTCAGTGAAATGTAAAAATATTCCCGTTCTCTTTCA  
CCAGTATTAATTTCTTGAGATCTTATTGCTTGTCACTTGAATCCTGTAGCTGTCATACATCTGGTATAAG  
CAACATTTGATTTTGAAGTGTGTAGACCATCTCTAATTTTCCAAGATGTAATTTTACATTTCTGTCAT  
TTTAAAAACAGTTTGGCCATAATCTAGACGACCGCTTCTAATTTCAATATACCTGCACATGTGACCTTTGTG  
AACAGAAATTTGCATGTATGATCTGTGTTTACTTTGTAACCTTTCTGGTTATATACTGCTTATATCTGTGGA  
TTCAAGTTTCTGAAGTGAATATCAATAAAAAAACTTAGGCCATGTTCAATTGGTTATACATGTTTGGAA  
TGTTAACCAATATATTGTCAGTTGTGATTATTATCTACTGTTACACTTTTTTGCATGCTTTAACAAATT  
ACTACATTTTAACTTGAAGTATTCTAAAGACTGCTACTAAAGATCTGAG  
>GBEQ2672 |RC|Acc|BM780946|Ver|BM780946.1 GI:19129178|MLN1\_1\_A03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:515  
TAATCAAAGGAAGATTCCAACAGAAACAGATAGAAAATGTTTTGAGAAGATATATCAAGGAATATGTCAC  
CTGTCACTTTGCCGATCACCAGACACAATCCTGCAAAAGGACACCCGACTCTATTTCTTACAGTGTGAA  
ACTTGTCACTTCTCGATGCTCAGTTGCCAGCATCAAAACCGGCTTCCAGGCTGTCACGGGCAAGCGAGCAC  
AGCTCCGTGCCAAAGCTAATAATTTGCTAATCACCACCTGATTTTTCAAAGTGTGTTGTGGAGATTTCCG  
TGGACAGGTTTACCATCAGAGTGGATATACCATTGTATTTAAATCAAGATAGCAAAGCTGCCAAGTTCTT  
TGGTGTGTGGCTGTTGGTCTGAAATCCTTGCAAGATGCCGATGCTCAAGCTGTTGACATACTCATTTGCC  
TACTTTAACCACTGTGAGAGAAACATGATGGGGTAAGGCAGTGCTTTTTTAAATCGTTTCATAGACTTCT  
GTAAATGCAAGATAAACTCGTGC  
>GBEQ2673 |RC|Acc|BM780940|Ver|BM780940.1 GI:19129172|MLN1\_1\_A07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:345  
GGCCTAAATAAAGAGAAAGCAGTTTCCCATATTTGGTTGTCTACCTTTATCCTCATTATCTAAAAATGA  
GGAGTAGGCTTTTGAACAAGAGTTGAAACAAGTTCTTTCATTTTATCCAGTGCTGTTATCTTGATT  
ATCTAATTACTAAAGAGTAGTAGTGCTTTATGATTTTATGCTGCTTCTGTTGGAGTGAGATTAGATCA  
TCTGACTGCCGTTTGGGTTGATTGTACAGCAGATTAAACACAACTGCATTATGGCCCTAGTCAAGGAGCT  
TTGAGTAAATGGGTCCAAAATAATGTTCTAAGTAACATGTTCAAAGGCTTGAGTCAACTCGTGC  
>GBEQ2674 |RC|Acc|BM780932|Ver|BM780932.1 GI:19129164|MLN1\_1\_C01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:31:Stop:418  
CTCGTCNAGGACGGGCGCGCTCCGACTTTTCAGGGTCTCCTTTTTCTGCAATTTTGGACCAAGTTTT  
CTGTTTTGTCTGCCTCTGACACTGGGACCCAGACGGTGGGGCCGCGGCCCTCGAGTCTTAACGTCTCCTT  
CGCGCCTCACCTGCTCCCGCGGTCCAAGGGGCTCCCTGCGCGCGGACCCCGTCTGGCCGCCCGCCCCG



GGGACCTGGGCCCCGTTTCCAGATGGGGTGGAAACAAGGGTGTAGATATTTATAATTTTTTATACCTGTTG  
TCAGAGACGAGGGGCGAGCAATCGCGGTTTTTATGGTGACAGATGTATATTTTGATAACAGCAATTACAGG  
TCAGTATTGTGACGGGGGCTCGGCGCGCTCCACCGCCC

>GBEQ2675 |RC|Acc|BM780928|Ver|BM780928.1 GI:19129160|MLN1\_1\_B09.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:33:Stop:464  
CTATTGCTAAAGAGAACAAATTGCCATGTGGCCTCCTGTGACATAAGCAATTATTTTATTCTACTGACA  
TTCCACACAAGTTTAAATGAATGCTATAAAATCTTAAATCTAGCTGGGTGTGCTTTACCCCAAGTTCTCC  
TATTGAGAACCCTTGATTAAGAGCATATTGGCAGTTTAACTTAATCTGCTTGTTAAATAATGTGTTGGT  
GTGAGATATCAGGAATGTGTCTAATGATCACATTTACCATTTATGCCATTTGCAACCATATGCTATTAA  
CAAAATGGTCATTTGCGTATAGTTTACTCTTACCTAGTTTAGTCCATGATATTATACTTGTGAGAGAATA  
TCCAGATGCTGTCTCTATTTTACAACAGTATTGTCCAATCAGAAATGTGTGGCCCTTCATTTATGGAT  
ATTGAGTATATG

>GBEQ2676 |RC|Acc|BM780921|Ver|BM780921.1 GI:19129153|MLN1\_1\_C04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:473  
TCAAGCCTTCAGGAAAAGTATTGGGAAATTTTCTGCAAAAAGTCCTTGATTAGCATTATTTACATAAA  
GGCCTTAATTTCCATAGTACTTGTGAATTGGGGACCTTTGGGTGAATTTGTTTTATTCAATTTTATTTTG  
TTTGAAGCCTGGTGCTTTTTTACCACCTCTTCTAATCATTTAATGTATTTGTTTGAATTTGGGGGTAAAG  
CTTTTTTTAATCACTTTTTTCCCTTTGATGTTTTTCTGTAAATTCGCCTCTTAGTGAACGTGTGAAGTTG  
TACTGTGGCTTACGCAACAGCTCTCACTTAAGCGACTCTTACTTTACGGCAGTGCCGTAATAGACCGCTG  
TATAGTTACTTCTCACTGTGAGAGCTGCCCATTTTGTTCATACCAGTCACATCCTTGTTTTAAGTGCCCT  
TTTAATTTTAAACAGTTCACTTTTTACAATGCTGTTTACTGAAGTTCTCGTGCC

>GBEQ2677 |RC|Acc|BM780917|Ver|BM780917.1 GI:19129149|MLN1\_1\_D03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:476  
ACTGATAGAAGGATATATATGGAATGTTGGAAAGCTGGAACCAAGTGTATGTTTTCAAGGGCTGAGGTGA  
AGGGAAGATTTGTACAAGATAGTGTAAAACAGCTTAATGTCAATTTGATTTTCTCTTACGTTTTGTAC  
ACTAATGGACAATTTCTGGCATTTTATCTGGAATAATTCAGGGTCAACCTCCTATGGAATCAGGATTTTAA  
GCAAGTTTGTCTTGACTTTTATCTTGGCTTTTAGTAATCACTTTAGCTGGTCCTCTGGTCACAGATACTA  
TGCTGTCCAGGCTATACCTTCATCACTCTAGGATCTTAAAGTGCTATGTTACCTTCTGGTTATGAATATT  
TATTAAGGTTGGAAATTACATTTTCATTGATTGTTTAGATCAAGTTCAGCTCCTGTAGAAAACAACGTGTA  
AGCTGTCTGAAGACCATGCAAGAGGCAAAATAAACTCGTGCCGAATCGGCACGA

>GBEQ2678 |RC|Acc|BM780915|Ver|BM780915.1 GI:19129147|MLN1\_1\_D01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:14:Stop:454  
CTGGGGCCTCATGGGCTATGTCACTGGCTTTGGGATAATGGAGGACAGGCTTTCTCACGATCTCAGGTTT  
GTCCGCTGCCCCGTAGCTAAGCGAGAGGCATGTGAGAGATGGCTCCGGGGGAAAAGGAGGAACGACGTGT  
TTTCTCAGACATGTTCTGTGCTTGTCTGGGACCCGCTTTTAAAGCAGGATGCCTGTGAGGGGATAGCGGAGG  
GGTCTTTGCACTGAGGGATCAAAATAACGATCGGTGGGTGGCCACTGGCATAGTATCCTGGGGCATCGGG  
TGCAGCAGGGGGTATGGCTTCTACACCAACGTACTCAACTACGTGGACTGGATCAAGAAAGAGATGGGGG  
AAGAGGACTGAGCCCAAGATTCACTAGGTCAGAATCCAGAGAGCAGTGTGTAAAAAGAAAAATCATCTGA  
CCAACCTCTTGATAACACGAA

>GBEQ2679 |RC|Acc|BM780912|Ver|BM780912.1 GI:19129144|MLN1\_1\_D12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:65:Stop:401  
GCTAGATTGCAGTTAATAATTAACCTGTATATACTGTGCATATAATGAATTTTTATCTTATGTAAATTA  
TTTTTAGAACACAAGTTGGGAAATGTGGCTTCTGTTTCATTTCTGTTTAAATTAAGCTACCTCCTAAACTGT  
AGTGGCTGCCAGTAGCAGAATGTTAAATGTGGTATTGTACTTTTCTGCATTGTAAATAGTCTTGGTTG  
TACATTGTCACTGTAATAAAAACAGAAATCTTTGTATATCAAAATCATGTAGTTTGTATAAAATGTGGGAG  
GGATTTATTTACAGTGTGTTGTAATTTTGTAAAGGCCAACTATTACACAAGTTTTAAAA

>GBEQ2680 |RC|Acc|BM780905|Ver|BM780905.1 GI:19129137|MLN1\_1\_E04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:65:Stop:494  
TGTAATATGTGAACAAAAAAGCTTGTCTCAAAGCGGTTGTGAGTTGGGTGATGCCCTAAAACCCCCCGAG  
CAGCAGCGGAGTCCACAGGATCAGGAATGCCCTTTGGCGGCGCTCAAGTCACTGCAGCTGTAGTACCAGC  
CGTACCAGCCATACCAAGCACAAGTGAAGAGTAGAGTGGGGTCTCGTCTTGGCGTGGGGTCTCT  
GTTTCTCCAGTCCCCCTTCACTGCCACCCCCCGCCCCAGGGTCCGCAAGCAGGTGGTGAACATCCCA  
TCATTATCGTCCGCTGGATTCCAGAACACATCGACTTCTCTGCGCTCTCCATATGGGGGTGGCC  
GCCAGGCCGCGTGAAGAGGAAGAATGCCAAGAAGGGCCAGGGCGGGGCCGAGCTGGTGATGATGAGGA  
GGAGGATTAA

>GBEQ2681 |RC|Acc|BM780904|Ver|BM780904.1 GI:19129136|MLN1\_1\_E03.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:486

TCATGATGCTGTGGTTTACTCTCTTAAGACAGCTATGTTGATAATTATATTTTTGTTACTGTGCTTCTGC  
ACCTGTTGTATGGATTTTGTGTTGACATTTGTGTTAATGATGCATAATTAGTAAGTTTTCTACCTTGTCCAG  
TTCATCTAGTAGCGGAGTTTACATCTATTTGCATAGCTGCCATAGCACTGAAGCTATGTTACAGC  
AACGTGGAATTCCTTGACTTAGAGAGTTCGTGTGTTACATATCCAAACAGCGGTGTTTCCCTTGCTGGGA  
ACGCACACTTAGACAGATAGTACCTCAAATACGCATACACTGGTGTACAGTTTCTCTCAGATGTTTCTG  
TATTCTAAAAGCTAAAGTATTAAATACATTTTTTCCACTCAAATATTCATTTAGACTTTCCTTTTGAAGA  
TGATAATGATTGTAATATCAATGTGATTGAGGTTGTTCCAGTGTCTAGATGAAAATCACTCGT  
>GBEQ2682 |RC|Acc|BM780902|Ver|BM780902.1 GI:19129134|MLN1\_1\_F01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:27:Stop:488  
TACATACCAATCACATGGAACCTTTCTGTCTATGGATACAATAAGACATTTCTAGANACACACAGCACAG  
CAGTCTAAGATATAGCACAGCAGGCTAAGAACTTGGTAAGCCTGGCGGACTTACTGCCAAAAACAAATC  
AAAATTTAAATTTCAAAGAAATCTAAGTTATATGAGAAATTAGCTGGTCACTGTGTGCCCCAAGTCATC  
CTTGAGCACCACAGCTTTGCCCAACTTGGCGGCAGAACTTGAAGGGTTACCGACACGTAAATGCCAGTG  
TTTGATTTCTGTGTGTGTTGCCTCAGCATTAAGGGCATTTTACCTTGCATTTTACTAAAACACTCTGA  
AAAATATTCCAAGCTTCGTATTAACCTTACCTGTCAATGTAACGACTTCATGAACATTATTATATTGTCA  
AATTCCTACTGACAACGTTATTACTATACGGGAGCTTAACTT  
>GBEQ2683 |RC|Acc|BM780898|Ver|BM780898.1 GI:19129130|MLN1\_1\_F11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:102:Stop:399  
TNTGCTGTAAAAAATGTTTCAAACCTCTGCTGAAATGTTGCTGAAAAGCATGGTGTCTGGTAACAGTTCAAC  
AATCCGTGGCTGCTCATTCTTGCCCTACTTTTACTCTCCCTCTGAAGCAGGTTAGCATTGAAGGTGGTATG  
GAAAAGCCTGCATGCGTGTTCATTTCTTTGTTTCTTCTCCTTCCCTCTCCCTTGGGCCCCCTCCCT  
CCTTCGCTCGCTCAACCTCTTTTGTTCAGTATGTGTAACCTGAAGCTAATTTGTACTACTGGATATCTGA  
CTGGAGCCACAGATACAG  
>GBEQ2684 |RC|Acc|BM780897|Ver|BM780897.1 GI:19129129|MLN1\_1\_F10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:65:Stop:402  
GAAAATGCTGAGCCCGTGAGCAAACCTGCGGATCCCGACCCCACTGGCGAGTTCCTCGAGCGGCGTTTCC  
TGGCCAGCAATAAGCTCCAGATTGCTTTGATTTTGTAGCTTCCAAAGGATTTCATGGGATGAGTTCAA  
GTTACTGAGTACCTTTCTAGGAGAGACGTAACCCAGCTGGACCCAAATAAGTCATTATTGGAGGTAAAG  
TTGTTCCCTCAAGAAACCTTTTCTTGAAGCAAAGAGTAAACATGGCCAGCAGTGAACACAGCCCTT  
CCTGGACAAGCCGAGGCTGCGTCAAGAGAAGGCTCCTCACCACCCACCTACGCTCT  
>GBEQ2685 |RC|Acc|BM780886|Ver|BM780886.1 GI:19129118|MLN1\_1\_H06.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:4:Stop:421  
AACAGTCACAGACGGTGGATGGGAAGGACCTGTCTGGCTGATTAGTTGAGGCTGGGACAGCTGGAAGGA  
TGACATGACATCTTGAGAGTGGGGGACCCCGCTGCGTGAGGCTCAGCCCCCTGCCCTCTCTACACAGCG  
CATTTTGGAGGAGCAAGGAGGAAAACCCGCTCCCCGCGCTGGTCCAGCCCCACACTGGGAACTCTGC  
TGGTTCCTGGACGAGGACGCGGCCGACTCCTGACCGTGCCCTTCGAGAAGCATTCGGCCTTGTAGCCAG  
CCCAGGGGCGAAGAAAGCCGTGGCTGGGCCTTCTGGGGCTGGGCCCCACCCGGCGTTTGGCTTCCTTTC  
AGAAGAGCTGCCACCCCGCTGCGTGGCCGCGGGGCTCAGCCCCCTGGCCGGGCTCTGGGTGACCTCGT  
>GBEQ2686 |RC|Acc|BM780882|Ver|BM780882.1 GI:19129114|MLN1\_1\_H07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:116:Stop:431  
ATGGGCAGGGATAGGGGGCTGGGGGTGAGGAAGTTGGAGAGCACTGTGGTGAGCAGCTCGCTTCCCA  
GAGTCGAGTAGAGCTTCCAGCACCACAGCTCGGTCTTCTCCCGTTCTCAGCACAGTTGTTGCTCTTCGG  
TCATACCAAGATCTGGATCAAAAACGTGTTTTTAAATATCCATGACTTCTCCCTGTATCGCAGCCAGCCC  
CGACAATGCTTGTAGTACCTGTGCGCCGATCTCCCAAGTGTCTCATCCAGCCAAGTTTGCAGCCATGT  
TTAAACAAGACTGTAACGCAGGGAAGGTGCGTGAGC  
>GBEQ2687 |RC|Acc|BM735592|Ver|BM735592.1 GI:19056925|MONO1\_21\_C08.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA , mRNA sequence.:Start:25:Stop:696  
GGGCCCCCTCGAGAAGTCCGGTGTGCAATATTGTGTTGGGCTCGCGAGCGCTCTCTGGGCTCCGGC  
AGGATCCGAACCCGCGCGCTTAATGCTGCGCGTTGAGTTTGCATGAACTTCCCCCGGCGCTGCAGAC  
ACGGGTGCGCGCTCCCGACTCCAGACCGCACAGCTCCTGTTTTCCCAACAGCAGTGAAGTCTTTTCC  
AACCCGACATGGATGATCCCAATGTGCAGCATCTCCAGGAACCTCCAGATTGTGCACGAGACTGGTTA  
CTTCTCGGCGCTGCCCTCCCTGGAGGAATACTGGCAACAGTGGCTAGAAAGTTTGAAGTGGTGGGAGAG  
GGGATGCTGGTCTCTCGGAGTTGTAGCTTCTTGAAGACCTGCCTGGAGCTGGAACGTTACCTCCAGAG  
CGAACCCTGCTATGTGTGCGGCTCCGAAATCAAATTCGACAGCCAGGAAGATCTGTGGACCAAGATCATC  
CTGGCTCGGAGAGAAAAAGAGGACTCAGAGCTGAAGATTTCCCCAGCCCCCGGAGGAGGCTCTGAACA  
GCCCCGGCTTTGGTTACAACCTGGAGACCAACAGCTGGAAGTTCGAGCTGAGCAGCGAGTCTGTCAGCA  
CTCCGAGGAAGTCTCACCACCAACCAAGTTTACCTCCGACCC

>GBEQ2688 |RC|Acc|BM735570|Ver|BM735570.1 GI:19056903|MONO1\_21\_E07.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:535  
TCCTGTACGACGTAGTTTATCCCCTGCTCGCCCTGCTTCGGGCATTCCACAGCTGATAAAGCGAACTC  
CAGCCTGAAACGGAGGGTCCACCGCACGGAAGAAGATGCGCGCGCCCATCCCGAGCCCCAAGCCTGGAGA  
CCTGATTGAAATTTTCCGCCCTTTCTACAGACACTGGGCCATCTACGTTGGCGATGGATATGTGATCCAC  
CTGGCCCCCCTAAGTCAGAGACGCCATCATGGCAGCTGGCATCGCAGGAGTGGGCCTGGCAGCTGTGGGC  
CTCATCGGAGTCTTGTCTCAAGAAACAAGCGACAAAAGCAATAAGTTGAAGGGACTGTCTGTCTGCAA  
TGACTTTATATATTAAGGGGGTGTCTTGTGGCTAGAAGCTTTGAGGTTTGGTTTGTGGATTTCATTC  
TGTTTTATAATAAGGCTTATTTTACAGAATAAAATAAAGCCCCAAGAGGCAAGATTTTACTGGAGAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBEQ2689 |RC|Acc|BM735528|Ver|BM735528.1 GI:19056861|MONO1\_19\_A05.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:536  
GGGCCCCCCTCGAGCTGGTATCATTGACAACTGGAAGAAGTTGCAGGGAATGAGCCAGGAACAGGCCAT  
GGCCAAGTACATGGCCGTGATCAAGGAGTGGCCTGGTTACGGGTGACGCTCTTTGATGTGGAGTGCAAG  
GAAGCGGCTTCCCCCAGGAACCTCTGGTTGGGTGTACGCGCGGACGCTGTCTCTGTCTACAAGCGTGGCG  
AGGGAAGACCATTAGAAGTCTTCCAGTATGAACACATCCTCTCTTTCGGGGCGCCCCCTGGCGAACACGTA  
CAAGATTGTGGTTGATGAGAGGGAGCTGCTCTTTGAAACAAGTGAGGTGGTGGACGTGGCCAAGCTCATG  
AAAGCCTACATCAGCATGATCGTGAAGAAGCGCTACAGCGCCTCACGCTCCGTGAGCAGCCAGGGCAGCT  
CCTGCTGGGGAGCCCCAAAGCAGAGCTGTCCAAGCTTTCTGGAAGCCCCCTCGTGGAGGAGGTGTCTCCGA  
GGGACCTTTTCGCCCCGTGACGCTTAATACATGATCACTGACTCGTGC  
>GBEQ2690 |RC|Acc|BM735474|Ver|BM735474.1 GI:19056807|MONO1\_19\_F08.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:483  
AGAGATTGTGGAGCTGTTTAGAAACTTAATGAAAAGTGCCTTTGTGGTTGAGCGGCAGCCCTGCATGCCC  
ATGCATCCCGACCGGCCCTTAGTCATCAAGACCGGTGTCCAGTTTACTACTAAAAGCAGATTGCTGGTCA  
AATTTCCGGAATTAATTTATCAGCTTAAATTAAGTGTGCATTGACAAAGACTCCGGGGACGTTGCAGC  
TCTCAGAGGATCCCGGAAATTTAATCTCTGGGCACAAACACAAAAGTGATGAACATGGAAGAGTCCAAC  
AACGGCAGCCTCTCTGACAGAGTTCAAACACTTGACCCCTGAGAGAGCAAAGATGCGGTAACGGGGCCGAG  
CCAATTGTGACGCCTCCCTGATTGTGACCGAGGAGCTGCACCTGATCACCTTTGAGACTGAAGTGTATCA  
CCAAGGCCTCAAGATTGACCTTGAGACCCACTCCCTGCCAGTTGTGGTGATCTCCAACATCTG  
>GBEQ2691 |RC|Acc|BM735394|Ver|BM735394.1 GI:19056727|MONO1\_20\_B09.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:685  
GGCCCCCCTCGAGACTAGTTCTCTCCCTATGGCTCGCGTCTGGCGCTCGTCTGCTCGGGCTACTCTC  
CCTGACTGGCCTGGAGGCGCTCCCGCGTGTCCGAAGGTTTACGTTTACTCACGTCACCCAGCAGAGAAT  
GGAAGCCAAATTTCTGAAGTCTATGTCTCTGGGTTCATCCGCTGAGATTGAAATTGATTTGCTAA  
AGAATGGAGAGAAGATGAAAGTTCGACCGGTGACGCTTTTTCAGCAAGGACTGGTCTTTCTATCTTCT  
GGTCCATACTGACTTTACTCCCAATGGTGTGGATGAGTATAGTTGCCGTGTACAGCACTCTACTCTCAA  
GACCCCTGATAGTTAAGTGGGATCGAGACCTTAACCAGCATCATGAAGGCTTGAAGATTCCCTCATTTG  
GATTTGACTAGTTCCAAATTTGTGCTTACTCTTAACTACTTACATCTTTTATGCACATAAATC  
AGGAAGCTGTACTGATCTTAATACAAATATTAGCTTCTTTATACTTACTTTGGCCGCTATGTCTCCTT  
GTTTGACCTGTGTGGGAGGTAGCTAGAGGGAGATCCTGGCAGCTTAGAAGTGGGTGGGAAAGAATTCAC  
ATGTTAAACATGAACATTTTGGTCAGATATGAACCTCTTCAAGTTTCTGTGCACA  
>GBEQ2692 |RC|Acc|BM735373|Ver|BM735373.1 GI:19056706|MONO1\_20\_C08.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:533  
GGCCCCCCTCGAGACTAGTTTCGGAGCATGGCCAGCCTACAGACCCCGCTCCTGGCTGCCCTCATCCTCCT  
CGCTATGGTAATTCAGCAACCCAGGCAGGCCCTTACGGCGCCAATGTGGAGGACAGCGTCTGCTGCCGC  
GACCACATCCGTACCCCGTGGCCGGGCGAATGGTGAAATACTACTATTGGACTTCAGACTCCTGCCGGA  
GACCTGGCGTCTGCTGCTAACCTCAGGGGCGGAGATCTGCGCTGACCCAGACAGCCCTGGGTGAA  
GAAGATTCTCCAGAAGCTGGACAAGTGAGGAAGGGCCCTGCCTGACCACACGGCCTTGGACCCCCAGGA  
AGACTAACGGTCTGCTCCCTGCCGTGCGAGCGCTCCGCAGCAGAGCCCGTGGCAGGGCCTCTCCCT  
GCAGCCCCGTGCTCTCCGTCCCGGCAACTGTCACTCAGCCAGCCCTCCACACTGTCCCTTGCATCTCCCC  
TTCCCCCTCCAGCCATCTGTGTCCAGGTAGTCCGCTCGTGC  
>GBEQ2693 |RC|Acc|BM735295|Ver|BM735295.1 GI:19056628|MONO1\_18\_G03.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:653  
CTGGTCCGAGTGGGGCTCTGCGCAGGTGCACCCCTGGCCTGAGTGTCTGACATCAGTCCGAACATGAACA  
AGGCTTTGGCTTAACACAGACCTCTAGATTGCAAGGGCCTACATGACGAGATGGAACAGAAAGATGGCCGA  
GGAGGGAAGACCCCGAGAGAGCAGAAAGCTGCCTGATTGAAAGCTAGCGAGCTGACCGCCGAGGCGTGT  
TGGACAGAGTGTGTCTGAGCTGCAGTCCCGAGCCTCTGCTGCCCTGTCTGTTGACTCTACCCCCCTG

AAAATATGTGGGACCAATTTTTTTTAACTCTGCCTATTTGTGTTTGGGTGGGCTTACTCTCTTGTATTCT  
TGTCTGAGACAGTGGGCGAAGCTCTTCATTTGGGGGGGAGAAGAAAAAACTGTTAGAACCAACGCCAATGA  
CGTTTTTCGTTTGTAACTTGAATTTATTTTTTTTATTATTTTATAGCAGATGTGCTATTTATTTATTT  
AATATGTATAAGGGAGCCTGAAAATAGAAAGCTGTATAGATTGGGTGTAGTCGTTTCGTTGGTTTGGGGGC  
CTCTTACGTGTGACACATGACTTCTCTGTGTTCTGTACATTTGTCTGAATTAATTATCCGGGATGAAGCT  
GTGCCAGCTTTCCA

>GBEQ2694 |RC|Acc|BM735209|Ver|BM735209.1 GI:19056542|MONO1\_17\_G06.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:645

GCTGGGGAGACCGTCTGGCTGGGCACCCCTGTTCCCAGCATCTCTGCTTCCCCACCATTCCTGTCA  
CCCACCTCATTGATTCACAGCAAACTCCTAACCTTAGCGATGGTTTGGGAGACGGGGGTTGGATAGC  
ATCCTCTTTCTTGGCCCTTCTTATCCTGGGAAAAGAGGTTCCCTTCTTGTGTGTCTCTTCTCTCCA  
CTCCTAATTCCTTCTGCTGTTTGGGAAGAACGTGGAGGAAAAGCTGATTTCTGCCCCACTGCTCTTACGC  
CCCACTGTAGTGGCCTTTGGAGATGCCCCCTGCCTCCCCACCAACCTTCTTGTGTGTTGGAGAGAAGGG  
GCCCTCTAGCACAAAGTTGCATTCCTCCCCCCCCAGCCATAATTTATTCTAATTTATTAACCTTCGG  
CCCACCCATCTGAGAAGGGAGTGTGTGCCCTCACGGCAGCCCTCTGGTGCAGGCTGGGGCTGTGGAG  
CAGCTACCCCTGGCCCGCCAGCCCTGTACAGCCTGAGAGGGGAGAGGGCTTGGGTCTGCCCCATTGGA  
GGTTGATTTTGTGTTTATTTCTTGTCTTGTGTTTGTGTCTCTGGTACTTGTCTGAGAGAGAAAAGA  
AATGTGAGCAAGCA

>GBEQ2695 |RC|Acc|BM735195|Ver|BM735195.1 GI:19056528|MONO1\_17\_H10.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:8:Stop:621

GGATTCAAAGTGTTTATTAACAAAGCCTCCGATTTACCAAGTTTGGTGTAACTCCAAATTAGCAACCA  
AACCAATCTCCCTGGATTTTCCACCTTAAAACTGTCTGCTTCCCACCTTTTGGAGGGTGTGGATAGGA  
GTCTTAAATTTATCTTAGTGAAGAAACAGGCTGCCGACCAAGTATTTCTCGGATAGTGTGCCGTGGCACA  
GCCTGGCTCAAGCCTTGCAGATGCTCGATGAGAGAGAAAGTATCAATGAGACGTGAACGAATAGCATCAG  
CTCGGGGCAGTTGCATGTGTCCCGCTTGGTGATAAGTGGCCATGTCTCGCCGCCATGCACCTCCGCCGCC  
TAGCCTGTCTCCCGGGCGTGGCGCTGCTCCTCGCCGCCGCCCGCTCGCCGCTGCCCTCCGACGTGCTGGA  
ACTCACGGACGACAACCTCGAGAGTGCATCTCTGACACGGGCTCTGCGGGCCTCATGCTCGTCAAGTTC  
TTCGCCCCCTGGTGGGCCACTAAGCCCGGGCGGGGAGGAAGGGCCAGGCTGGGGCGAAGGCGCGGGAA  
CTGTTGGGCTACGCGAGCGGGTGCCCTCCACCATTCTGCGGGCCCCGGCTGC

>GBEQ2696 |RC|Acc|BM735111|Ver|BM735111.1 GI:19056444|MONO1\_16\_G02.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:646

TCACCTCAGGAGGATAAACAGCTTGTGCAGAAAAAGATGGAAGCTCTGAAAGCCGCCCTTCCCTGCTCTG  
GCCTGGGCATCTCAGAGGAAGAGCGAGTGCAGATCGTCAGCGCCATGGGTTATCCTCGTGGCCACTGGTT  
CAAGTCCCCCAATGGCCCATCTATGTGATTGGCGATTTGTGGGGAGCCATGCAGAGGGGCACATGCTCCT  
GAGTGTAAAGGAAGTGATTGGGGCGTAAATCATACTCTGGAAAGGAGCAACCAGCTTGCTTCTGAAATGG  
ATGGAGCCCAGCATGCTGCTGGTCTGACGTAGCCAATAACCTGATGAACCTTTGAGGAGATCCAGAGGAT  
GTTGTAGGAAGATGGCATAACCGTGCCTTTTGCCCTGGCCACCATATGGCTGGGGTGGGCTCCCTTATGA  
AGGAACCGAAGTTTTCATTATCGTCTTGTAGTCTTAGTACCTATTTAAAGGTCCACTTTTAGGGCTTAC  
CCACATTTGTTTCTAGATTTACCCCTGCGCTAGACTAAGCACTTTACTTCCAGAACTGAGAGGAAAGTTA  
ACAGATTTCTCTCTTTTCTCTCTGCAAGTTAGTGGACAGATTCCCCAGAGCATGCTTTGGGCTTCCA  
CCGAGGG

>GBEQ2697 |RC|Acc|BM734994|Ver|BM734994.1 GI:19056327|MONO1\_15\_C02.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:7:Stop:601

GCCCCCCTCGAGACTCATTACCTGAATGAGCAGGTGAAAGCCATCAAAGAATTGGGTGACCACGTAACC  
AACCTGCGCAGGATGGGGGCCCCGAATCTGGCATGGCAGAGTATCTCTTTGACAAGCACACCCCTGGGAG  
AGTGTGACGAGAGCTAAGTCTCAGGCCAGCTTCCCTAGCCACCGGGTGACCTCCCTGATCCACCGAGGC  
AGTGCATGCATGTTGGGGTTACCTTTACCTTTTCTATAAGTTGTACCAAAACATCTACTTAAGTTCTTGG  
ATTTGTACCATCTCTTCAAATAAAGTAATTTGGTACCCAAAAAATAAATAAATAAATAAATAAATAAATAA  
ATTTCGGCACGAGGGAATCTAGGGGTTTTTTTTTAATGGATTGTTTTTCATCAAATGAAGGATTGAAATA  
GATTAACATTTTCTTATTATCAAAAAGCAAAATTATGAGGCCGCCCTGTGGCCGAGTGGTTAAGTTCCGCTG  
CTCCGCTTACGCGGCCAGGGTTTACCAGGTTCCGATCCTGGGCAAGGACATGGCACCCTCGCTCATCA  
GGCCATGCTGAGGCAGCATCCACATGCCACAAC

>GBEQ2698 |RC|Acc|BM734971|Ver|BM734971.1 GI:19056304|MONO1\_15\_E06.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:661

TTTTTTTTTCTCGGCGGGGCGCGGCGGCAGCGGCCGTGGTGTGTTGCTGACTATCCGGTTCCATCCT  
CGTCGCTGCGGGGACACCCGCACTCGCCGCCGCATGACCGAACAGATGACCCCTCGTGGCACCCCTCAAG  
GGCCACAACGGCTGGGTAAACCCAGATCGCTACCACCCCGCAGTTCCAGACATGATACTGTGCGCCTCGC

GAGACAAGACCATCATCATGTGGAAGCTGACCAGGGATGAGACCAACTACGGCATCCCACAGCGTGCTCT  
TCGAGGTCACTCCCACCTTGTAGTGACGTGGTGATCTCTTCAGATGGCCAGTTTGCCCTCTCAGGCTCC  
TGGGATGGAACGCTTCGCCTCTGGGATCTCACAAACGGGCACCACCACACGCCGATTTGTGGGCCATACCA  
AGGATGTGCTGAGTGTGGCATTCTCCTCTGACAACCGGCAGATTGTCTCTGGCTCCCGAGATAAAACCAT  
CAAGCTATGGAATACTCTGGGTGTATGCAAATACACTGTCCAGGATGAGAGCCACTCGGAGTGGGTGTCT  
TGTGTCCGCTTCTCACCAACAGTAGCAATCCCATCATTTGTCTCCTGTGGCTGGGACAAGCTAGTCAAGG  
TGTGGAATTTGGCAAACGCAAGCTGAAGAC

>GBEQ2699 |RC|Acc|BM734968|Ver|BM734968.1 GI:19056301|MONO1\_15\_F05.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:5:Stop:154  
AGGCCAGCTTCCCTCAGCCACCGGGTGACCTCCCTGATCCACCGAGGCAGTGATGCATGTTGGGGTTAC  
CTTACCTTTTTCATATAAGTTGTACCAAAACATCTACTTAAGTTCTTGATTGTACCATTCCTTCAAAT  
AAAGTAATTT

>GBEQ2700 |RC|Acc|BM734902|Ver|BM734902.1 GI:19056235|MONO1\_14\_E04.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:33:Stop:686  
AGGGCAAGGAGATCCTGGTAGGTGATGTGGGCCAGACCGTAGACGCCCTACGCCACCTTTGTCAAGAT  
GCTGCCAGATAAGGACTGCCGCTACGCCCTCTATGACGCAACCTACGAGACCAAGGAGAGCAAGAAGGAG  
GACCTGGTGTATCTTCTGGGCCCCCTGAGTCTGCACCCCTTAAGAGCAAAATGATCTACGCCAGCTCCA  
AGGACGCCATCAAGAAGAAGCTGACGGGGATCAAGCATGAATTACAGCAAACTGCTACGAGGAGGTCAA  
GGACCGTTGCACTCTGGCAGAGAAGCTGGGGGGCAGCGCCGTCTATCTCCCTGGAGGGCAAGCCTTTGTGA  
GCCCCCTCCAGCCCCCTGCCTGGAGCATCTGGCAGCCCCAGACCTGCCACAGGGGTTGCAGGCTGCCCC  
CTTCTGCCAGACCGGAGGGGCTTGGGGGATCCAGCAGGGGGAGGGCAATCCCTTCAACCCAGTTGCCA  
AACAGCCCCCCCCGCCCCCTGGACCTTCTTCTCCTCCATTCTGACGGTTCTGGCCTTCCCAAACTGCTT  
TTGATCTTCTGATTCTCTTGGGTTGAAGCAGACCAAGTTCCCCCGGGCACCCAGTTTGGGGGGGGCC  
TGTATTTTTTTTTAACGACACCCCA

>GBEQ2701 |RC|Acc|BM734876|Ver|BM734876.1 GI:19056209|MONO1\_14\_G10.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:673  
AGCTGGTTACACCTTTGGGCAAGAATTTCTGAGACATTTAATCATGCCAATGGCCTCAGCTTGGTGTCTA  
GAGCTCACCAGCTGGTGATGGAGGGATATAACTGGTGCCATGACCGGAATGTAGTAACAATTTTCAGTGC  
TCCAAACTATTGTTATCGCTGTGGTAACCAAGCTGCAATCATGGAACCTTGATGATACTCTAAAATACTCT  
TTCTTGCAGTTTGACCCAGCACCTCGCAGAGGCGAGCCACATGTTACTCGTCGTACCCAGACTACTTCC  
TGTAATGAAATTTTAACTTGTACAGTATTGCCATGAACCATATATTGACCTAATGGAAATGGGAAGAGC  
AACAGTAACCTCAGAGTGTGAGAGAATAGTTAACATTCAAAAACTTGTTTTACACGGACCAAAAGATG  
TGCCATATAAAAAATACAAAGCCTCTTGTGTCATCAACAGCCGTGACCACTTTAGAATGAACAGTTTCATTGC  
ATGCTGAAGCGACATTGTTGGTCAAGAAACAGTTTCTGGCATAGCGCTATTTGTAGTTACTTTTGCTTT  
CTCTGAGAGACTGCAGATAAAGATGTAAACATTAAACCTCGTGAATACAATTTAACTTCCATTTAGC  
TATAGCTTTACTCAGCATGACTGTAGATAAGGAT

>GBEQ2702 |RC|Acc|BM734868|Ver|BM734868.1 GI:19056201|MONO1\_14\_H04.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:585  
CCGGGCCCCCCCCGAGCTCTGAGTTACCCAGTACCCCTCCCGAATGGACATCTTGGTCTTTTTCTCA  
GGTCTGAGGGGAGCCATTTTTGGTGTGATAAAGACCCCAACTGCCTTTTTTTGTGTGTATGGGGAGGAG  
GTATGTTGGAATTTCTCTCTAACCTCCTTGGACTGTATTTCCCTCCTCAAATTGCTCCTCGTGTCTGG  
GCTCATATCTGTCCACCTTTCCACATGGTCCAGGCCTTGGCAGAAAGGAAGGAAGTGCATGTTTGGGAA  
CTGGTATTACTGAAACTAATGTTTTAACCTCCTCGACCACAGCGTCCCTCCTCTCCCCAAGGTGAAGT  
GGAGGGTGTGCGGTGAGCTGGCCACTCCAGAGCTGCATTGCCACTAGAGGAGTCAGACTACCATGACA  
TTGCAGGGAAGGAGGGCAGAATTTTTTCTAGTTTTTAAATTAGGGTGTGTGGGGGGCAGGGAGTTTTCT  
ATAAACTGTATCATTTTCTGCTGAGGATGGCATGACCCATCCTTTTAATCAAGGTGATTGTGATTTTGAC  
TAATAAAAAGGACTTTATAAAAAA

>GBEQ2703 |RC|Acc|BM734851|Ver|BM734851.1 GI:19056184|MONO1\_13\_B05.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:40:Stop:682  
GAAGAGATGCTGCCGATGGGATCCAGCACTCCCATCGCATGCTCAGCTTCAGCGACGCGCTGCTGTCCAT  
CATCGCACTGTGATGATCCTGCTGTGACCCACACCCAGATCTCCCCGGAACAGCCATTTGACAAAGGT  
GTACAGAAACTTCTAGCAACCAAGGATTGCCGTCTACCTGATGACGTTCTCATCGTGACCGTGGCCTGGG  
CAGCGCACACGAGATTGTTCCAGGTTGTTGCAAAAATAGACGACACGCTTGCCCTGCTCAACCTGGCCTG  
CATGATGACCATCCTTCTCTGCCATTACGTTTTCTTAAATGGTGACCTTCCAGAGGTGCCCCCTGGGC  
ATCTTCTGTTCTGTGCGTGATCACCATCGGGGCCGTGCAGGCGCTGATCGTGGTGTATGCGTTCC  
ACTTCCCCCACTCTGTGAACCCAGATAGAGCATCGCCCCACAGGGCCCTCTACCGGCAGCATCCT  
GGGCATCATCTTCCGGGGCCCCGCACTATGCTTTGCAGCGGCCGATTCTCCCTGTTCTTCTACCCAGCG

GCCCCCGGAAGTCCCAGCTCCCAGCGTGGAGTTCTTCACTTTTCGACCTGCACGAGCCTCTCAGCAAGGA  
GCGGGTGGAGGCC  
>GBEQ2704 |RC|Acc|BM734844|Ver|BM734844.1 GI:19056177|MONO1\_13\_B07.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:3:Stop:697  
GGGCCCCCCCCCTCGTGCCGTTCTTCTGCTGGGAGCGATGATGTTTATAAGCACATCAAAGAAGCAGGCAT  
GTTTGCTCCAACACAGAGGACAGAAGGTATCTCCACATCAGACATCATCACCGAATTGTCCGGGACTAT  
GATGTGTACGCGAGACGGAACCTACAGAGGGGTACACAGCCAAGGAGCTCAATGTCAGCTTTATCAACG  
AGAAGAAATACCACTTGCAGGAGCGAGTTGACAAAGTAAAGAAGAAAGTAAAGATGTGGAGGAAAAATC  
AAAAGAATTTGTTTCAAGGTAGAGGAAAAAAGCATTGACCTCATTCAGAAAGTGGGAAGAGAAATCCCGA  
GAATTCATTGGAAGTTTCTTGGAAATGTTTGGTCCAGAAGGAGCAGTGAACATATGCTGAAAGAGGGGA  
AAGGCCGATGCTGCAGGCCATCAGTCCAAAGCAGAGTCCAGCAGCAGCCCCACTCGTGAACGCTCCCC  
TTCCCCCTCTTTCCGATGGCCTTTCTCTGGCAAGACTTCCCCGCTTCTCCCCAGCAAACCTCTCCAGG  
CACAAGGCTGCAGCCTATGATATCAGTGAGGATGAAGAAGACTAATTTTTCATCCCTCCTTTCTCTCTCCC  
CTCCCTCTGTCCCTCCAGAGCTCTTTGTTGATTCGAAATTCGATCCCAACACTAAA  
>GBEQ2705 |RC|Acc|BM734807|Ver|BM734807.1 GI:19056140|MONO1\_13\_F11.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:700  
CGGGCCCCCTCGAGATCGAGACCATCAGAAGAACGTGAATGGGATAGAGAAAAAGAGAGAGAGAGAGAG  
ACAGAGAGAGAGATGGGGATCGAGAGGATCGCTTCAGACGACCCAGGGATGAAGGTGGCTGGAGAAGAGG  
ACCAGCTGAAGAATCTTCTAGCTGGAGAGATTTCAGTCCGCGTGACGATAGGGATCGGGATGACCGTCGT  
CGTGAGCGAGATGATCGCCGTGATCTGAGAGAAAGACGAGATGACAGAGACCGAAGAGGACCTCCTTTGA  
GATCAGAACGTGAAGAAGCAAGTTCTTGGAGACGTGCTGATGACAGGAAAGATGAGCGGGCGGAAGAGCG  
GGACGCCCTCGTCGTGTTCTCCCCAGCTCTTCAAGAGACCGAGAAAGAGACCGAGACCGAGACCGA  
GAAAGAGATGGCGAGAAAGAGAGAGGCTCATGGAGAGCTGAGAAAGATAGGGAATCTCTTCGTCTACTA  
AAAATGAGACTGATGAAGATGGATGGACCACGGTACGACGTTAAGTCTCAAGATAATGGGTTTCAACTCA  
TGTGTCACATAGGTTTATGATCATTTCGCGGATTATTAGACTTGTGCTTCAACAGTCTAAATTTGATTTCT  
>GBEQ2706 |RC|Acc|BM734803|Ver|BM734803.1 GI:19056136|MONO1\_13\_G01.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:266  
ACTAGGGGCGAAACAGAACCGGCCATGGCAGCAGCGGAGGAGGACGGGGTACCTGAAGGGCCAAACC  
GCGAGCGGGGCGGGGCGGGCGGACCTTCGAATGTATATATGCTCTGGAGACTGCTCGGGAAGCTGTGGT  
CAGTGTGTGTGGCCACCTGTACTGTTGGCCCTGTCTTCATCAGTGGCTGGAGACACGGCCAGAGCGGCAG  
GAGTGCCCGTGTGTAAAGCTGGGATCAGCAGGGAAAGGTTGTCCCCCTCGTGC  
>GBEQ2707 |RC|Acc|BM734736|Ver|BM734736.1 GI:19056069|MONO1\_12\_E05.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:686  
GGGCCCCCTCGAGATATGATGGAAACATTTCGACAAGCAACGGTTAAGTGGGCAATGCTAGAACAAATTA  
GAAACCTTCAACATGCTTTAAAGAGGTTATACACAAACATTTTACTTGAAGAGATTGAGATCATGGC  
CCAGTGTGAGGAGTGGATTGCAGACATCCAGCAGTACAGCAGTGATAAGCGGGTCGGCAGAACTATGTCT  
CACCACGCAGCAGCTCTCAAGCGTCACACTGCTCAGTCCGGGAAGAGCTACTAAAACCTCCCTGTCTTG  
ACGGCTTGGACCCTGACGCGGAAGATGCCTCGGAGATGTGCAGTGCCACAGCAGGAGCTGAGGAGACTCT  
GATGCACGATCAGGTCAAACCCAGCAGCAGTAAAGAACTTGCCAGTGACTTCAAATTATGAGCTGCGTTG  
ACCTGGACTTCATAGACACAAAGGCTTTGAAGCACAGCCAAATATGTCAATATTTGTATGTAAGAACT  
AATTATGTAATAGGTAATGAACTGAAACTATATACTATGCCCTTAAGGAGATCCAGTTTAATTCAAGGTGA  
TCTTTTATTTACCTGTACAAGAGTGTAACTTTTTTGTGCTTTTATTTTCAATTGTGAGAACCCTGATT  
GGTATGTTCAACAAATTTGTGTATACAAAGAAATGGATAAATCACTGATATATAAG  
>GBEQ2708 |RC|Acc|BM734729|Ver|BM734729.1 GI:19056062|MONO1\_12\_F03.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:3:Stop:617  
GGGCCCCCTCGAGACTAGTTCTCTCCGAGACGGAAGTGGACACCAGACTCCAGCCCTTTGTGGGCCC  
GGCTCCTGTGTGTCCACATCGTCTCCTGCCTGGTCAGAGCTACACCTCTACCTCAGGCCACCACAGCTAC  
CACTGTCTCAGCTGCGATCAGGAAGGACCCCTACCCCTCTTCGCCCTCAACGCTCCTAACAGCTAAGCGG  
TGTCAGCATTTGGAGGTGACCTTGCCAGAAGTGGAACTCCCACTGAATGGAAACGCTGACCTTGTCTGTGA  
CTGCCCTGCAGCCGCTTCCATCACTTCAGCATCCTCTACTGGCTGGGCAATGGTTCTTTCATTGAGCACCT  
CCCAGGCCGCTGCGGGAGGGCAGCATGAGCCGGGAGCAGGGGCGAGAAGCACCCAGCTGTGGAGAGCC  
TTGGTGTGGAGGAGCTGAGTCCCGCCCTGCGCAGCAGCAGCTTCTCTGTGTTTTACGGATCCTGAGC  
AAACTGTCCAGCGTCACTGTTGCTTGGCCAGCTCTGGGCTGGGCTGAGGACAGTCATGTCCCCGACTCA  
AGAAGCCCCACCTTCCAGCGGGTCCCCCTCTCTCTACCATCTGACAGGTGAAGT  
>GBEQ2709 |RC|Acc|BM734708|Ver|BM734708.1 GI:19056041|MONO1\_12\_H01.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:10:Stop:607



GGCCCCCCTCGAGGGGCGCACAGCCCGCGCTGCTGGTCTGAGAGTCCTGGTGCCCTGGGGCCCCGACC  
CCCCGAGGAACCTTGGGACCAAGCGGCAGGTGTACTTCCAGAGCGGAGGAGATCGAAGAGATCCGGAG  
GCTGGGAGCGTGAGGTCCGCGCCGAGCCGGGCAGCCCAACCCGCTTCTGGCGTTCTTCTCCAGGAGGA  
TGATCATGACAAATATAATCAAGAAATGTTTGATGAATGTAGAGCAGCTTTCTTTCTCATCAATCACATT  
TCCCATGATTGGAACCGGAAACTTGAGGTTTCCCAAAGCTATTTTGCTGAACATACTGCTTTCAGAAGTG  
TTCAAATTTAGTAGCAGTGAGTGGCTGAAAACCTTACAGGAAGTTCAACTTCTGGTACATCCAGATGATG  
AGGAAAGCCAACAGATATTTTTAGATGAATTCAGTAGACGGTTCGAACGGAAATCTCACAAGGATGGGAT  
TCTCGAGGCTGGAGATATGCAAGATATCTTCGGGGCTGTCTCTAACCCCTGAGTTTGGAAACATATGACATG  
AAAATTGGTGCGATTACTTTCCAGATTGCTTCTGGAGA  
>GBEQ2710 |RC|Acc|BM734702|Ver|BM734702.1 GI:19056035|MONO1\_12\_H07.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:673  
AAGACAGGACTGGCGGCCAGCCATCACGATTAAGCAGATCTTACTAGGAATACAGGAACCTCTAAATGAA  
CCAAATATCCAAGATCCAGCTCAAGCAGAGGCCCTACACAATTTACTGCCAAAACAGAGTGGAATACGAGA  
AGAGAGTTCGAGCACAGGCCAAGAAGTTTGACCCCTATAAGCAGCGACCTCGCGGCATCTAAAAGGAAG  
GGATTGGTTTTGGCAAGAACTTGTTCACACCTTTTTGCAAATCTAACGTTGCTCTGTACAATTACTAGTC  
ACCGGGGGAGGGTTGGACGGGCGCCATTTCCATTTCCGCCACTGGTACACAGTTCTCGACTCGCTGAAT  
TGCCAGATTTTTCATACAGGGTCTCTTCCCTCAGTCTTTTGTATTTTGATTGTTATGTAAAACCTTGCTT  
TTATTTTAATATTGATGTGAGTATTTCAACTGCTGTAAATATATAAATTTTATACTTCGACGAGCCGCC  
AGCGCTCGGTGCCCGCTCGCGGACGCGGCATGCTTCTCCCGTCAGCTGGGCGGCCCGCAGCTGGCTGCAT  
GAGGAAGGACCCCGCTGGCCCTCCCGCCGACCGTTCTCTCTGCAGAACCCGGGTTGTGTTGCTTACGA  
GCCCCAGATCCAAGTCAGCCAGCGCCTCGTCTCCGCATCACT  
>GBEQ2711 |RC|Acc|BM734701|Ver|BM734701.1 GI:19056034|MONO1\_12\_H10.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:4:Stop:651  
ACTAGGCTGCAAGAATGGCAGATGATAAGGCATCTCCAGTGGAAAGTTCTTGAAAATTGATGAAGAATA  
CCACATAGATGAAGATGTGGGCTTTGCTCTGCCAAATCCACTGGAGGAACCTCACCTTATGATGAC  
TGGATTTCATTGCTAAAAATCTGCCAGCACTGATTGAGAAGGACCAGTTACGTGCAGAAAGTTGAGAAGT  
TAAAGATGCTCAGCATTTGATGACCTCAAGGGCCAAAGGTCGACGCGCTGGCACATCTGGCCCTGGGGTA  
TATCACCATGGCATATGTATGGAATAAAGGTGATGGAGATATCTGTAAAGTCTGCCAAGCAATATTGCT  
ATTCCTTACTGCAGACTCTCTGAGAAGCTGGGACTGCCTCCTATTCTGGTTTATGCAGACTGTGTCTTGG  
CCAACTGGAAGAAAAAGGATCCCAGCGGGCCCATGACTTATGAGAACATGGACATTCTGTTCTCATTTCC  
TGGTGGGACTGCGGTAAAGGATTTCTTCTGATTTCTTACTGGTGGAACTAGCAGCTGCTTCTGCAATC  
AAAGAAATCCGATTATATTCAAAGCAGTACAACATCAGGACCAGGACACTTTGCAAAGGCACTGATTG  
ATATAACTTCTTGTCTAC  
>GBEQ2712 |RC|Acc|BM734543|Ver|BM734543.1 GI:19055876|MONO1\_9\_H08.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:28:Stop:647  
GAAGAGACGAAGCGGTTGTGGCCGCTTGCCGACCTCTAGCAGCCCTCGGCTTCTTCACGTAGAACC CGG  
GAGTGGGAGATTGAGAAATCGAATCTTCTCCCTCACCTTCTGTTTTCGGCTTTGTGAGAAACCTTA  
TCATCAAAAACAATGGCCAGCAATGTTACCAACAAGACAGATCCTCGCTCCATGAACCTCCGTTGATTCA  
TTGGGAATCTCAATACTCTTGTGGTCAAGAAATCTGATGTGGAGGCAATCTTCTCGAAATATGGCAAAAT  
CGTGGGTTGCTCTGTTTATAAGGGCTTTGCCTTCGTTTACGTACGTTAATGAGAGAAATGCCCGTGCTGCT  
GTGGCAGGAGAGGATGGCAGAAATGATCGCTGGCCAGGTTTTAGATATTAATCTGGCTGCAGAGCCAAAAG  
TGAACCGAGGAAAAGCAGGTGTGAAACGATCTGCAGCGGAGATGTACGGGTGAGTACCAGAACACCCCTTC  
TCCGTCCCCTCTACTCAGCTCCTCTTTTGAAGTTGGACTATGACTTTCAACGGGATTATTATGACAGGATG  
TACAGTTACCCAGCAGTGTTCCTCCTCCTCCTCTATTGCTCGGGCTGTAGTGCCCTCA  
>GBEQ2713 |RC|Acc|BM734465|Ver|BM734465.1 GI:19055812|MONO1\_9\_B09.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:6:Stop:650  
AGAGGGGCGGTTGAGCCCCAGCGACATGCCTCTCCTGGAATAAAGGACATCGTTCTTCTACCTTTGTGAT  
ACCTGTACTACACTCTGGGCTTTCTGGAATCTTCCCTTTGGCTTGCCAAACCTTCCAGAAACACGACT  
TCTGTTACAGACTAGCTTCAATTTACGAAATAGCAGTTCCCGAAGTGGAGTCTGCAATTAAGAGAGGAG  
GCTTGAAGATAGCAAGCTGCTAGGTGACTTGTGGCAGAGGCTCTCCATTCCAGGAAGAAGCTACTGGAA  
ATTTTTCACATCCTCATATAACAGATCTGCCTTCTCCCGTCTTGGAAAGCAGCTGTGACAACATTCAGG  
GCTTCATCGAAGAGTTCTTTCAGATCTTCAGCTCCTTGCTTCAGGAGAAGAGGTTCTCCGGGACTATGA  
CGCGCTCTTCCCTGTGGCCGATGATGTCAGCTTGTGTCAGCAGGCTCATCAGTCTTGATGAGACACGG  
ACCACCTACATCCTCCAGGCGGTGAGAGTGCATGGGAAGGGGTGACCGAAGGAAAGCTGCAGATGCTA  
AAGACCCACGGTGGCCGGGATCCTAACGGGTTGTGGTGACGGCGGAACAGTTAGTGAATGGCTTC  
ACATCCAGAGAAGCTC  
>GBEQ2714 |RC|Acc|BM734474|Ver|BM734474.1 GI:19055792|MONO1\_8\_A04.g1\_A005 Monocytes

(MONO1) Equus caballus cDNA, mRNA sequence.:Start:5:Stop:467  
ATTTTTATCTGCCTCTTCATTACGTAGGACGCGGCTCTACTACGGCTCTTACACATTCCCTAGAGACA  
TGAAACATTGGAATCATCTACTTTTACAGTTATAGCTACAGCATTATGCGGCTATGTCCTACCATGAG  
GCCAAATATCCTTTTGAGGAGCAACAGTCATCACGAACCTCCTATCAGCAATCCCTACATCGGTACTAC  
CCTCGTCGAGTGAATCTGAGGTGGATTCTCAGTAGACAAAGCCACCCTTACCCGATTTTTTGCTTTCCAC  
TTCATCCTACCCTTCATCATCACAGCCCTGGTAGTCGGGTGAGGCAGAGGTTCTGGAAAGGGTCTCTGTCT  
TCTGGGCTGTTCTGTGGCCACAGGCACATGGGGCAGAATACCCAAGCTGGCCCCCAATGCCCTGCA  
TACACACAACACACTCTCAGTGATTCTCATGTAAGCTGCACCC  
>GBEQ2715 |RC|Acc|BI961888|Ver|BI961888.1 GI:16320091|MONO1\_7\_H09.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:539  
GCCATCACAGGAGCAGCACTGGCAGGGTGGGAACAGAGAGGAGAAATGCACTGGGTACAGGCCACAGTGG  
TCCAACCTAGAGGTTTCTTTCTGATGGACGGTGAATCACATTAATTGATTTTTGAGTGTTGAACCCCTT  
TTCATAGCTGGAATCAATCTCACTTGGTGTGGGTGATAATCTTTGTATACCTTTCTTGGATTCAATCTG  
TCAAATCTTGTGTTGATTTTTGCACCTATGTTCTGCGTAAACTTATTGGCCTGGAGTGTTCTCTTTTGTAA  
CATCTTTGTCTGGTTTTTGTATTAGGAGAATGTTGCTCGTGCCGAATTCGGCACGAGCGGCACGAGAGAA  
GTTGGTGTTTTGCCGGGCCCTGGTCTGAAGACGTGGTCCGGGTGGCCCCCTGGCCCCCTTCTACCCATCC  
CTCCACCCGCCCTTTCCTCTCTCTTCTGGCAGGATGAGGCGTGCAGGCCCTGGGTGAAGGAGTACCTCCT  
GGCAACTATGGGAACCTATGGCTACACTAATAGCGGGTATAGTGCCCTGTG  
>GBEQ2716 |RC|Acc|BI961814|Ver|BI961814.1 GI:16320017|MONO1\_4\_H09.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:475  
GACCGGCCAGGAGACGGTCGCCCCAGATCAAGGCTTATGTGGCCTCGTTGGAGGGCATCGCTGCAGAAGAT  
CAAGTCGTGCTCTTGGCAGGCACGCCCCCTGGAGGATGAGGCTACTCTGGGCCAGTGTTGGGGTGGAGGCTC  
TGACCACTCTGGAAGTAGCCGGCCGCATGCTTGGAGGTAAAGTCCATGGCTCCCTAGCCCGTCTGGGAA  
AGTCAGAGGTGAGACTCCCAAGGTGGCCTCGTTGGAGGGCATCGCTGCAGAAGATCAAGTCGTGCTCTTG  
GCAGGCACGCCCCCTGGAGGATGAGGCTACTCTGGGCCAGTGTTGGGGTGGAGGCTCTGACCACTCTGGAAG  
TAGCAACTATGGGCACTATGGAGTTAAGTCCATGGCTCCCTAGCCCGTGCTGGGAAAGTCAGAGGTCAGAC  
TCCCAAGGTGGCCAAGCAGGAGAAAAAAGGCTCGAGACCTCGTGC  
>GBEQ2717 |RC|Acc|BI961810|Ver|BI961810.1 GI:16320013|MONO1\_4\_H05.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:4:Stop:316  
CACATCTTCTTCCAGTGGTGGAGTTCAAGAACTGAACCAAGCAACATGATGTTGATACAAAGTGAACGGC  
ATTCCAGAATAATTTCTGAGGACCATGCCTCTTGAAGCATTCTCTGCCTCCTTATCTCTCTTTGTAAAC  
TATTTTTTAAATGTTCCCATTTGCTTATCAAAAATTTCTATACACTCTTTCCTCTGTGAGCTCTGGAAGG  
CCTATGCATCTTCTGTAGTGCCAGATAGGTACAACATTTCTAACTTACAAGATCTTTATGTAAGATACA  
TTCCATTTTTTAAATTAATCTGATTGAATCT  
>GBEQ2718 |RC|Acc|BI961723|Ver|BI961723.1 GI:16319926|MONO1\_3\_G03.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:127:Stop:643  
CATATTATTGAGGCTTACAAGTCCCAAGATCTGAGCAAACTAGAGACCCAGGAACGCTGATGGTGCAGGT  
CCAATTAAAGTCAAAAGGCAGGAGAAACCAATGTCCAGCTTGAAGGCAGCCAGGCAGGAGGACTTCCC  
CCATGCTTGTGAAGGGTGAAGCCTTTTGTCTCTTTCAGGCCTTCAACTGATTGGATGAGGCTCACCCATA  
TTGGAGAGGGTAATCTGCTTTACTCAGTCTACTGATTTAAATGTTAATCTCACCCAGAAACACCCCTCAGA  
GACAGACCCAGAACAGCGTTTGACCAAAGGCTTGGGCACCTGTGTGGCCAGTCACATTGATACAAAAA  
TTAACCAGGAGAAATCAGTCCAGGAGGAAATGAAAGGGTTTGATTAACACATGGCATTGTGTCTGC  
TTCAGAAGTGATGAGGGGAGAGGGAGCAGAGGGCTGGACGTGGGGAAGGCTGGTTTGCTGTAAAAAAGA  
ATGTGGTCTGTGGTGAGGCGGTTTTGT  
>GBEQ2719 |RC|Acc|BI961326|Ver|BI961326.1 GI:16319529|MONO1\_4\_A12.b1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:454  
CGGCCTGTCCGTCATTATCCCACATGTGGCCCGCTTCCAGCATCTGGCCAGCCTGCGGCTGCACTACGTC  
CATGGGGACTCACGGCAGCCCTCCGTGGATGCACCCCTGCAGAGTCCCCTGGAGAGCCTGGAGTTGGCCCTT  
CTGCGCCCTGCTGCTGAGGACCTGCGCTCCCTGGCAGGAGTCCCCATGCTGTCCACCTCAAGAAGTTG  
GACCTAAGTGGCAATGACGTCCAGGAGGACCTGGAGGCCCTTTCAGGGTCTGCTGCAGGCAGCAGCAG  
CCACACTGCTGCACCTTGAGCTGACCGAGTGCCAGCTTGGCGATACCCAGCTACTGGCCACACTCCCTGT  
GCTGACCCGCTGTGCCAGCCTCCGCTACCTCGGTCTCTATGGCAACCCATTGTCCATGGCAGGCCTTAAAG  
GAGCTCCTGCGGGACTCGGCGGCACAGCTCGTGC  
>GBEQ2720 |RC|Acc|BI961248|Ver|BI961248.1 GI:16319451|MONO1\_7\_H09.b1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:426  
CCTACCCATCCCTCCACCCGCTTTTCCCTCCCTCTTCTGGCAGGATGAGGCGTGCAGGCCTGGGTGAAG  
GAGTACCTCCTGGCAACTATGGGAACATAGGCTACACTAATAGCGGGTATAGTGCTGTGAAGAAGAGAA





TGTTAAATGCTCTGTTTTCATTAAATGTTAAGTTAAAGATTCTCTGTCTCCATTAAAGTTCAATATTTGA  
GATTGGGGGAAGCATTTGATTATTACTTATGTTTTGTAGAAAAGTAAGACAGGCTGATAGGAAAAAATCA  
GGTAAACTACTATGAAAAGGATGTTGTGTGCACCTTCTTCCATCTTCTATTATCTTCTTTTCATTCC  
>GBEQ2726 |RC|Acc|CD535466|Ver|CD535466.1 GI:31577881|LeukoN5\_4\_H07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_H07\_A027 3', mRNA  
sequence.:Start:1:Stop:621  
AAGTGGCCAGGTGGGCTTAAGGCACTAGTGAGACAAGTTAAAAGTGTAGGTAGCTTCCACTTTTGTGTTAC  
TTGATGCTTAATTTTACTGGAGTCATTAAAAGAAATATGCTTGCAATAAAAAAAGCCAATATTTCTG  
AGGCCAGTCTCGGTGTCCAGACTACAGCAGGACCCAGAGGGGGCAGAGAATCCACTGGGCGTGGATGAGT  
CTCTTTTTCAGCTACGGCCTTCGGGAAAGCATCGCCTCCTACCTCTCTCTGACCAGTGACGACAGCACCTC  
CTTTGACCGAAAGAAGAAAAGCCTCTCCTTGATGTACAGCGGAAGCAAGAGGAAGAGTTTCTTCTCGCCT  
CCACCGTACTTTGAAGACTAGCCCGACAGCAGACACCATGGTGTGTGCCAAAAGGAACAGAGGCTAGAA  
CTGTACCTGGGGTCTTACAGAGAGGCGAGGTCCCCTGGTCCCTGGGGAACCTCACGTCTCCAGAAGCCA  
AGAGAAGCCACGTGGAGACTTGACCTTGACATCTTCTCTATCCACACCATGACAAAAGGGTACCCATCCCTG  
GTGTCTGATCAGTACAGGACATCACGCAATGTTGACTCATGATGCGATCAGGCAACATTTT  
>GBEQ2727 |RC|Acc|CD535454|Ver|CD535454.1 GI:31577869|LeukoN5\_4\_G04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G04\_A027 3', mRNA  
sequence.:Start:1:Stop:506  
TTCACCTACGGAAACCTTGTTACGACTTTTACTTCTCTAGATAGTCAAGTTCGACCGTCTTCTCAGCGC  
TCCGCCAGGGCCGTGGGCGCAGCCCGCGGGGCGCGATCCGAGGGCCTCACTAAACCATCCAATCGGTAGT  
AGCGACGGGCGGTGTGTACAAAGGGCAGGGACTTAATCAACGCAAGCTTATGACCCGCACTTACTGGGAA  
TTCCTCGTTCATGGGGAATAATTGCAATCCCCGATCCCCATCACGAATGGGGTTCAACGGGTACCCGCG  
CCTGCCGGCGTAGGGTAGGCACACGCTGAGCCAGTCAAGTGTAGCGCGGTGCAGCCCCGACATCTAAGG  
GCATCACAGACCTGTTATTTGCTCAATCTCGGGTGGCTGAACGCCACTTGTCCCTCTAAGAAGTTGGGGG  
ACGCCGACCGCTCGGGGGTTCGCGTAAGTCTAGTATGCCAGAGTCTCGTTCGTTATCGGAATTAACAG  
ACAAATCGCTCCACCA  
>GBEQ2728 |RC|Acc|CD535333|Ver|CD535333.1 GI:31577748|LeukoN5\_2\_G04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_G04\_A027 3', mRNA  
sequence.:Start:1:Stop:736  
GGAATGGGACATTTAATTGTCTCTAGGGTGGTCCAGGTTGGGGATTGCGGGGCCCTTTGGCAGAGCCCTG  
GCTAATGGAACCAACATAGGTGCCCATCAGCCAGTGTGAGGAGGGTGGCAGCCCCAGGGCCTGGCTGAG  
GACAGCCAGCACTTGGGCTGTTGCTTAAGACAATTTCTGAGACTAGTGGGTAAGGAATGTGGCCTTTGAA  
TGGGGTTCAACGGGTTACCCGCGCCTGCCGGCGTAGGGTAGGCACAGCTGAGCCAGTCAAGTGTAGCGCG  
CCTGCAGCCCGGACATCAAGGGCATCACAGACCTGTTATTGCTCAATCTCGGGTGGCTGAACCGCACT  
TGTCCCTCTAAGAAGTTGGGGGACGCCGACCGCTCGGGGGTTCGCGTAAGTCTAGCATGCCAGAGTCTC  
GTTTCGTTATCGGAATTAACAGACAAATCGCTCCACCAACTAAGAACGGCCATGCACCACCACCCACGGA  
ATCGAGAAAGAGCTATCAATCTGTCAATCCTGTCCGTGTCCGGGCCGGGTGAGGTTTCCCGTGTGCGTC  
AAATTAAGCCCGCAGGCTCCACTCCTGGTGGTGCCTTCCGTCAATTCCTTTAAGTTTCAGCTTTGCAACC  
ATACTCCCCCGGAACCCAAAGACTTTGGTTTCCCGGAAGCTGCCCGGCGGGTTCATGGGAATAACGCCGC  
CGCATCGCCAGTCCGCATCGTTTATGGTTCGGAACCA  
>GBEQ2729 |RC|Acc|CD535173|Ver|CD535173.1 GI:31577588|LeukoN5\_1\_A01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A01\_A027 3', mRNA  
sequence.:Start:1:Stop:408  
TCAAAATTCTGTGACAAATTTTGGTCAAGTTGTTTCCATTAAAAAGTACTGATTTTAAAAACTAATAAC  
TTAAACTGCCACACAAAAACCAATGGTCCACAAAACATTCCTTCTCTGTAAGGTTTACCATG  
CATTTGTATCATTAACAGACAAATCGCTCCACCAACTAAAAACGGCCATGCACCACCACCCACGGAATC  
GAAAAAGAGCTATCAATCTGTCAATCCTGTCCCTGTCCGGGCCGGGTGAGGTTTCCCTGTTGGGCCAAA  
TTAAGCCGCGAGGCTCCACTCCTGGGGGGGCCCTTCCGTCAATTCCTTTAAGTTTCAGCTTTGCAACCATA  
CTCCCCCGGAACCCAAAACTTTGGTTTCCCGGAAGCTGCCCGGCGGGTTCATGGGAATAACGCCGC  
>GBEQ2730 |RC|Acc|CD535170|Ver|CD535170.1 GI:31577585|LeukoN5\_1\_D07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_D07\_A027 3', mRNA  
sequence.:Start:1:Stop:602  
ACTTCCAATAAAATGTAGAGATCCTTCTGGTCTCAAAGACAAAACCTTTCAACATTCATCAAGAATG  
ACGTTTGTGGGCAGTGTGGTGGCATGTGGTTAAGTTCTGTGCTCCACTTCAGTGGCTTGGGGTTGG  
CAGGTTCAAGTTCTGGGCACGGACCTAGCACTGCTCGTCAAGCCACGCTGTGGCAGCATCCCAGATAAAA  
TAAAGACTGGCACAGATGTTAGCTCAGGGCCAATTTCTCACACAAAAAATGAATGATGTTTGCCT  
ATTAGACATTATTGAAAGAAATCAACGATGACATAAAGAAATGGAAGACATTCCATGCTCATGGATCAG

AAAAATATAGTTAAAATGTCCATACTTCCTAAAGCAATCTACAGATTCAATGCAATGCGAATCAGAATCC  
CAATAACATTCTTCTTGGAAATAGAACAAAGAATACTAAAATTCTATATGGGGCAAAAAAGACCTTGAA  
TAGCTAAAGCAATCCCGAGAAAAAGGAACAAAGCTGGAGGCATCACAAATCCCTGACTTCAAAATATACTA  
TGAAGCTATAGTAATCAAAACAGCATGGTACTGGTACAAAAA  
>GBEQ2731 |RC|Acc|CD472153|Ver|CD472153.1 GI:31393421|LeukoS6\_1\_G01.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_G01\_A028 3', mRNA  
sequence.:Start:1:Stop:609  
GGACTTTTATTCTGGTGAGGGGATGGGGAGCCCAGATTCTTCTCTGATGAGGCAATTCCTTCTCAAAAG  
AGTCAGGATTCTGTTCTGGTGAAAGGTAGGGAGTGAGAGCTAGAATCTTATTCTAAAAAGAAAGTAGA  
GAAGATTTTTTCCCTGATAACAGAATGAAAAGTAGAGCTCCTAGTTTGCAAAAGGGTGGAAAGAGGCA  
TGACTTGTAATTCAGTAAGGGGATAGGGAAGGAATCCAGGCTATTACTCTGTAAAGAAAGTAAGGGCCA  
GGGCTCTTATTCTAGTGAGGAGATAGAAAATCAGGGCTTATATTCAATAAGAGTGGGAACAGCCAGGAGA  
ATGCTTGGCAAAAGCCTTGTAACAGTGAGGTGCTGGTGGAGGCTTTTATTCTGGTAAGAGGACATGGACT  
CTCTCTCCCTCAGGTAACGTGCGCCCTGTACCAACGGGGAGGCTGGTGGTACCATGCTGTGCCACTCC  
AACCTCAACGGTGCCTGGCACCGGGGTGGCCACTACCGCAGCCGCTACCAGGACGGCGCTCTACTGGGCGG  
AGTTTCGTGGTGGCGCTTACTCTCTCAAGAAGGCTGCCATGCTGATCCG  
>GBEQ2732 |RC|Acc|CD468996|Ver|CD468996.1 GI:31390264|LeukoS2\_1\_D05.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_D05\_A024 3', mRNA  
sequence.:Start:1:Stop:675  
ATTCAGGTTTTATTGTAACAGGCCATGTGCTTGGCCCTGGGGGCAGCTGAGACACATGCCAGTCATG  
TTCCTTGCTTCCAGGAGCTCACAGTTTGGGGCAGGAGACAGACAGAGGCATAACACCTTTCAAACAAGT  
TTCAGAGCGTCAGAAGTGCTAAAATGGTCAAGGAGCGATTTCCTCCCGGGAGATCAGGAAAGGCCTT  
GGAGGAGCCACATTTGTGCTGTGCTGTGGGAGCAGTCCGTGTCCTGTCGGGCGGGGTGAGGTTTCCCGT  
GTTGCGTCAAATTAAGCCGAGGCTCCACTCCTGGTGGTGCCTTCCGTCAATTCCTTTAAGTTTCAGCT  
TTGCAACCATACTCCCCCGGAACCCAAAGACTTTGGTTTTCCCGGAAGCTGCCCGGCGGGTCATGGGAAT  
AACGCCGCGCATCGCCAGTCGGCATCGTTTATGGTCGGAACACTACGACGGTATCTGATCGTCTTCGAACC  
TCCGACTTTTCGTTCTGATTAAATGAAAACATCTTGGCAAATGCTTTTCGCTCTGGTCCGTCTGCGCGCGG  
TCCAAGAATTTACCTCTAGCGGCGCAATACGAATGCCCCCGGCCGTCCCTCTTAATCATGGCCTCAGTT  
CCGAAAACCAACAAAATAGAACCGCGGTCTTATCCATTATTCCT  
>GBEQ2733 |RC|Acc|CD468284|Ver|CD468284.1 GI:31389552|LeukoS3\_2\_C08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_C08\_A025 3', mRNA  
sequence.:Start:1:Stop:643  
AAATAATGAAGTCTGTTATTATTATCTAAAAGCCAAAACATTTACTTCTGTGGTGGCTATTGAAGTAGT  
TGCAATTTGCAGAGGTTTATAGGCAGTGAAACAACCTCTGTATGGAACCTTGGTAGTGGACGCACATCGTT  
ATGCATTTGTCAAGGCTCAGAGAATGTAACACATCAAGAGGGAACCCATAATGTAACTATGGACTTTGGG  
TGATGATGGGTCAATGTAGGTTCATTCATTTTAACAAATGCACCACTCTAATGCGAGATGCTGATAGTGG  
GGTAGGCTGTGCTTGGGGGGGTGAGGATATATGGGAACCTGTACCTTCTCAATTTTGTGTGAAT  
CTAAAACCTCTCTAAAAAATAAAGTCTATTTAAAAATAATTTTTTAAATAGTTGCCATTTGTCTCAAAGA  
TTCAAAATACTACCACACAAGGTGATTTCTCTTAAAAGTCCATGTGAGTAATGACCAATATGCCATTTTT  
CACAAATCTAAAAAAAATTTATTTTACAATGCACAGTGTGAGATACCTGTCAACACCACCAGAATACCAT  
ACACTCTAGGCAGTAGAAGCAAGGGGCATGCAAAGTATGTACATTTTGCAGCTTGAGGAGGTGGTACCCA  
GGAAAAGGGGAAT  
>GBEQ2734 |RC|Acc|CD467673|Ver|CD467673.1 GI:31388941|LeukoS1\_6\_E10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_E10\_A023 3', mRNA  
sequence.:Start:1:Stop:630  
GAGGTTGCTTTATGGGTGATGTGCTGGTGGGGCTGGGCTGGGCTGGGAGCAGGATGAAGAGTTGGGCTGA  
ACTTTTCAGGGCACTGAGGCTTGGGATCCTGGCTGTTGCCAGGCCTCCACAGGGTCAGTTGGGGTCAA  
CTCCACCAGGACTGAGAGGCAATGGAAGATGGGGTACGGAAGAGGGATGCGCCACCACCCACGGAATCGA  
GAAAGAGCTATCAATCTGTCAATCCTGTCCGTGTCCGGGCCGGGTGAGGTTTCCCGGAAGCTGCCCGGCG  
GGTCATGGGAATAACGCCCGGCATCGCCAGTCGGCATCGTTTATGGTCGGAACACTACGACGGTATCTGAT  
CGTCTTCGAACCTCCGACTTTCGTTCTTGATTAAATGAAAACATTTCTGGCAAATGCTTTTCGCTCTGGTCC  
GTCTTGCGCCGGTCCAAGAATTTACCTCTAGCGGCGCAATACGAATGCCCCCGGCCGTCCCTCTTAATC  
ATGGCTCAGTTCCGAAAACCAACAAAATAGAACCGCGGTCTTATCCATTATTCTAGCTGCGGTATCC  
AGGCGGCTCGGGCTGCTTTGAACACTCTAATTTTTTCAAAGTAACGCTTCGGGCCCCGCGGGACACTC  
>GBEQ2735 |RC|Acc|CD467536|Ver|CD467536.1 GI:31388804|LeukoS1\_5\_A10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A10\_A023 3', mRNA  
sequence.:Start:1:Stop:633

CAGGAAAGGGACGAAGGCTCCTCAAGCTGCAGGAAAGATTACACAGATTTTGAAAAGGATTCATTATG  
GCTGAAGTAATGAAATACGAAGATTTTAAAGAGGAAGGTTCTGAGAATGCGGTCAAGGCTGCTGGAAAGT

1022

TTTAAACTCAACACAGTTACGAAAAGCAAGGTGAAGAACACGAAGCTGTTTCTGTATTCAATTTTATTTCT  
GAAGAACCTACATCTTAGGTGAAAGTTAAGACCAACCAGATTAAACTCTACCCACATCCTGTATTTTAAAG  
GTCTAAGTTTTACTGGTCAACATTTAGATGGATTGGAGCTATTAGTACGTAAAGTGTGATGGGCTTTGT  
CCCAACTCTTTTACATCTTCTACCTTTCAACCTTCGTCTTTCAGCCCCCCTTCTCTCTTCCATATTC  
TTTGGTTTGTATGTGGTTTCTCAGTTAATACATAGCTAATAGCTCTTATTTTCTTATGTTTTTAACTGC  
TTAGGTCTATCTGGATGTAAGGGTGAAATTCATTTGATGGAAATACTTGTGTATATTTAAAGACCCAAT  
TGCTCCTCTGGAGCTTG

>GBEQ2746 |RC|Acc|BM781246|Ver|BM781246.1 GI:19129478|MLN1\_6\_F07.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:73:Stop:460  
CTATGCCACCAGGTGGCCCCCTGCATTTTAAAAACAGTGTTCATGCAATCACAGATTCTGTTTTGT  
TTTGGCCTCATGCAAAGCCCCCGATGAAAATTTACCAATCCTTCGTGCTTTCTATTTTATGAAGACAA  
TCAAAGCTGGCCTGAGAAACCAATTTGTGACTTTTTAAATGATCAATGATGTCCTTAAAAATGTGGTCT  
GCCAATCTGTACAAAGTGGTCTGTTTTGTGAAGAGGGACGTGAGATAAAATGATGTTATACATCAATG  
TGTATATATGTTTCTATATAGACTTGGAGAATACTGCCAAAACGTTTATGACAAGCTGTATCACTGCC  
TTTGTTTATATTTTAACTGTGATATTTCCCTACAG

>GBEQ2747 |RC|Acc|BM781235|Ver|BM781235.1 GI:19129467|MLN1\_6\_H12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:635  
AGTGTGGCTGCATTTGGAGACAGGGCCTTAAAGACTTAATTAAGGTTAAAGGAGGTCATAAGGGTGAGG  
CCCTAATTTGATAGACTGGTGTCTTATAAGTAGAGGAAGAGACACAGGGGCACACTTGCACAGAGGAA  
AGGCCCCGTGAACACACAGAAGGCAGCGTCTGCAAGCCCAGGAGCAAGGCCTCAGGAGAAACCAGCCCT  
GCCAACACCTTGATCTCGGACTTCAAGCCTCCAGAAGTGTGAGAGAATCAATGTTGTTCAAGCCACAAGT  
CTGTGGTACTTGGTCACGGCAGCCCCGAGCTGACTAACACAAAGGCTCTTCCCTAGCTTTACCCACTCTCCTC  
CCCATTCCTGTCACTTCTCCAGGGACAACCTCAACTCCAGCCTGACTGAGCTGTTTGTAGTTTCTCTGA  
CTATTCCCTGCTCTGCCTTACCTCTGGGGCTTTGCAATTTCCACTTTCTAGCTAGCAAACCTTCTCTTCC  
CACTCCTCCTGCTCCATGTACATCCACAGCCCCACACCACAGCGCTGGCTAACCTCCTACTAATCCTGT  
GGGTCAAAATCTCCACTGAGTGTTTAAATCTTTGAAGCTAAAGCATTTGCTACACTGAATTAATCTC  
GTGCC

>GBEQ2748 |RC|Acc|BM781210|Ver|BM781210.1 GI:19129442|MLN1\_5\_G12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:2:Stop:523  
ATGGTNTAATTACAGATTGAGAAATCAGAAGGAAATTTCACTGGATTAAAGTGATAGCTTTTCATACCTAC  
ATTTCAAGAAATTACCATTTGTAACCTTGATAAGATAATGATTATTTTATGTAAACATCATTGCAAAGCAA  
GGTGTAGAAGCTCAGCTAGACTTATTAAGTGTGACGAGAGTAAATACCTATCTCAGTTATTCTTTTCTT  
TTCCAGTATGAAGTTTGCTGAATGTACAAGAAGTTTATCACTTAGGATATAGAGTTTTTTAGGGGTT  
CGGGGAGGGGCCGTGTCAGGAAATTACCTATAAATAAGATTGCTTTGATTGATCCGAAACATAAACT  
TGAAGCTGTTCTTGAACACACGAAAAATAAATGGCTATTGTTTTAAAAAATGATAGAAATATATTG  
TTGACAGGATATGAATTATTTCTACAACTGTAATTGATGAGGACATGGATAATATCTTCATGTTTCTG  
AAAGTAATCTGTACATGGGGGAGCTCGTGC

>GBEQ2749 |RC|Acc|BM781116|Ver|BM781116.1 GI:19129348|MLN1\_4\_D10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:606  
TTTGCACCTCTGTAGTGTAAAGAAAAAAACTCTAATATTGAATCTCTTAAATTTCTTGTATGTAAA  
CAGCTTACAATATGATTGTCTAAATGCATTTAAATCTCTTTTATTCAAAGAAAAGCTAAAGCAAAATA  
TTGGTATGTGACCATGCAAGACTGTCAGTGCTAACAAAGACAACACTAATCAGCATATCCTCATTGGATT  
GCAGTGCTCTCCAAATTATTTGAAAAATGCATTACAGACAACCTGCCTGACTTTTAAATGAGCATCAAAG  
GCCCTCTAACCTATGCAGGTTTCTCATTACGCATATAGAAAATGCTAGTGTGTTTTTGTCTCACTTCATA  
TGTAACAGGTGCCCTTATATTGTGCTGTATCCTGTGCTTTTCTGTGGGACCATTCCATTACAGGAACAAA  
GAGCACCATGATTCCAATCTGTGTGTTTACTAAACCTTCCCTGAGGTTTGTGTATGTTGGATATTGTG  
GTGTTTTAGATCACTGAGTGTACAGAAGAGAGAATTCAAACAAAATATTGCTGTCTTCAGTTTTGTTT  
TGGAATTTGAAATTACTCAAATTTAAATAAATACTGGAC

>GBEQ2750 |RC|Acc|BM781003|Ver|BM781003.1 GI:19129235|MLN1\_3\_E04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:22:Stop:632  
AAGATAATAGGCTTTTGTGAGATAATGAACCTCATCTATTCAAATTAATAATTAGACGGGAGTACAGAAA  
AAATTAGAATTGTCTGCATTGTAGGATAATCAGTCCTGTCTATATATTGAATTTAACGTTTGTGTTTAA  
TTTATCACGGCCTGGTGTGTGATGCTTCTGGTAGTGGCCAGAGAAGCCTCAAATTGCTTGTGTGGATT  
TCAGAAGTCCCTAGACAGTGTCTTCTGATGGTGGGACTCTGGCTCATCCATTAATTGATTACACAAAA  
CTATTTGCAATAGGTTATTTGACTTTTCTAGTTTTTACTCAAATTTAACTTTTTTGCCTGTAAATACCTG  
TATTTACCAAAGATTTAAAGCAGTTGATTAATTAACCAACACTGTGAACCTATCTTTAAACACTAGAG  
AAAAAGAAAAGTTGGTATCTCAATAACATCAGCTATGTAAATGGAGTTCTGTAAATAGAAACCGTCTAC



ATTGGTATTTGCAAAATCTGTGAAGAGCTTTAGGATTCTAGTGGACAGATACTGAATGTTTCAGGCACATT  
TAAATTATTAAATGTATAAAATGTGTTTTATCTCCAAGCTATGTACAAAGA  
>GBEQ2751 |RC|Acc|BM780979|Ver|BM780979.1 GI:19129211|MLN1\_2\_D01.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:37:Stop:425  
GCCAATGGCAGCGAGGTGCGTGCGTCTGCTTGTGTACAGTTGTTTTTCAGTGCCTTCTAAGAACGAGTCTA  
AATGGTTCTTGA AAAATTTGGCCAGGATCAAATGCGATTGCAGACAAAGCCAATAAAAAATTTTGGACATCTT  
TTGGGGATAACAAGTTTAGAAGAGAGTGAATCCATACAAGCAAACAACCAAGATTTTGGAAAAGATGT  
ACATAGTGGTGTGTTTGGTGCATGGTGTGTTTGGAGAGGGCTTCTGTCAAAAAAGGAGGTGTAACCTTTCC  
CCCACAGACCTGAGAGCTGTGCCTTTTCATATGCTAATATTACAGAGCGTTACATCGGAACCCAGATGGC  
TGTATTACAGTGTAGGTTTGGGCTGTAATCTAAACAATT  
>GBEQ2752 |RC|Acc|BM780896|Ver|BM780896.1 GI:19129128|MLN1\_1\_F08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:29:Stop:456  
AAGGAAAAGTAAAGACAGACTGTNNGGATCAGTATTGCAGTTCTGTAGTGTCAATTTCTTATAAAAAACGAA  
TAATTTGATCACC AAAATTTGATATGNTAAAGCCTAACACCATTCTAATAAAGGCACAAAATTTCTTTTAA  
AGACTTGTGTTCAAGCTCTTTAATCTCTTTATAAGTTAACTAATAAATCTATTTTCTTCAAACTTCTGCAA  
TAGTTCTTTAAATCACAACAGTTGGTTAGCAAGCTGACTTTTTTATGTGCTCTAAACAAATAATTGTGA  
ACTTTTAAATATGTTGAGTGTCTTTTATTTGATAACTGGATCTCCAATTGATATTTTCATTTGTATAAATC  
ATTTGCAGTCTGGAAAATTTTTTAGTGCCAGTCCCTGCATATCATGGAAGTTAATTTTCTTTGCATTT  
TAAATAT  
>GBEQ2753 |RC|Acc|BM780889|Ver|BM780889.1 GI:19129121|MLN1\_1\_G11.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:11:Stop:359  
CAGGAGAACTGATCTCTGAAAATATGTGTGATTATGAAAGATGTAGTTGAGTAAGAGGAGGTGAGGAA  
TTGGGAGGGTAGTGAGCTCTCACCCTAACTCAATAAGAACATGATCTCAGTAGACCAATAATTCGCCTT  
TTTATACATCTGTAAATAAATGGAATGTTTTTAAGAATAAAATTATGTCAGATTTAGCTTTTTCTTTTAT  
ATATTAATATATATCTTTCTTTCTGCTTTTTGAAAAAATGACTATTTTTTTTAGAAACCTAAGAACAG  
AAAAAGTTTGGCGAGTGGAAAGGCAGAAATGTATAAACTTGAAATAAATCAGTTATAATAAGCAAAAAA  
>GBEQ2754 |RC|Acc|BM780535|Ver|BM780535.1 GI:19128767|APL1\_4\_H04.g1\_A005 Liver (APL1)  
Equus caballus cDNA, mRNA sequence.:Start:32:Stop:569  
GAGATTTTACTCATTTTTTAATTTTGTGAGTACTGACTAAAAGCGGTGGGTTAACATGATTTCGCATGAGTC  
AACAAATGACATTTTGGGTTTTTTCTAAGAACAACAACTTAATTACAATATCCACATGTGCCACGGTAATGG  
TGTGTGCTTCTTGCCAGTGGCGCTGGGTTGGCAGCCACTGGCCCAAGGGGGTTAAGGGGAGAAAAGGCC  
ATCCCAGCCACCAGAGGGCAGCATAGAACTGAGCTTCCAAGGGCCAGAGGCCAGGACTGAGTTGGTGAG  
ACTCTGGGCTTGGGGCTCACCATACTCTTCTTCAGACCTCACTACTCTTTCTTCTTTCTTTCTAGCTG  
TCCAGAACAGCCCTAAGGGTTGCCATCGGGACAAGAGGACCCAGATTGTCTACAGTGTGACGTCTACAA  
GGAGAACCCTGTGGATGGCTTCTAGGGAATGGAGCTGGATTCCGTGTGCCTCATCTGCCCAACGCTGGT  
CTCAGTAAACACTGAGGTGGAAGCTCACACATCTCCCTCAGCCTCTG  
>GBEQ2755 |RC|Acc|BM780415|Ver|BM780415.1 GI:19128647|APL1\_2\_C04.g1\_A005 Liver (APL1)  
Equus caballus cDNA, mRNA sequence.:Start:68:Stop:576  
AGAAAAGCAATTTATTCCATTATAAGCACTTACACAGTTAGTCATGAAGAGTAACAGGCCTGCTGGTGAA  
ACAGGTCACCCAAAATAGAGATGGTATCAAACCTAGTGGTCAAGGACTAACTCCTAAAAAAGAGCAA  
CTCTTATCCAGGATTAATTTAATTTTAAAAACAATAACAACTATTGATTCACTCTTCTCAACTTAACTG  
GACAGTCTACCTGTGGTACAACTGTGAGTAAAAACATACATCTTTACAACCTGGTGGTCCCCAGTTTTT  
TTTAAAAAACCATTTCACAGAAAGGAAAGAAATAATATGAAAACAGCTCAAGAAATACACTAACAGC  
AAAAATATATGGGGAAAGAGGAACAGTAGTTTTGACTTAATTGGAGAACTGAGAGGTCTACATAGGAA  
AATGTGCATCCTGGAAAGTCAGGTGTGAAGATTTTAGAGTAGGAATTTGTATGACTTGAATCTCCCTAT  
TTCCTGAATAAAAAACA  
>GBEQ2756 |RC|Acc|BM735505|Ver|BM735505.1 GI:19056838|MONO1\_19\_D01.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:52:Stop:658  
AGCTGTACCTTGGGTCTAACATATTTGCATTTAGAAAGGCCTGTTGATGTTCTACAGACGGTCAAGTT  
ATTAGACCTTTCTCTAATCAATTAATTGATGAAAATCAGCTGTTTCTAATAGCATATTTGCCAGGGTG  
CAAGACGTCAGTCTTCTTCTTGCAGTACCTTGTAGTAAATGACAATCAGATTTTCAATGGTCAATTT  
ATCAACGAGCTGGATAAGTTGCAGAGTCTGGACACTTTGTCTGCGTGAGAAACCCCTGACTGCAGGAA  
GCAAGGACTCGCAGACCACCCGTCAGTTCATCATCGCCAGAATCGGCCAGTTGAAGACGGGGAACTCAAA  
ACACAACAACAGATTTATACCTAAAAACAGCTACTAACACTGAAGATAAGATATCCTGATCAACTTGACC  
AGAAAGTCTAGAGAAACAACCTGCCAGACTCCATGACAACTCCAGAAGGTGAAAGGATTGCTGTGCGCTCT  
TCTCAAAGTTCCTGTGTACAGCTTCTCTTGTCTATGAAAGTCCCAAAATGCCGGGCAGAGAGATTGAA  
CTAGANATGACCAACAGTCATTGCAGTTTTATTCTGTGGAATG

>GBEQ2757 |RC|Acc|BM735289|Ver|BM735289.1 GI:19056622|MONO1\_18\_F09.g1\_A005 Monocytes (MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:649  
ACAGGCTCGAGCAGATCAGAAAGGATACACAGTGGAGCCCTGCTCACCGGCGACCTCAAGAAGATCCTC  
ATCGAGGTTCTGCAGCCCTTGGTCGCCGAGCACCAGGCCCGGCCAGGAGGTCACGGACGAGGTCGTGA  
AGGAGTTCATGAGTCCCCGGAAGCTGTTCTATGACTTTTCAGTAACACTCGTTTTATGGCCACATACCCCA  
GCTTAATTGCTTCGCCACGCCCTTAGGCTCTGCCCCAGGGTGATTGCTGGCCTGCGGTCTGCAGGCCGT  
GTGCATGTCAGTACTGCCTCTTCTGTGAACGTATCCTTTCTGTGCTTGTGAGCACAGCCCTGTGGGGG  
GATGGTGCCAGATGACGTGCTGTGGTCAGACAGACTGGTCCAGCTGGAGTCTCTCCCCCAGAGCAGCCCA  
GGGATGTGGCGCCCTCGGCCAGGTGTCCATCGGCCAGCCTGTTCTAGTCCCCAGCCCCACTTCCATTTGA  
AAGCATCCGACAGTTCCAAATATACTCTCAAAACCTGCTCCCTAAAAGCCTATGTGGTCTGTGCCTGTCA  
TCAAACCTAGAAAGTGCTTCGAAAAGTTAATGTGGGGGTGCCAACGAGCACAAAGATGTATCTCAGCCCGTG  
CTCAAAAAATAAACACACA

>GBEQ2758 |RC|Acc|BM735023|Ver|BM735023.1 GI:19056356|MONO1\_23\_H05.g1\_A005 Monocytes (MONO1) Equus caballus cDNA, mRNA sequence.:Start:2:Stop:672  
CCCCTCGAGCAGATCGAAGGATTACACAGTGGAGCCCTGCTCACCGGCGACCTCAAGAAGATCCTCATC  
GAGGTTCTGCAGCCCTTGGTCGCCGAGCACCAGGCCCGGCCAGGAGGTCACGGACGAGGTCGTGAAGG  
AGTTCATGAGTCCCCGGAAGCTGTTCTATGACTTTTCAGTAACACTCGTTTTATGGCCACATACCCAGCT  
TAATTGCTTCGCCACGCCCTTAGGCTCTGCCCCAGGGTGATTGCTGGCCTGCGGTCTGCAGGCCGTGTG  
TGATGTCTAGTACTGCCTCTTCTGTGAACGTATCCTTTCTGTGCTTGTGAGCACAGCCCTGTGGGGGG  
ATGGTGCCAGATGACGTGCTGTGGTCAGACAGACTGGTCCAGCTGGAGTCTCTCCCCCAGAGCAGCCCA  
GGATGTGGCGCCCTCGGCCAGGTGTCCATCGGCCAGCCTGTTCTAGTCCCCAGCCCCACTTCCATTTGAA  
AGCATCCGACAGTTCCAAATATACTCTCAAAACCTGCTCCCTAAAAGCCTATGTGGTCTGTGCCTGTCA  
CANACTAGAAAGTGCTTCGAAAAGTTAATGTGGGGGTGCCAACGAGCACAAAGATGTATCTCAGCCCGTGC  
TCCAAAAATAAACACACATTGCCAACTGAAAAA

>GBEQ2759 |RC|Acc|BM734560|Ver|BM734560.1 GI:19055893|MONO1\_10\_B09.g1\_A005 Monocytes (MONO1) Equus caballus cDNA, mRNA sequence.:Start:23:Stop:640  
GCAGTGAAATCCAGACAAAATGAACCATTTTAAAGTGTACAATTCAAGTACATTTAGAACATTACCATG  
TTACACAGCCATCACCTCTATCTAGTTCCAAAACGTTGCCTCACCCCAAAGGAGACCTTGTCCCCACTAA  
GCAGTCTCTCCCCAAACCCCTCTCACCCAGTCCCCGGCAGCCTAGTGGTTTACCTGGTGGATTTACCTA  
TTCTGGACATTTTCATATAAAGGGCATCATACAATATGTGACCTTTTGTGTCTGACTTCTTTCACTGAGCA  
TAATGTTTTCAAGGTTTCATCCCGTTGTGGCATGTGTGAGTAAATTCCTTCTTATGAATGGATGATATTC  
GTTTTATGGACACAGCACACTTGGTTTACCCACTCATCTGCTGACGACGTCTGGGTGTTTGGACCTTTG  
GGCGCTGTGCCCTCGTGTGTGAGCGTGCGTACACAACACTACTCATTACCTGTAAACCGCCCTCTAGTGG  
ATCCTCCACGTCTCTCATGGGGAGCTAGGCTAATCTGTGGTACTAAGGACACTCCAGCTGATACTGCAGA  
GGGACTTACCAAAAATAATTTGTGCCCTTTTGTGTTTCATTCTTGTGTGATAGAGCCA

>GBEQ2760 |RC|Acc|BI961438|Ver|BI961438.1 GI:16319641|MONO1\_5\_E09.g1\_A005 Monocytes (MONO1) Equus caballus cDNA, mRNA sequence.:Start:48:Stop:562  
ATGTATAGTACGATTACAGCTACATAGAAGCCACCACTCAGGGGCTGGCGTTGCTGGATTATGGGTCAT  
TTCTGCATAGACTCCACCCTGGATTACTCTCCTGAACCTTTCCAAAGTGTCTACAAAGCACACCTTGATTT  
TTTAAATGAAAAATGCTTTTTTTTAAAGCAAACACAAACGCTCATGTCTCTCTTCCAGGTGCCGCCATGA  
AGATCAAATGCAGTGACCTCAAGAAGGCTCCTTGGAAGCAATGCGCAGGACAGAGGGCCAGAGACTGGA  
GGCCCTGGCAGGTGAGGCCCTTTTCTGGACTAGGGGAGACTGACCCCTCCTTGCCACCTCTCCCCAG  
ACCTCTGCTCCTGGTCTTCCCCAAGGAACCTCCCTTCTGTTATTTGCTGGATGACAATGATGCCAAGTC  
TCTGCCACTCTGGGCCTCACTTCCCTCATCTGTAAATGAGGGGAGTGAGGATTCTCTGAAGTTCCTTC  
CAGTCTTCTCTCTGAGGGCCACA

>GBEQ2761 |Acc|CD536744|Ver|CD536744.1 GI:31579159|LeukoN6\_6\_F06.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_F06\_A028 3', mRNA sequence.:Start:1:Stop:622  
CATCAACAGGCATGTAACGTGAGCTTGCTTTCCAAAGGCCAGCAGTCTGCTGAGAGCCACTGTGGCTC  
CCACAGCTGAACCCCGCAGAGGGAAGAGGCTGGGGGAAAGGAGGAGGGCAAGTGCGTGCGCGTGCGGGAG  
AAGTCTGACATACTCTGTGCTAGCTAGATGGGCGTGGCAGCTTCCGGACGCAGGACCACAAACCCCGGGG  
CTGAGCCCCCTCAGCTCTGTACCCAGCTCAGTGCACTGCTCTGTGCTGCTTGTCTGGAACTGCCCA  
GGTCTCTCACGTCTACCTCGTGGCGCTGAGCAGCCCTGGTCTGGACCAGCGAGCAAAGGGGCTGCCCCAG  
GCCGGCTGTTTTACAAATCTCTCAAATGTATTATTTTATGACAAAAATGAAGGAGCTTTGTAAATTTT  
TAAAAATATGAATCATATCAAGTAGTTGTTTACATCTCTTGACAAAAATAGGAATTATGGCAGCAGAAT  
CAAATTTGGCAAAATCCTTAGATTAATAGCAATAATTAGTCTGCTGTTCTGGCCCTTTGTAGTAAGACAA  
GTGGTTGTAGTGTTTAGTTATGTGTTGGTCTTGCTTCTGTATTGCAATTTTTCAATAAACTT



>GBEQ2762 |Acc|CD536656|Ver|CD536656.1 GI:31579071|LeukoN6\_5\_H04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_H04\_A028 3', mRNA sequence.:Start:1:Stop:660  
CGGCACTACCCGGACATCTTTGAGGAGTGCGGGTGAGCGGCTCCCGCAGGCCGGGTGGAGGCTGACCTT  
GGCCCTGAGGACTGACTGGGTGAGGGATTGGGAAGCAAAATTCACCTTTGGGCTTCCTCAAGGACCC  
CTCAAGTATTCAAACCTTGTAAAAAGAAAAGTGCCTGTAAAGATTCAAATAGATTAAACTTGACACCCCTG  
TCCCCAGTCTTTCTAAAAAATGAAGAGAGTAAGATGCTGGACTTTTCTCAAGTGTATCTCAGTAACAG  
GTGCAACCAACATCTTTCTGTTGTGTCTAGACAAAAAATCCCACTGTTGCTTATCTACATCAGAGGTA  
ACTGCTGAGGGTAATAAGGCTTGGGGAGGGGGCTCCAGATGGAGGGCATGGACAAGCCCCGGATAACTG  
ATGCCAGCAGGAGGCCAGGAAGTGAAGTGGGTGGAAAGAGTGGAAAGCACTGGGCACAGATCTAGTCTC  
TGCAACTTGCCCCAAGGCACCGCTGGTAAAGTCAATGTCTCCTGAGCCTCAGCTCCCTCATCTTTAA  
ATGAGGAGCAATAATATCTACCTCAAAGGGTTATAGTGAAGACTGACATTTTAAACAAAATAATATGTATG  
ACATAGTAAATGTGAATAAACATTTGTTG  
>GBEQ2763 |Acc|CD536388|Ver|CD536388.1 GI:31578803|LeukoN6\_7\_E07.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_E07\_A028 3', mRNA sequence.:Start:1:Stop:529  
GATAAACAACTATGTACTGGGGCTTTGAGGAGAAAAAAGAGGAAGGTTGGCAACAGATGTTAGCTC  
AGGGCCAATTTTCTTACCAAAAGAGAGAGAGAGAGAAAAAAGAAACGATTAAACAGACCTAAAGGGA  
GAAATTGAAAGCAACACCATATAGTAGGGGACCTTAACACCCCTCTTATGTCAATGCATAGATCATCCAG  
ACAAAACGTCAACAGGAAGCAGAGTCCCTAAATGAAACACTAGACCAGGTGGACTTAATAGATATATCTA  
GAACATTCCATCCAAAAACAGCAGAATACACATTCTTCTCAAGTGCACATGGAACATTCTCAAAGATAGA  
TCATGTGTTGGGAAATAAAGAAAGTCTCAATACATTTAATAAGATTGAAATCATATCAGACATCTTTTCT  
GACCACAATGCTATGAACTAGAAATCAATTATGAGAATAAGCTAGGGAAGTCACAAATACTTGGAGGC  
TAAACAACATGCTATTGAACAACATTTAGATCAATGAAG  
>GBEQ2764 |Acc|CD536095|Ver|CD536095.1 GI:31578510|LeukoN6\_3\_A10.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_A10\_A028 3', mRNA sequence.:Start:1:Stop:678  
TTTGGGGACTACAGGGCGCAGATGGAAAGCGAGTGGCGCGAGGCGCTGCGGGCCCTCAGGACTGCAGCCC  
ACTCAGCCCAGGTGCAGCCCGTGGGTGCTGCCGCCAGAAAGAAGATGGAAGGGTCTGCAGGCCCTCGCCT  
AGCAAGGGGAGTCAAGGCACCCCTGGACACTCCTGATGAAGAGTTTAGGTTCAATTTCTTTTAGTCTTTT  
CCCCATCCTGGAACAGTCTCCCTCCCTGGGTGGCATTAGGGGTTTATCTTGAGTGCAGAGCCGTTCCAGGG  
ATGCTCTTTTGGACACACGTGGGGTTGGTCTGTCCCTGGCTGGTCAGTGAATCTGGTGCCATTGCTGTTG  
GGCAGATGTGACACTACCTTGTGGGTACTGTGACACAAGCACAAGACCCCATTTGTAGGTTTTCAAATG  
AAATGTCCTTCTTGCCAGAAGTGGGAGGTCCGTTTAGAAAAGCTCAACAAAAACTGAAGCGAGTGTTCA  
TCAAGTTGTAGAAAGAATATTTTACTCAGCCTCCAGTATTAGGTGTAGTAGCTGTTGGTAATGAGGATTA  
TGGGAAAGCTGCTAGTTGTGCTAGTGGTCTCATTATAGAAGAATGCTGGTCATGTGGTGTAGTGCT  
GTCGTTATGTACATTGCCCAATAAACTTTTTATAAAAGTGAATGA  
>GBEQ2765 |Acc|CD535980|Ver|CD535980.1 GI:31578395|LeukoN6\_2\_H04.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_H04\_A028 3', mRNA sequence.:Start:1:Stop:621  
AAGGGGGACGAGGGGAGGAGTCTCATTTCCAGGGTCAGGGACTCGGCAGCAGTTTTCTTAAAGTGACT  
CAGACACACCACAGTGACAACCTCTTGCTGCAGTTTTATTTCTGTTTCCCTTGAGAATGAAAGACTTCCTC  
CAAGCCACGTGAGGTTTTTGGCCCCCACCACCCACCCAGCAGGACCTGCATTTGTAAGCTGAGGGCCCA  
CAGAGCCTGGCTGCAGGGGACCTGCCCGGCATCTCGGCCCTTCCCAAGGCCCTTCCGCTGGGTTCCGC  
AGGGCAGCTGGGGGGAGGGGACAACAGTCAACCTGGGAAGTGGAGCCAGAGCTATGGCCTGACCAACAC  
CAAGGCCCTCAGCCCCAGGCCGGCTGTTTTACAAATCTCTCAAATGTATTATTTTGATGACAAAAATGA  
AGGAGCTTTGTAAATTTTTTAAAAATTATGAATCATATCAAGTAGTTGTTTACATCTCTTGACAAAATAG  
GAATTATGGCAGCAGCAATCAAATTGGCAAAATCCTTAGATTAAATAGGCAATAATTAGTCTGCTGTTCTG  
GCCTTTGTAGTAAGACAAGTGGTTGTAGTGTGTTAGTTATGTGTTGGTCTTGCTTCTTGTAT  
>GBEQ2766 |Acc|CD535972|Ver|CD535972.1 GI:31578387|LeukoN6\_2\_A08.b1\_A028 Unstimulated peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_A08\_A028 3', mRNA sequence.:Start:1:Stop:637  
ATTGTATATAATAAATTTAAGAGATACATGGATGAGCAGTACGCACAACATGTGAAAATTATCTTTAGGA  
AGGACCTCAAATGTTTGAAGAGAGGATTCTTGTGTTTTCTTTGTTTTTGTGTTTAGCATTTTCAGGTAT  
GCTAACTGCAAATGCAAAAGCAAAGGCTTGAATATCCTTCTTCCAATATGGTAAAGTAATCTAGCAAGCC  
AGCACTCCCAATTTATGTCAATCTGTAAATCAGGGCAGTTTTGTTTCTTCTGTTTAAATCTGTATGCCTT  
TGATTGCCTTATTGCACTGGCTTGAACCTCTAGCACTATGTTGTATAAGAGTGATGAGAGCTGGCATATT

GCCTTTTTTCCCAAATTAGGAGGAAAGCATTAGTCTTTCACCCCTAAGTATAATGTTAGCTATAGACT  
TTGAGTAGATGTTCTTTATCAAATTAAGAAGTTCCTTCTATTCCCTGGTTTGATCATAACTTTATCGTG  
GATAGGAGTTGAATTTTGTCAAATGCTGTTTTCTGCATTGATTGATATGATCATGATCCTGTAACTTTCC  
TTATCCTGTTAATATAATTATGTTGCTTAATTTTAAATATTAACCAACCTTGTTATCTCTGGAATAAA  
CTTCACT

>GBEQ2767 |Acc|CD535682|Ver|CD535682.1 GI:31578097|LeukoN5\_7\_E08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_E08\_A027 3', mRNA  
sequence.:Start:1:Stop:612

CGCCACAGAAAGAAAAATAAGTAGCCAATTTCTAAAAGCAGCCATCTTTCTGCAGGATCATGCGGAATTA  
CTGAGTGAGGGGAAAAGAAACAGAGAACTTAAATGGATAAAGTAAGAGATGTTCAAAATGTCCCTGTTT  
TGTCTTGAATTTTGTAGTCCAATCTGGATAAATAGGATTTTCCAGCTCAGATATGAGAAGTTGTAGCTCTG.  
ATACCTAGCGGTAGCCTCCTTAGTCTGCTGATTGCGTTGTTTTGATTGCTTTTCTGGGAAAGCATTTTT  
GCTAAAAGCTGTACAGACTTCCTCCTTCGTACCTAGCAGTACTTTATAATAGTATAGCTTTGTGCCATGC  
AGCATTTGAAGACTCAGTTTTTAAATTAACCTGTTACTGACTTTATTGTGTTAATTCCTGTTTCAACAG  
CTGTTTCCCTTAATTCAGGATACAACCTTCTGTGTACAACCTTACTTCACACACCATTTTTGTGGGTGTG  
TATATATCTGACTTGGTGAGAATTGGGAACAAAAACACAGCTTTTAAATTTGTTTAAACAGACCTTC  
TGCCCTGTTACATTTTGTGCTCTTAACCAATTAAGAAGCCAATGACATTTTT

>GBEQ2768 |Acc|CD535670|Ver|CD535670.1 GI:31578085|LeukoN5\_7\_H05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H05\_A027 3', mRNA  
sequence.:Start:1:Stop:662

TGTCCTTACAGATAGTTGCTGTTTTACTCTGATGCTTTTTGCTTTTGCAAATATGTCTTATCTTCAGA  
GACATTCATGGAAAAGACTCTGACACTTACTCTGGATTACAGTTTTCTGATAAACTTTTCTGATTTGTA  
CTGAACTGGGTAAGAAATTACAGAAATCTAAGGAGAACTGATTACCTCATAAACTGCTAACAGAAGA  
TTAAGATCAAGAACAGATTATATAGGACTGAATGAAGTGAAGGATGATAATTTTGTGACTTTTATTTGAA  
ATATTGTTGATTTTTGTGTTTTGCTTTGTTTTCTCAGGTTCAAGAAAATATTTTTCTCTTTCTCTTA  
TGCTAGCTATGACTTATAGCAATTTAGTGAAATTTAGTGAAAGTTATACCTTTGTGAGCAAACTGAGACA  
TTTATCTTTTTCTCCCTACCTGATCCCTCGAGAGTTTGGAACTCTTTGTGAGTATGGTTGTTTCATGGC  
AATATAGTTATTTGCATAAGTTCAATAAGAATCTGTTCTCCTTATAACAGGACATTGGTTATCTTGCCAA  
GCTTTGACTGGAATGTCATATTTGAGAGAAACATACAGACTCGGATATGGCAATACTGCGTTTGAGGAAT  
AAGGTTGACTTTCTGGAATAAAGCCACTTG

>GBEQ2769 |Acc|CD535647|Ver|CD535647.1 GI:31578062|LeukoN5\_7\_H09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_H09\_A027 3', mRNA  
sequence.:Start:1:Stop:548

GCATGCTAAGTTTACGCGACCCCGAGCGGTCGGCGTCCCCCTAAATTAATTTCTACAGCGTCTTT  
NTAGCCTCCCACCTCCCAGCACCAGCACTTAGGAAAACAGCCGCGTGCACGACACACACACAACCCCT  
TGGCTCCAGGGCCGGGCGGGCGGCTCACCCTCCGGGACGTCACACTACAGGGACCTAGGGACACCA  
CACGCGGGCAGTGTAACCGGGACACAAGGGGACCCACGGCGGCTCCACACCCGGTCACACGCTACACAG  
CTCTCGAGGACCTGTCCAGACACCAGGCAGGGGAGACCCCGCCGAGACACCAGGACTCCCGGCAGGT  
GCCCACCACAGGTACCCCCACACGGACAGGCACACTGCAGGGACACGCTTGACACTCGGGGGGCCCCC  
GCTGACCCCCGGAATGGGGGGGTGGGACTGAGCATCCCGCCCTACCCAGCCGAGGGACCTCCTGGAG  
CGGCCTTTTGCCACCACCTAATCCGGACTTTTAAATATAAAGTGAATTTTCAGTTTC

>GBEQ2770 |Acc|CD535459|Ver|CD535459.1 GI:31577874|LeukoN5\_4\_G08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G08\_A027 3', mRNA  
sequence.:Start:1:Stop:622

CTCAATGTATTTGTACTCTGGCAATGTCCAACAGGACCTCCAAAACCTAGAGATTAAAACATGGCCCCAA  
ATCATATGACCCAGCAAATCCACTCTTGGGTCTATACCCAAGAGAAATGAAATTAATGTCTACACAAAA  
CTTGATACAAATGTTTCATAGCAGCATTATTCATACTAGCCAAAAGTGAGAATGACACACATGTTTCATC  
AACTGATGAATGGATAAACAATATGTGATAGATCCATACAATGGTATATTATTCAAACCGGAATGGAATA  
CTGAAACATGCTACAACATGGATGAAGCTTGAACATATTGAAACCACTATGCTAAGTGAAGGAAGCCAGT  
CACAAGGACCACATATTATAAACCATTATATGCAATGTCCGAATAGGCGAATCTATAGATACAG  
AAAGTAAATTAATGGTTACCGAGGGCTAGAGTGGGTGCGCTCTCAGTCGGCTCTCACTGGCAGCTCTG  
GCTTTAATGTTCTGTCTGAGAGTGCAGGCGGTTTTGCAAGGAACAGGGGGCTGACTCCCTTCTCTTAA  
CTTGTCCTTCGTGCACTCCTGCTGAAAGATGTTAATCTGAATAAATGTTGATCTTCAGGGT

>GBEQ2771 |Acc|CD535441|Ver|CD535441.1 GI:31577856|LeukoN5\_4\_F05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_F05\_A027 3', mRNA  
sequence.:Start:1:Stop:602

CCGGAAGAGGATCCTGAAAGGAGGGCCAAATCTCTACACAGATGCTTCTGAGAGAATTGGGCTTGAA

GTGGATAGACGTGCAAGCAGATCCAGCCAATCTTCTAAGGAAGAAGTGAACCTCTGAAGAATATGGCTCTG  
ACCGTGAGACTGGCAGCAGTGGTTCTTCTGATGGGCAAGGCAACAACACGGAGAATGAGGAGGAAGGGGT  
GGAAGATGTGGAGGAAGATGAAGAGGTAGAGGAAGATGCAGAGGAAGATGAAGAGGTGGATGAAGATGGA  
GAGGAGGAGGAGGAGGTAGTAGAGGAAGAGGAGGAGGAGGAAGAAGAGGAAGAGGAGGAGGAAGAAGAAG  
AATATGAACAGGATGAGAGAGACCAGAAGGAAGAGGGAAATGATTATGACACTCGAAGTGAGGCTAGCGA  
CTCTGATTCTGAGTCTGTGTCCTTCACAGATGGGTCTGTGAGATCTGGTTCAGGCACAGATGGATCAGGT  
ATTACTTTTTATATGTGAAAGTTTGTCTTTTAAAAAAAATTGACCAAGTTGTTTATTCTTGAATGA  
TGTTTAAATTAAATGATAAACTTTTCGAGAAGATGAGGATAT

>GBEQ2772 |Acc|CD535082|Ver|CD535082.1 GI:31577497|LeukoN5\_3\_A04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_A04\_A027 3', mRNA  
sequence.:Start:1:Stop:502

AAATGGTAAAGGGGAAACACTTCATTATCTTCAATGTATTATATCCTTATACTAAAAATATATATTACAC  
AATATATTTTTACTAATAGAGGGAGGCTTTGATAAGGTTTTGGTGTGTTATCAGAGTGTAATAAATTTCTAT  
ATTGGTTATTTTCTGTAATAAAATTTTTGTGTACAGTCACAAGTCGCTTAGTGATGGGAACAGGTTTC  
TGAGAAATGTGTTGTTAGGTGATTTTCATCATTGTGCAAAATGTCATAGAGTGCACACACAAACCTTGAT  
GGTATAGCCTACTACACATCTAGGCTGTATGGCACTAATCTAATGAGATCACCATTTTATATGCAGTCTG  
TCATTGAAGGAAACATCATTATGTGGCACATGACCGTATATTTGATTGAATTTGAATAAATACTTTGCTT  
AACGGAGTTGATCTGAGTATTTTGAAATGACACCTCTATCAGGCTAAATTTTCATTTGTCTTTTATAGT  
AAATCAGTTAGC

>GBEQ2773 |Acc|CD528771|Ver|CD528771.1 GI:31567393|LeukoN3\_7\_A08.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A08\_A025 3', mRNA  
sequence.:Start:1:Stop:638

CTGCATGCTTAAGCAAAGAGCGTCCCGTGAACTGATTGCAGACATCAGTTTCCCTCAGCCTTCATGAGT  
GCCTTGAGTTACAGCCAACACCACCGTCTTAACCTCAGTTTGTAAAAACAACTTTTCTGGTGTATGGT  
AAGGCACAAGCAAGTCCCACCGCAGTGAAGATGGGGTGTGGGTGCTGGAAGTAAGGCTCTGCCCTTTGC  
CTTGATGCGTCTGTTGGCAGATGAGAATAAACTCCACCTGCCAGTTTCAGGGTCTGGATGAATTTGGTTGC  
TAATGATGTTTCCACTAGAGTGAGTGCTTCCAGCATCTGTGATTGGCTGAGCAGGAGGAGGCTGTAGTTGG  
GAGAACCTCAGCATCCTGAGCATCTTGTCAAGAACCTCACTTACCCACGTCGCCTCTACAGCCCTCCAGG  
GGACGAAATGTTGAGAATGTCCTAATTATTTCTCCACAAATAGAAAGAAGTCTCTCCAATGGGGCGGTGC  
TTGAGGGCTTAGGTTTGGAGTCTGAATACATCATTCTATGCAAAACATTTTAAATCTCCAGTTTAA  
TGATGTTTATTTTGTCTATATGTAAGTATTTTATACGGCTTGATCTCTGATAGTTTAGCAATAAAACC  
ATGAAAGC

>GBEQ2774 |Acc|CD528752|Ver|CD528752.1 GI:31567374|LeukoN3\_7\_H03.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H03\_A025 3', mRNA  
sequence.:Start:1:Stop:678

TTTTAGGCGAGTGAATCTACTCTGTATGATATAACTCTGTAATGGTAGATACATGTCTATTATACGTGTGT  
CCAAATCCATAGAATGCACAGCACCAAGAGTGAACCTAATGTTAACTATGGGCTTTAGGTGATAATGAT  
GTGTCAATGTAGGTTTATTGATTGTAACAAATGTACCACTCTGGTGGAGAATGTTGATAACGGGGGAGGC  
TATGCATGCTGAGGGCAGGGGGATATGGAATCTTTTACCTTCTGCTCAATTTTGTGTGAACCTAAA  
ACTGTTCTTAAATAAAGTGCAATAAAAAAGAAAGCGAAAAAACAGCTATTGTGATCCCAAATGTATAAA  
GTAAAAATTTATGAAAAAATGTAGGTCATCTGAAAATGCACAAATGTGCTGAGAAAAGTTTCAACA  
ATAGTATTTCAATAAGTTTATGTACATTTCAATGATTAAATGGGGTAAGAACCTAGCATTTTGGAGGTG  
GTGTATCTGTACATGTGTGTGTGTTTGTATATGCATGTACGTTATTGTACTATGAGAATTATATTGAATG  
GCATTATGACCACTGATGAAGAAGTATACAAGTGCTGCCCTACTCAGACTCCTTCCCCATGAAGCACTAA  
GGAAAGAAAATTTAATAATTGTTGAATTTTATTAAGTATTCTTTAT

>GBEQ2775 |Acc|CD528633|Ver|CD528633.1 GI:31567255|LeukoN3\_3\_G05.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_G05\_A025 3', mRNA  
sequence.:Start:1:Stop:653

TGAAGAAGAAATATGAGGAACGAATAAAAAATATAAGGCAAGAAGCTGAGAGTAATATATTTCCAAGATGT  
TTTAAATGGGATTATGAAGATGCTTTCAAAAATATGGCATATGTTTTGGAAGTAATGTAAATTTTCATTTT  
TTTCTTAATCTAGTATTTGTAATGTGGTGGATTATGTTTTCCAAAGATGGTTTCTACAGTGTCTCTT  
ATCCTACTTATTCTTCTGCTATCTGACCTTGTACTCCTTTCATTGAGTTAACGGATCTGTGCCCTTAC  
CCTGAAATTTGGATGGACTTTGTGACTGCTTTGATAAATAGAGGATAGTTGAAGCAACACCATGTGACTGC  
TCAGGTTCAAGAGGAATTGACTCATTGCTCTCTGTGCATGCTTGCCCTTTGGAAGTTGGCCACCATGTTG  
TGAGGGAGCCAGTTTGGCCATGGGAAGGCCACATACAAGGATTTCAAGTCATGGGCCCACTTCCCTGG  
ATGATCTTTTCATCTGCCAGCCTCGCAAGTGAGGTAACACAGAAGTGGACTGTCCAGCTGCCAAGTGAAGCC  
ACCTCTGATGAAGATGCAAGAGCAAAGATGAGCCACTCACACTGAGTCTGCCCCAATTTGCAGATTTCAT

GAGAAAAATAAAGGATTCTTGCT

>GBEQ2776 |Acc|CD528570|Ver|CD528570.1 GI:31567192|LeukoN3\_3\_H11.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_H11\_A025 3', mRNA sequence.:Start:1:Stop:699

GAAGGAGGACTGGAAGACACTGGGGACCCAGTACAGAGAGCTGGAGAGCCAACCTCCATGCCCTTCAGTCC  
AAACTGCAGGGAGCAGACAGTAGAGACTTACAGATGAACCAGGCTCTGCGACTTTTGGAGAATGAGCACC  
AGGAACGCAGGCCAAGATTGAATGCCTGCAGGGGGACAGAGACCTGTGCAGCTCAGACACCCACACCT  
ACAAGATCAGGCTCTGCCCTGTGTGGAGTCCAAAACCTCCAGTAACGAAGCGGAGCCTGAGGGTACAGGG  
AAGGAGAAAGACTGGGATTCCAGAGACGAGCTGCAAAAGAAGACTTTGCAGCTCCAGGCCAAGGAAAAGG  
AGTGCAGAGAACTGCATTCGGAGTTAGACAACCTCAGTGACGAGTACCTCTCCTGCCTGCGTAAGCTGCA  
GCACTGTCGAGAAGAACTGAACCAGAGCCAGCAGCAGCCTCGAAGAAGGCAATGCAGCCAATGGCTCCCC  
ATGCTGATGATGATTGCTATAGCACTGGCAGTGTCTCTGGCCAACAAGGACAGCATCATGATCTAAA  
TAATTGTGACAGCTGCCATGGGTGAAAACGGAAGCAAGAAACCAATAAAAAACTCATAAGGTTTGGGTA  
CTTTAAAGTGTGGATCTTCCCAACTCGACTGACATTTCCAGACTTTATTTTTTTTACCCTACTGCAAAAT

>GBEQ2777 |Acc|CD528302|Ver|CD528302.1 GI:31566924|LeukoN3\_1\_E04.b2\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E04\_A025 3', mRNA sequence.:Start:1:Stop:509

AGGGAATGTGTTTTAAAAATGAATTTGCAAAACCAACCAACCTGCACTCCAAAAAGACAAAAGACCCCTG  
GGTTTTTTGTGCCAAAACCTGTGGACTTGCTGGCTCAGCATCCTCAGGACCAAGCTGTTGCTTAATTTTA  
ATTTATTATTTTTTTTAAATTAATAATCCAAATGAAAACCTTGTGGGCCTAGGATGGCCTGGGTCCAAAGG  
TTCTGAAGGGCAGTCTCCTAGCAGCCCAGGCTTGCTGTGGGAAGGGCCGTGCCGCCATTTGCTCATCAT  
TCCATGGGGTATGTGCGCCACGGCCAAACCAACACAGGCCAGGTTTGAGGACAGTCCGCTTTCCACCACC  
TCCTGCCCCCTCCCGACACGCTCTGTGTCTGTGCTGAATTGTGGATCGTGCAGAAGAACCTGCAG  
CCATAGTTATTTGACTATATCTTGACCGAGGGCTTGCACTGCAAGCCAGGCCAGTGTGCTGCATTACTT  
ACAATAAAAGGGATCATT

>GBEQ2778 |Acc|CD528129|Ver|CD528129.1 GI:31566751|LeukoN3\_4\_G06.b1\_A025 Unstimulated peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_G06\_A025 3', mRNA sequence.:Start:1:Stop:494

TATTAGAGTTCAAAACAAGTTTTTCACGGAGAAACCCCTTTTGGGTTTAGTTTTAAAGGTAACCAAGTTTGT  
TTTTGAGCATTTGTGAGTTATTCTTACATTTTCAGACCAAGTGAAGTGAAGCCAGTGCCTTGAAGACT  
TTGCAGACTAAATGGCTCACTCCCAACCCGAGTATCCGTTCTCATTCTGGAAGTGAGAATTTTAGGTAG  
AAACTGGTCCCCTCCTTGCACTCCTGTGCTCTGAGCACAAGGCGCTGGGGGCCCTCGGCCCGCGCACGCACC  
GAGGACTAGCTGCCACGCAGCTGTGGCGGACCCGAAACTTCTTAGCAATCAAATGGATAGAGTGTGTTG  
CTTTCTATTTTTAAATAGGAAATTTGTTTCTAAAACATAAACTTGAATTGTGACACAATGTAATCTCAC  
TTTGCTATTGGTTTTGGGATGATCCCATGGAGGAAGTGTAAAAATCCATGAAATGTGAATAAATGGAAGT  
AACC

>GBEQ2779 |Acc|CD472299|Ver|CD472299.1 GI:31393567|LeukoS6\_5\_E12.b1\_A028 Stimulated peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E12\_A028 3', mRNA sequence.:Start:1:Stop:464

ATTTGATATCCAGCTGTACCTCTTTATAGCTCTGTACAAACAACAGAACTAGGTTGTACACACGTGGAC  
ACTAATGTTAAGGATTTCTAGATTGGCTACCATAATATAATGTAGTAGATGTAAGTAACTAGCATTTAAG  
GTTTTTTTGTATGTTAAGCAATCTTAACACAGGCATCTAATTTGCCCTTTTCATGAATTGGTGAAAACAGGT  
TTTCCAGATATATTTAGAAGAATATGCTCCTACAGGTTGCCAGAGGCTGGAGGGAGGGAGAAATGGGGA  
GTTTAATGTTTTAATGGGCATAGTTTTAGTTTACAAGATGAAAAGAATTATGGAGATAGGTGGCGGTGAT  
GGTTGCATAATATTATGAATGAATGTATTTAATACTACTGAACGTGACACTAAAAGATGATTAAAAGGGC  
AAGATTTATGTGATTTTACCACAATAAAATTTGGAGGAAAAAAG

>GBEQ2780 |Acc|CD471234|Ver|CD471234.1 GI:31392502|LeukoS5\_1\_A07.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A07\_A027 3', mRNA sequence.:Start:1:Stop:579

AAACCAGTTACACCCAGTCATCCTACTTTTCATCACCTCTCCGTCAGTGAAGGAAAGGATTCAGTGTGCG  
CTTATGCTTAGATATCAACTCTATCAGCAATCTCTCCTCTAACATGGTGGCCAAACTCGAACAAGTTCA  
CAAAGAAGTGTTAAACTGCGGTATAGCACACGTAGCCTTGCTTACTAAAGTGAATAATTACGATGAAGTT  
CTTCAAGACGACCTTTTAAACATGAGTAAATCTATGACTTCTAAAACCCAGGTAATGAATATCCAAAGAA  
TGCTAAACATTCCTATTTCTAATATCTTGATGGTTGAAAATTATGCTTCAGAGTTGACGCTGAACCCCTT  
AAAGGACGTTCTGATCCTCTCTGTGCTGAGCAGATGTTACGGGCTGCAGATGACTTCTTACAGATTG  
CCCTGAGAAAACAGAAATGGAAGACTGAGAGAGAATGAAATGCTAGAGAGAAGAAATGGAATAAAGGAGA  
AGATGTTTCACTTATCTCTGGATGAAAATATGAATTTAAGTTAATTAAAAGAGCTAATATTCCTTAAGA

ACTTATACTTTATTCTGTG

>GBEQ2781 |Acc|CD471214|Ver|CD471214.1 GI:31392482|LeukoS5\_1\_A12.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A12\_A027 3', mRNA sequence.:Start:1:Stop:405

TCACACATGTGCACACATGGTAGCCAGAGGCGCCCTCTGCTTCTCTGGCCTTGTAGCACTCCCTTTCCG  
GGGGTTATTAGTTTGGAGATTTCTTAATTAGATTTTAACTCCTGGAGGGCAGGGGCCGTCTTATTGT  
TTCTCATCACACCTTACGGCAGAGATTAAAGGGATTAGGGACTCAGAGAATCACAGCTCTGCACAACGG  
GGCCTGAGGAGATGAGAGAGCAGGTGGGTGTGAGATGGATCAGCAGGACTGGTTTCGGGCCCCCTCAGTCA  
GGGCCCTCAGCCTTCCCCAGGCTGCTCCTCTCCTCACTGTCACTTCCAACCAGAAGAAGTGTGAAGCCAG  
CCAAGGCTTTTCCCAGGGCCAGCCTCAGGGTATCTAATAAAGTCTGAACCTTCTTA

>GBEQ2782 |Acc|CD471191|Ver|CD471191.1 GI:31392459|LeukoS5\_1\_B12.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B12\_A027 3', mRNA sequence.:Start:1:Stop:593

TCAAAACCAGTTGTCCCTGTGATAGGCTTAACCTGCAGGCGCTTCGCCCTGCTGAAATGTCCCTGGGCTA  
GTGCTGCTGTTCTCAGGATGGAGCAAGGAAAGTGGGTTCCAAAAAACTGAAAAAATACGTGGAACCTA  
TCTGGTCTTGAAAAGAACC CGAACCTTAATATTTTCAAAAAATATACTTGGCTACAACACACTTAACA  
TTATTGCTTTTAGTTTTACAGGCATTGAAATTGCATTAAGAAAATACTTTAACTGGTTCTGTAATTTAAT  
AATTTGCCTTTTTGGGTAAATATTAGCATCAGTTGTGTTTGCCTTACCTACTTTGCAAGGCTTTTGGTAA  
CCTTTTCTCTCAATTTTAACTCATCAAGATGATGCTATCTGAATTAGTGAAGTGACAGCTTCCAAGCTGA  
CGAATTAGCTGTTGACAGCTGAAGTGTGTTGTACAAGATTGCTGTAACCTGATATGTATTTTGTGTAAT  
GAGGTTTTTGTAAAAAAAATTTATTTACAATGTATTTTAAATGATTCTTGTAAATGCTGTGAATCTAT  
ATTTGTTGTTTTGTATCTGTATATTTAAATTA

>GBEQ2783 |Acc|CD471180|Ver|CD471180.1 GI:31392448|LeukoS5\_1\_A02.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_A02\_A027 3', mRNA sequence.:Start:1:Stop:638

CTGCGGGAGCCCAATCGGAAGTGAATTCTGGATTGTTTGTCTGGATGGATTGGATGCTTCGGTATATGATT  
TGGATTTTCTGCCTTAAGAAAAACAAAAATATTGACAACTTTTAAAGCAGATATAAAGCCACAATAAA  
TAAATTAGAGATCTGCCAATGAAAGCTGAAGATTATGAAGTAGTGAAGGTGATTGGTAGAGGTGCATTT  
GGAGAAGTTCAATTGGTAGGTTATTTTAAATGAGATTAAAAACCAGTAACCTTTTAAATTAATAATCCA  
CTTGTATGTTTAAACATATATTATTTGGGAAAGTATGTTTTTCAAAAATTTGTTGCTTTAAATGCTCTAC  
ACATTTCTGCCTAAAGATATGAAAGCCTAATGTCAGGTTTCAGCAGTGGTGTGAAATATTTTCCCCAAGCA  
TTCATGGGTAGAGAAGAGGTTTCAAGCATCAGAAGAGAAATCTCTACTCTTAATACTAGACTATCTAAAA  
TCCTATGGAAAAGTAAGTTTTTAAATGGGAAGCAAGTACATAGCAGGGTGAAGAGAAGGATTGTCCC  
ATGGGGAATAAAGATTTTTTCTAACATTACTTGTGTCTGGTAATTAATCTTGACATTATCCAATTGGG  
ATAATCAG

>GBEQ2784 |Acc|CD470886|Ver|CD470886.1 GI:31392154|LeukoS5\_3\_E11.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E11\_A027 3', mRNA sequence.:Start:1:Stop:654

TTAAACAAAACTATTAGAAATGTAGTTTTACTATATTCCTAACATTTCAAAATTTATTCGTTGCTTACA  
AATTGATGTGGCTCTGTAGTTTATAAATGTCTGTGTGCTGATTACTTTAGAAGACCATAGAACATGACAG  
CAAGTTGGCTAATGTTATTGGAGTTTTATTGCAGTTGCTATTGTGGAAGAAATTTTGTATGTTAATA  
AAAAAGTTGGCGAAACATGGCTTTATACATCAGTATCAAGATGTGCAAGATAAATTTGCTTTTCAATTAT  
AAATGCATTGTTTACTTCCGGCACTTAGCGTTGTGGCAACAGGAGTTGGTCACCCTTTACCACTCTGAAA  
ACATAACAGAGTCCAAATGATGATTCTTTCTTGTGTTTGAATGTTTTAGTTTGGGACCTCAATTGGTTGG  
CATTTTATCATCGTCATAATTTTAAATAATTCAGATTTTAAATAGCCTACACAATTTTAAAGCATGAT  
TTGATATCTAATACTAAGGTTTTTTTAAATCTTTTGAGAGAAATGTGAGGAATGTAAAGTTTGGGGCT  
TTACCTCCCTAGCATTGTATAAATAAAGCTTTTATTAAGCTGATGTGAAAGGATCCCCCTCTTTGTGGAAT  
TAAATCTGTGCTAGAGCACTTTAT

>GBEQ2785 |Acc|CD470751|Ver|CD470751.1 GI:31392019|LeukoS5\_2\_F03.b1\_A027 Stimulated peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_F03\_A027 3', mRNA sequence.:Start:1:Stop:593

GATAGACATATAGACTAGTGGGAGAGAAGAGAGCCCGGAAACAGACTCTCCTATACAAATAAAATCAAAA  
AATGATTTTTGACAAAGGGTGCCATAACCATTCAAAATGGGGAAAGGGTAGGCTTTTCAACAAATGGTGAT  
GGGAAATGGGATATCCACGTGCAATGAATTAAGTTGGACCTTTAGCTTATACCACATACAAAATTTAA  
CTCAAAATGGATCAAGACCTACAATAGGAGCTAAAACCTACAAAACCTCAAAAGGAAATATAGGAAAAAG  
CTTTATGACTGGATTTAGCAATGATTTCTTGGAAAGTAACACTAAAAGCACAGCTAACACAAAAAAG  
TAAAGTGGACCCCATGAAATCAGTAACCTTTGTGCACCAAGGAACTATCAGTAGAGTGTAAGGCCAA

CCCACAGAATGGGAGAAAATACTTGCAAATCAGAAGAGGTAAACATCCAGAATATATAAAGAACTCCTAA  
AACTCAACAACAAAACAAACAACCCAATTAAAAACAGGCCAAAGCACCAGAGTAAACATTCTCCAATGAG  
ATACCACTTCACAACCATTAGGATGGCCATGGC  
>GBEQ2786 |Acc|CD470737|Ver|CD470737.1 GI:31392005|LeukoS5\_2\_E07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_E07\_A027 3', mRNA  
sequence.:Start:1:Stop:614  
ACCAAAAAAGAAATATGGAATTCAAATGAACACAAACAGAAAGGCCAAAGTTAAAAAGAAAATTAAGAACC  
AGAACAAAAATAAGAAAACCAAGAACTGAAGCAAGAAAAAGAGGAAAGAAAATACCAGAGTAACAAA  
CTTGGCGGTTAATACCACACTAGACTGTTCAGAAAAGACCAGAGAGGAGGGGAATTTAGGAAATCTTTT  
AGCCAAAAGATGATTCTTCATTACATTTATTTTCATATTTCCACTGGTAAATCTCCCAAACATTCTTGTG  
GACTAAGTGAAAAGCAGTCTCACCCTGAAACAAGAACATACTAAAACATGTTTATCACCAGGAAGTTC  
TGAAACATCATTACAACCTGATCTTGTTCGGTACGATAATACAGAATCTGAATCTTGCAGAAAGTTCA  
AGTGTAATAATCTGTAAAGCATAAGGAAAAAGCAAACATCAGAAAGATTTCCACTTAGAATTTGGTGAAA  
AGTCAAATGCCAAAATAAAGGATGAAGATCATAGTCCAACATTTGAAAATTCAGATTGCACACTGAAAAA  
AATGGATAAAGAGGGTAAAAACATTAAAAAAGCATAAATGAAACATAAAGAGAGG  
>GBEQ2787 |Acc|CD470227|Ver|CD470227.1 GI:31391495|LeukoS4\_3\_B01.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_3\_B01\_A026 3', mRNA  
sequence.:Start:1:Stop:562  
ATTTTGATGAGTTGCCAGGTTCTGGACCCCGTGGGCAGGGCATGTTAGGTAATCCGGATTTCCCTGGGAAC  
CAGGATATGTGGCTTTCGTTTCTGTTTTCTATCTTCTATCTGAAACTCTGGGCTTTGTGTGAGCCTAAG  
GGAGTGTTTACAGAAGGTTAGTCGTGAATGGGGAGTGGGGCACCAGGGGTGAGGGGCCATTGAGCCCA  
CTGAGAGGCAATGATTCTCCTCAAGAGGAACAGAATTCCTGCCTGGCCCGCCGCATCCCTGCAGCCTCC  
AGAGTGGTCCCGGCCGCTGAGGCTCGCCCTCTGCTGTCCACCCAGTTCAGTGGTGCGGCTGCCAT  
AGTGCCCGGAGAGGACAGATCAGGAGGGAGCCTGAGTCTCCGCGGGCTCCCTGGGTCTGGGGGAGGGTC  
TGCGTCTGCCCCGTTGTCTCTCCAGTGTCTACTAACGACCCACATTTGCTAGTGTAAATAATAGTAA  
TTATTGAGAATCCTAATTCTTTTACACAGCCTGTTTTTAACTATTTTAAATTAATAAATATATTTCT  
CT  
>GBEQ2788 |Acc|CD469456|Ver|CD469456.1 GI:31390724|LeukoS2\_4\_F10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:550  
GATTTTAAGTGTGATTTCTGGACCCCTGGATTCCACTTCTTTCTCCGCCCCACTAGGGGCTAGAAAA  
ATCTTTTGAAGTTTTATATAATCTTGTCAAATGTTTCCACTGCAAATGTGAAAAATGGGCTAGGGAGA  
GGGGGTGGTGCCCTTGATTGTTTTACCTGTTGACTCGTTCCTGATCCCCCTTCTTGGGCTCCTTGGCCTTT  
CTTTGTTTGTGCTTGGTCTCTTCCCTTGACCTGGGGGAAGGACTATGGCCAAAAGGGGNTGTTC  
CCCCATCTGCTTGCACCCCGCCCTGTCCCTCAGGGATGAGGTGGCAGAGAGAAGCTCTCGCCTTCTAT  
CTGACTGATTATCCAGGGCTCCAGCCTTCTCCTCTCCCTGCCCCACTGCCTGCCTGCCATCCAGTTCT  
CCAGCCCAATCCTGGCTTCTCGACCCCTGTGGGGTCACTCACTCCACTTTGACAATGACAGCAGAATACC  
AGGGCCTGCCTCCCAAGTGGATTTTCAATGATAATTAAGAGAAAAATCGCAACGACC  
>GBEQ2789 |Acc|CD468882|Ver|CD468882.1 GI:31390150|LeukoS3\_8\_E08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_E08\_A025 3', mRNA  
sequence.:Start:1:Stop:742  
AGGGTATTTTTCATTCATAGTAAGTTNATATGACTGACACAGAATGTGGATTTTTTCCCCCTTTGGAGTAT  
TTTTATAATGTAGGTGGATAGCTATGCCACAGCATGCATAAATTGCACATTTTGTGTTGACTTCTTTATA  
AAATATTTAATTTGAAAAATATAATTTATGCCAAAAAAGGTATACCTTGTAATTTTGCCACTAAATAGGT  
TGATTTAGCACAAAATGCAAAGTCTTAGGGCAGAGGGGGGAGATAAAAAGTTTTCATAGAGAATAGTTG  
AAAAATGTTCCATTACTGGTCTGTGCAAAACCTTAAGCTGCATTGTAAAAAATGGTGTAATAGTTT  
TGAAAAGTGGTAAGGATTTGTGAAAAAAAATCTCAGACTTAATGCTCCCTAACCACATTATTTCTTCTT  
TTTTTATTTAGTAATACGCTGCTACAGATTTGGAGGTTCTGGTGTGTTGTTAGGTCACTGAACAGACATTGA  
AATCTGATTTATATTGTATAACTGTAAATAGAAAGAAAAAGTATTTATATATTTTCCGTAAGAATATTT  
CATTGAGTTGTGTATAATTTAAATAAGATTTGTCCCCAAATGGTTTTGCTCACCCCTGATTTTGTGTGTG  
TGTGTTTCTTGTGTTTGTATAATGTGTACAGTTTATGTCAAGGGCATTAAGAGCCTCCTGAAGTATA  
ATCTTATCAAAGGGATACATTGTTAATAAATGTACTTAAAA  
>GBEQ2790 |Acc|CD468878|Ver|CD468878.1 GI:31390146|LeukoS3\_8\_H06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_H06\_A025 3', mRNA  
sequence.:Start:1:Stop:701  
AGAATAAAGTGGGAAGAATGAAGTAACGAAGACTGTGTGGTACTGGTAGAGGAATAGACATATGTTTTTA  
AGAATTTACAAAGATGTGAAAGCAATTCAATGGAGAAAGGATAGGCCTTTTCATCATGTGGTGTGAGGAC



ATGGAGCATCCACAGGAGAAAAATAAAGCTCAATCTAAATCACACAGTTTACACAGAAATTAACCAAAGT  
AGATCACGAACCTTAATTGTAATAATGTAACACTATACAATTTTAGGAAAAACATAGGAGAAAAATCTTCAAG  
TCCTAGGGCTGGGTGTTCTTTGACTTGATCTGAAAGCAAGATCCGTTGAAGTAAAAATTGATAAAATGG  
ACCTCATCAAAGTTATAAATCTTTACTCTATAAAAGAAGTTTACTTTAAAAACCTTGGCTCTATCCTGTG  
GAAAGGATAAAATGACAAGCTACAGACTAGGAGAAAAATATTTGCCAACCATATCTGAAAAAGGACTTG  
TATTTAGAATACATAAAATAAACTCCAAACCAACTCTAAAAAAGAAAAATCCTATTAGAAAGTTG  
GCAAAAGACATGAACCTGAAATTTCACTGAAGAAGATGTACAGATGGCAGATAAGTATGTGGAAGATGTTT  
AACATCATTGCGCTTAGGAAATGCAATTAACACACTGAGATAGCCCTAGACATGTATCAGTACAGC  
T

>GBEQ2791 |Acc|CD468782|Ver|CD468782.1 GI:31390050|LeukoS3\_7\_H09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_H09\_A025 3', mRNA  
sequence.:Start:1:Stop:772

AAATGATGTTATGAAAACCAATTTGAAGATTTTACATGTCAAAGAGAAGAGGGTTAAAAATTTAAAAAT  
GCTTCTTGGGAGAGAAATTNGTCTATGTTCTAGTGCCTTTCTGTCTTGATTGTATGGTCAGTAGGCAA  
TCTTAAATGTTTTATTTAAAAATAAGTATTCATGAAAAATATAACTGTATGTATACACTACTAAATTTT  
GCATTTATAGCTAAATTAATCAGAAGACTGCTTATGGTTTTAAATTGCTCTGAATTAAGAATGAGAG  
TTAATTAGAAAGTCAGAGCCTGTTCCCATATTGTGAGCAGGTGGCAATGACATGTACCACTTAAATTTAT  
TTATCTATTTGGTAGTTTCGATTTTATCTATACAATGAAAACAGCCATGAAGACTTTTTTTTTTAAAGAG  
AGTTTTGAAAATGATCACTTAACTAAACTTGAAAGCTATAAATTAGTTATCCATACTCTCATGACAATT  
TTGTTGGTGAACAACAAAAGAGATCTATTTCTTTAAATATATTTGTGCAAGAACTGCATGTAATTTCTA  
AGTTTTACTCCTAACATAAGTATGTTTGGGGAAGTATTCTATTTCTATACTTGCCATGTGGAGAACAAAA  
TAGTTTTTTAAGAATGAAGAAGTATATATCCATTCTGATTTTACGTGCAGCAGAATTATCTTCTGTA  
GGGTTTTTTTGTGATTACAAAGGTGATATTTGTATTGTACAACAATAATGGTGAAGGAAATAAAAGGC  
TT

>GBEQ2792 |Acc|CD468568|Ver|CD468568.1 GI:31389836|LeukoS3\_4\_B01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_B01\_A025 3', mRNA  
sequence.:Start:1:Stop:578

TGAATGGATAAACAAAATGTGTGTGCTTACAATGGAATAGTATTCACCCCTTAAAAAGGACGAAAGTCCTG  
TCACTTGCTACACGCTGGATGAATCTTGAGAACACGCTGAGTGAGATAAGCCAGTCACAAAGCACAAATA  
CTGTATGAATCCACTTAGATGAGGTACCTGGAGTAGTCAAATTCCTAGAGACAAAAGTGGAAATGGGGGCA  
CCAGGGGCTGGAGGGAGGGGCATGGGGAATTAGGGTTTAAATGGGGACAGGTTTCCATTGGGAATATTGAG  
AAAGTTCTGGAGATGGATAGTGGTGTGATGCACAACAGTGTGAGTGTACTTAATGCCACCGAAGTGT  
CACTTAAAAATGGTTAAGATGGCGAATTTGTTATATATGTATAAACAGTAAAGAAATGGCCCATACCCCT  
GGCATCCAGTTAACCCCACTAACACATGCATTTGTATACATATGTGTTATATAGACGTACATGGTGGGA  
AAAAATCAAGGAAAGAAAGGTGTAATAATTAATAATACATGTATTTCCCAATCTCTACTGAATCCCAGTGT  
TTCTCTGCAAAATAATG

>GBEQ2793 |Acc|CD468441|Ver|CD468441.1 GI:31389709|LeukoS3\_3\_C04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_C04\_A025 3', mRNA  
sequence.:Start:1:Stop:584

GATAAGAACAGACTGCCTGTAAACCCCTCCCCTCCTCTAGGGAAATTGAGGTCTACATACACTGTTACGA  
TATAAATTAATACAATCTTTATGGTGGCAATTTAGCAATATCTATTAACAAACAAAAACAATTGTTCCCTT  
ATGTCAGTTCCTTGAAGGATTTCTAAGAATGTATCCTATAGAAACACAAGTTTGCAAAGGTTTGTGTA  
AAGGTGTTTCATCCAGCATTGTTTTAATCATGAAAAATAAACAGCTCAAGTATCCACAAAATAAGGATT  
GATTCAATAAATTATAGTACCTTAATGCAATAGAATATTACACAGCCACTAAAAAGAATGAGGTAGTTAT  
ATATTTACTGGTATGAAGAGAATTATATTAATATATTGGTTTATACACTAAAAATAAAGTCTAAAGGAAT  
CCATACCAGTACATTGGCATAGTAACAGTGGCTTGGGCTGAGGTAAGATTATAGGGAGCATTGTTGTT  
TCTATGTTGTACATTTCTATGATGTTGGGCGTGCTAGATGAATCTGTATTTCTTTGCAAGTAGATAAA  
ACAATAAAGATAATTTTAAAGCCT

>GBEQ2794 |Acc|CD468431|Ver|CD468431.1 GI:31389699|LeukoS3\_3\_D01.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_D01\_A025 3', mRNA  
sequence.:Start:1:Stop:386

TCCCCCACTTTTTAGAGGGACAAGTGGCGTTTACGCCCCCGAGATTGAGCAATAGCAGGTTTGTGATGC  
CCTTAGATGTCCGGGGCTGCACGCGCTACACTGACTGGCTCAGGGTGTGCTACCCCTACGCCGGCAGG  
CGCGGGTAACCGTTGAACCCCATTCGTGATGGGGATCGGGGATTGCAATTATTTCCCATGAACGAGGAA  
TGAATCGTTCCTTGACATTTTAGCACTTTTGACGCTTTGAACTTGTGTTGAAAGGTGGTTATGCCTCTG  
TCTGTCTCCTGCCCCAACTGTGAGCTCCTGGAAGCAGGGAACATGACTGGCATGTGTTTACGCTTCCCC  
CAGGGCCAAGCACATGGCCTGTTTTACAATAAACCC

>GBEQ2795 |Acc|CD468273|Ver|CD468273.1 GI:31389541|LeukoS3\_2\_B02.b1 A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_B02\_A025 3', mRNA sequence.:Start:1:Stop:552  
ATCCAGACAACGGAACATTATTTCAGCGTTAAAAAGAAATGAGCTAGCAGGCAATGAGAAGACATGCAGGA  
ACCTTAAATGCACGTTACTAAGTGAAAGAAGCCAGTCTGAAAAGGCTACATACTGTGTGATTCCAAACAG  
AGGACATTCTGGAAAAAGGCAAACCTCTGGAGACAGTAAAAAGATGAGTGGTGGCCAGTGTGGGTGGGGAG  
GTCAACAGGTAGAACACAGAGGATTTTAGGGCAGTGAAACTACTCTGTCTGATACTGTATTTCATGGATG  
CATGTTCTTATACATTTGTCCACACCCATAGAATATAGAGTACCAAGAATGAACCTAATGTAAACTATG  
GACTTTGGGTAACATATGATGTATTACATAGGTTTCATCAATCGTAATAAGTGTACCCCTCTGGCAGGGAT  
GTGGACAGTGGGAGAGGCTTGTGTGTATGAGGGCAGTGCCTATATGAGAACTCTGCAAGTTTCTGAAAAA  
TTTTGGTGCGAACCTAAAACCTGCTCCAAAAAATAAATATATTTTTTAAAAACTCCAGAAT  
>GBEQ2796 |Acc|CD468095|Ver|CD468095.1 GI:31389363|LeukoS3\_1\_E03.b1 A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E03\_A025 3', mRNA sequence.:Start:1:Stop:548  
GTCCACCCGAATCAAGTAAGTTTTTGGAGGTTAAAGTAATAGAAAATTCTTTAGGGTTTGAGAGAAGAT  
GAAAGCAGTTTTCAACATATTTGCCAAACCATATTTTCTTGTGTATAATTACAGAAATTTCCAAGGTTTA  
TCTTATATGCATCAACCGAAGTAATGTAAATCTGGCCTGCCTAGAGCAAAGGTATCATTTTTTACAAATA  
CAGTTATGCCCTAAATAATTATTTTCAGCTTCTTGACTTAGTCATTTAAACTATTTATTTTAACTGTATTC  
TTAAATGCAAAGATTTTACTAGCTTTTCAAAGTCTCCTGGCCACATTTTCTCCAGGAGATACATAGTA  
TTAAAGTAGATGAATTTTAACTACTCACTCTGGATAGAATTATGAGGATATATGGTCGCGTGACTGTA  
AAGTCAAGTTTTTAACTAGCTTTATGACAGGCTACCTCTGCGCTAAGAGAAATATAATGTGAGCCACATAA  
TGTGATTTTAAATTTCTAGTAGCCACATTA AAAACATAAAAAGCATGAAATTAATTT  
>GBEQ2797 |Acc|CD467641|Ver|CD467641.1 GI:31388909|LeukoS1\_6\_D07.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D07\_A023 3', mRNA sequence.:Start:1:Stop:743  
GATTGATAAACGTTGGAGTGCTTTTCCATTTATTTAGGTCTTCTTTAACTGCTCTCAGCAATGGTTTTT  
TTTTCAGAGTATACATTTTATATCTTTTGCTAAATTTATTCCTATTTTGTACTTTTGATGCTATTGT  
AAATAGAAATGTTTTCTAAATTTTATTTTCAGATTGTTTCATTTCTAGTATATAGAAACACAATTGATCCT  
GATTGATTTTTATATTTTGATTTTGTATTCTGCAACATTGCTGAGTTTGTATTACTTCTCATAGGTTT  
TCTTAGTGGATTCTTAAATTTCTTTACATACAAAATCCTGCCAACTCCAAAGAGAAAAAATTTTACT  
TCTTCTTTCTGATCTGGATGTATTTTGTCTTTTCTTTCTGACTAATTGCTCCTGGATAGGACCTCCAGTA  
CAATGTTGAATAGGATTGTTGAGAGCAGAAATCTTTGTCTAGATCCTGATTTAGGAGGAGCATTTCAGTCT  
TTTGCCATTAAATATGATATTAATTTTGGGTTTCATCAAAGAACTCCTTTATCAGCTTCAGGAAGTTCCCT  
TCTATTTATAGTTTGTAGGGTCTTTATTAAGAAACAGTGTGAATTTTAAATTTTGTCAAATGCTTTTTTC  
TGCAATTTATGAGATCATCTTTTCCCTTTATTTGATTTAGTATGCTATAGTACATTAATTGATTTT  
CATATGTCAAACCAACCTTGCAATTCATTAATAAGTTCCACTG  
>GBEQ2798 |Acc|CD467414|Ver|CD467414.1 GI:31388682|LeukoS1\_4\_C12.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C12\_A023 3', mRNA sequence.:Start:1:Stop:717  
CAAACAGAAAGGTTCCACATCCATGAAGCAGCTTTGTCTCTTTTGATCTCTTTTGATCTTGATGCTTCA  
TGTTATGCTACGATTTGTCTAAGGGAGATAATGAAGCATGATTTTTAAACCAATACCCCTTGATAGAATC  
GTATATATGTCATTTCTGAAAGGAAAGGCAACTAAAATTTTTGAACAACTACCATGTGCTAGGAGCTCT  
ATAAATGTTTACTCCTTTAATTACGCAACATCTTGACGAAGTAGGAATTTGATGCTAACGTTCCAGAGAAC  
ATATAGCCAGTAAGTGGCAGGGTCTGAATTTAAGACTCTGAAGCCTGTGTTCTTTGTATTATCTAATGTT  
TCAGTGACTTTTATTTCTGTGCTATAAAAGTTACAGTCATTTTAGACTATTAGCCTATAAATACTGCAAGAT  
AACATATAAGAAAAAATTTCTTTGGAGTAATGTTTATATCTCTAATCCTCACTTGAATGTAGATGAA  
ACTTGGTAGTAATGAATGATAGGTTGGGAGAAAGATAGATGAAGTATTTTGTAAATTTATGTTGTCAT  
TCTTTCTATTTTGAATTTATTAATCACAACATACATCAGGGAAATACAGTTTCTCTGTTTATGATAG  
CTACCCAGGGTAGTTTACCCCTTTATGAGATAAATAATTGTCCATGAAGATTGAAATAAACTTTTTTCAT  
ACAATTTCTTTATCTCG  
>GBEQ2799 |Acc|CD467402|Ver|CD467402.1 GI:31388670|LeukoS1\_4\_C05.b1 A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_C05\_A023 3', mRNA sequence.:Start:1:Stop:545  
AATGAAACATGATGTGATCGGGTAAATATTGATCTTGCCAGTTTCTCATCTGCAAAATTACAGGATT  
AGGCTAAGTCAGTTCTTCCCAACTTTTTTACTATGAGTTACCTCAAACCTCTTATAATCTTCCCTTACCC  
CAGCCCTGTGTTTCAGAAGCTTCTGTTTATTTTTAAACTCATTGATTAAATAATAATTAATGCATTATT  
CATGTTTTAATATTGTAAAGGCCCATTTGAACTTCTGAAGAGTGGCCCCACTGAACTGAAGTAATTTTCAG



ATAATTGTAAAGGAACCTCAAAACTTTTATATGAGTAAAGTGGAAATTCTATTAGAAGCATTGAAATTTGA  
AAATAGATCATCAACTTCTATTGCTGGATTATAGATTCTGGGAGTCTGAGGTCCCTGAATTAGAAGCCA  
CTCATCTCAAAGACCTCTTCCAATTATGAAATACTTAGACATCTACTTTTTGATAGGGGAAGCCTGTATA  
TGCTCAGGTGATGAATTTATTTAATACTAAATAAAATTACATGGTCCAAAAGTG  
>GBEQ2800 |Acc|CD466701|Ver|CD466701.1 GI:31387969|LeukoN2\_5\_A02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_5\_A02\_A024 3', mRNA  
sequence.:Start:1:Stop:585  
AGGCCAGTACTCCCGGGGTGGGAGGCTCAGAAAGAGTTGGACCCTGGTCTTTTCTACCCCCAGCCCC  
ACCCGTTTTGAATGTAGAGAGACTGGTTGGTACTTTTCTTTTGGCGTGGGCTGGGGCGAGGACAGTGTTC  
CTCCCCCTGGCAGCGCCACTTGGGGCCGAGCCCTTTGGGCGTCCCTGAAGATCACCCCTCCTAGAACAGTG  
ATCGATGATCGATGATCGCATTTGCCAATTCTCTCTCTCTCCGGCTCGGGGGAGGCACTGTGCTGCCAG  
GAGGTAGTTTTACTTTTGTCTGTAAAGTGGCAGCCTGGCCTCCGGGTCCCAGCACGAGAACGCTTCCTTT  
GCACAGAATGGGCATCGAGTTTGTTCAGACGAAATGAATGTATTGGGAGGGTTTGGGGCCGAGTTGAT  
TCCAAGCACATGCCTTTTCTGAGTGAGTGTGTCTGGGGAGAGCTAGTGTGGATGCAGAGCACGGTTTTTA  
TTTTTGTACTGATATGGTAAGAGACTGTATAGCATCTATTTATTTAGATGATTTATCTGGTAAATGAGG  
CAAAAAATTATTAATAATACATTAA  
>GBEQ2801 |Acc|CD466287|Ver|CD466287.1 GI:31387555|LeukoN2\_3\_E12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_E12\_A024 3', mRNA  
sequence.:Start:1:Stop:751  
ACCTGTCAATGCCAGAGTTTCACTGTTTAAACAGACAAAATATAAGTATTGGCTAATAGGTGGTTCGTTTG  
CTGAATTCATTTGGTAGGAATAAGCCACCAGCTTTACAGTGTGCCTGCTGGATTTTAAACGTCCTTGGGG  
GCACCCACTTAAGAGTGCTCTTTTATTACCTTCTGGAGATCCCCAGAGTCAGAGGGTGGCCCTGGAAT  
TTCTCAGCTGAAGAGGATTGGTGGGATTCCCTCAGTGCAATGGCTCCACCTAGTGGTGGGTGAAGTAGAG  
GACTTCAGTCAGATGGTCCCAGAAAGAGGTTAGAGGGTCTGTGGATAGAAAGACGAATCCCTTGGACTCC  
TTACGAAATGGAGTGAGCCCTGGAGAGCACCACCAGCAAAGGCCTCCCAGGAACCTGTTTGCAAAGCCAG  
GTTGGCCACGTGCCCTTTGATTTTAAACCTTATAGGCCCCCACTCATCTCTCCAGGAGCTGGGGCAGG  
AGAGCTGACTTGGGACTGCTGGCCAGCCCGACAGGGAGCCCCCTTCCCACTGCCCTCTGCCAAGGCA  
ATACTCCCTTCTTTGTGTGTATTTCTATGTTCTTTGCCCTCCACCCCCCGCTGCCACCTTTGTGGGT  
AGGACCAGTCCCAGCCACAGTCAGAAAATGACACCATGTACAGTGACACACCTTGACCAGTCACTGATT  
TTCAGTGTGTGAAAGTGATATGATTTAGAAATTAACAAATGTTTTACATA  
>GBEQ2802 |Acc|CD466235|Ver|CD466235.1 GI:31387503|LeukoN2\_3\_F03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_F03\_A024 3', mRNA  
sequence.:Start:1:Stop:524  
TGAGATAGAATAAAATGGTTGTCTTAAGTGGGGTAATTATTTTGTGGTAATAGGTCCCAGAACACAACGT  
GTCACACATCTGAGAAATGGTAGGGATCAGCTCCTTATTTCAATGATAAACTGGTAAGTAAATGAAAGAA  
CTAGCATTTTATTCAGTCTTTTCTGTATAAACTATTTTTCGGGTATCTAAATTGTTGATGAAGGGAAAT  
TTCTCCTTGTAGAAATATTTCCCGCTCATAAATGAAGGAGGAATGAAAAGAATATCACCATTTTGCACCC  
CCTAACGAAATAAGGGTCTAGGTCTGTACAGGTGTGGGAGCCGCTGGCCACGGGCTCCTGCGTGCTTCGCT  
GTGCGCTCCTGCGGGGCTGTGCCGTCCAGTGAAATGCACGCCACGTTTTTGAGGACTTAGCATGAAGAAG  
CAAGTGTAAGTTACACATTACTAATTCCATATTGATTATATGTTGAAATGATAATATTTTGGACATAT  
TGGATTAATAAGCGCTATTAAATATTTTTCAC  
>GBEQ2803 |Acc|CD466094|Ver|CD466094.1 GI:31387362|LeukoN2\_2\_H03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H03\_A024 3', mRNA  
sequence.:Start:1:Stop:672  
AAAAATTAAACATAGAGTTACCATATGATCAGCAATTTCCATTCTAGATGTGTAAGCAAAAGAACTGAAA  
GCAGAGACTCAAACAGATATTNGTCGGAGTTTACAGCAGCATTTATGACAACAGCCGAGAGGTGGAGACA  
ATCTAAACGTCCTTCCACAGATGAATGGAGAAACAAATGCGGCGTGTCCATACAATGGAATATCATTTCA  
CTCCTAAAGAGGAATGAGATTCTGACGTATGCTACAACCTGGATGAACCTTGAAAACGTCATGCTAAGTGA  
AACAAGCCAGTCACCTATATTGTTTGTATCCACTTACACAGGTAACTAGAACAGTTGGATTCAAAGAGAA  
GAAAGTGAACAGTGGTTACCAGAGATTGGGGGGAGGAGAAATGGGGAGTTGTTGTTTAAATGGGTACAC  
AATTGAGTTTCAAGTAGTGTGAGATGTTCTCGAGCTGGACAGTGGTGATAGTCGCACACAATGTGAATGT  
ACTTAATGCCACTAAATGATACACTTTCAAATGGTTAAAATGGTAAATTTTATGTTGTATATATATTTTA  
CCACAATTGGAAGCAAAATCCTAGTTCCAAAAGGTTGAACCTTAAACCCTGAATCAACCTGGAACCACC  
TACCTGTAACCTCTTGTAAAGAGAGACAAATTAATGCTTTTT  
>GBEQ2804 |Acc|CD465983|Ver|CD465983.1 GI:31387251|LeukoN2\_1\_A11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_A11\_A024 3', mRNA  
sequence.:Start:1:Stop:699

TAAAAATGAATTTAAAAATATGGGTTAAATATAATGTTAGAAAATTTAAGTTAGCATAAAAATAGTTGAAC  
ATATTTTTTTCTTTAGGATTTTTTACTCTCATCTCCAAATCCCCAAGCGTTAGAATTTCCCTTAAAAGT  
AACTACCATGACTTGTGTTTTCTGGCACCTTCATTTACAGAAATAACATATACCATCTGAGGCATAATCTG  
TTCTTTTTAGTGTGTATGACATCTTCTAAGTAGCTGATGAGCAATAACAACCACCAATCTGCCTAGGTC  
ACCCTGGTTTACTAGCGGATTGCTGCCCAAGCTGAAAAAGGTAACCCCAGGGAATGCAGAATTTCCCTCA  
ATTTCTTCATGTTGTAACATTGGAAAAACATTATCACTAGCTAGATGATGAATTGGAAAAACAGTCTGTT  
AGAGTGAAAAAAGTCCATGGTGATGGATCATTATTTCAAAAAGAAGAAAAAATCATGTGAAAAGGAATA  
GTGGTTCCCTCTGTATGTATAGTATGCCTGTATTATAGTTTTTACAAAATTGTGAACCTGTGTAATAGTAT  
AATAGGAGATATTGTTGAATTTCTAACTGTTTATACATTTAAATTCATATATGTAATGTTTGTGTTTATG  
ATTACAATCTGAATTTCTAAGAAGCATGTTGACTTTTGCATAAAGATGCAATATGGAATGGTTCACAA  
>GBEQ2805 |Acc|CD465968|Ver|CD465968.1 GI:31387236|LeukoN2\_1\_D10.b1 A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D10\_A024 3', mRNA  
sequence.:Start:1:Stop:589  
TTTCGGTAGTTGGTGTGGCGTCTCCGATCTCCGAGAATTCCTGGCCCCGCCCTCCCCCTCCAGTGACAT  
ACTTGTGCAAGCGGTACGGTTGCGTCATGGGGCGGACGTGGGCGCTTCCGTGGCCTTGCGGGGGTGTG  
GGGCTGGGAGGAGGGTCTGGGGTGTGGCCCCGCCCTGGGGATGGGAGGGGGCGCCTGAGTCATGCCG  
CTCCCGCCTGCTGCTGGTTTCGGCCCCGCGCCCCCTGCGCCTGCGGCGGTGGTGGGGCTGCTGTAATTGCA  
GGCCAAACTTTTTCTCTTCGGTTGCGTTAGACGTGGGAAGACGGTCACAGTCTCCAGCGTGACCGCTT  
CGGACACACCGACACGATCAACCTAGACGTTCTGGTCTGAATCACAATGGAGAGGGGTGGGTGTTAGG  
GCGCTGTGAGCCGGACCGGGCCCGGTCTCTGTGAGCCGGGCCAGTTTGGGGACGGGAGAGCCTTGTG  
AGCGCGTCTGAGGGTCTGTTTACCCGTTTACTCTGGTGGATTCTAACTCCATCTATCTGGTCTTTTGCTA  
GGAACGCCAGATAGACAAATAAAGACCAT  
>GBEQ2806 |Acc|CD465732|Ver|CD465732.1 GI:31387000|LeukoN1\_7\_F08.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_F08\_A023 3', mRNA  
sequence.:Start:1:Stop:571  
AACATGGTGGCCAAACTCAACAAGTTCACAAAGAAGTGTAAACTGCGGTATAGCACACGTAGCCTTGC  
TTACTAAAGTGAATAATTACGATGAAGTTCTTCAAGACGACCTTTTAAACATGAGTAAATCTATGACTTC  
TAAACCCAGGTAATGAATATCCAAAGAATGCTAAACATTCTATTTCTAATATCTTGATGGTTGAAAT  
TATGCTTCAGAGTTGACGCTGAACCTTTAAAGGACGTTCTGATCCTCTCTGTGCTGAAGCAGATGTTAC  
GGGCTGCAGATGACTTCTTACAAGATTGCCCTGAGAAAAACAGATCTTCGACGGTACCTGGCAGGGAGC  
AAGTACTACTCGCCATTAGGATCCCTCCACGCTCCCGAGAATGATAACATGTGCTTAAATTTGCCCTTC  
TTATAGAATGGAAGACTGAGAGAGAATGAAATGCTAGAGAGAAGAAATGGAAATAAAGGAGAAGATGTTT  
CACTTATCTCTGGATGAAAATATGAATTTAAGTTAATTAAGAGAGCTAATATTTCTTAAGAACTTATAC  
TTTATTCTGTG  
>GBEQ2807 |Acc|CD465405|Ver|CD465405.1 GI:31386673|LeukoN1\_4\_A11.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:630  
CCTGGAGGGCAGAACAGCTCCAAATCAACTATGACTCTCTGGGATAGGAGCTGTGATCAGAGAATGTAC  
AAAAGACTATGGAAAATGACTAGGACGGAATGTGGTATATACATACAGTGGAATATTATTACGCCCTA  
AAAAGGAAGGAAATCTGACACATTACAACATAGGTGAACCTTGAAGACTTTATGTTGAGAGAAATAAGC  
CAGTCACAAAGGACAAATATTGTATGAGTCCACTTACATGAGGTACCTAGAGTGGTCAAATTCATAGAGA  
CAGAAAGTAGAATGGTGTGCTGCCAGGGGCTGAGGGGAGGGGGAGTGCAGAGTTATTGTTTAAATGGGTATA  
GAGCTTCAATTTTGCAAAATAAAGGGTTCTATGAATGGATGGTGTAAATGGTTGCAGAACACGCAATA  
TATCAATGCCACTGAACCGTACACTTAAAAATGGTTAAGAGGGTAAATTTCTATGTTATGTGATTTTACC  
ATAATTCTAAAAAATGACTAGGGCTGCTACTGAAGTGGGTGATAGTGGTGTAGTAAAGCTGCCCTTG  
GTCACACTTGGTACATTGTAGATGGCTGATAAATAACTGTTGCTTGAATAAATAAATGAGTTGGCCAAGA  
>GBEQ2808 |Acc|CD465394|Ver|CD465394.1 GI:31386662|LeukoN1\_4\_F07.b1 A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F07\_A023 3', mRNA  
sequence.:Start:1:Stop:600  
CAAAACAAAAGGACAGGAATTTTTGAATGAGATACTCCTTGTTTTTTTTCTTTTTCAGTGAGGAAGACTG  
TGGCTGAGCTAACATCTGTGCAATCCTCTAAATTTTATATGTGGGATGCCTCCACAGCATGGCTGGAT  
GAGTGTGTAAGTCCACACCTGGGATCTGAACCTGCGAACCCTGGGCCATGGAAGCAGAGCACACTAAGT  
AACCCTATGCCACAGGCTCGCCCCAAGACACTCCTTTTTTTTATAGTGTGTTTACAAAAAGAAACACC  
CAGTCTACTCTGTAAAATAAATGACTATTCAATGGGATTAATACTTATACTAAGTACTAGGACTTAATTT  
TGGTCAAGCTAAGTACATAATCATGAAATGTTGAGTTGGAAGCAATCTTATAAGTCAGTTATAACAGGG  
CAACTACAACCACAGCCAAATGCAGCCTGCTCCGTTTTTATATGGCCTGTGAGCTAAGAATAGTTTTTA  
CATCTTTAATGGTTGAAAAAGAATCAAAAGAAAGACAGTTCATCACACATGAAAAGCATATGAAATTTA

AATTTGTGTCCATAAATAAGTTTTATTGAACCCAAAAA  
>GBEQ2809 |Acc|CD464722|Ver|CD464722.1 GI:31385990|LeukoN4\_6\_D11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_D11\_A026 3', mRNA  
sequence.:Start:1:Stop:209  
CAGGTGAGTGGGAAGAAAAGGCCAGAGAGCTAACGTTTCTTGAGCACCTGCTAAGTGACTGGTTTTACTGG  
GGCATTTAACCTCACTGGAGTATAAACATTTGAGGCTCTGTTGCAACAACCCAGCTCTGCCTCGGGACCCA  
CAGACAATATGTAAATGAATGGGTGTGGCTGTGTTCCATTAAACTTTTATTATGATCACCGAAATTTT  
>GBEQ2810 |Acc|CD464606|Ver|CD464606.1 GI:31385874|LeukoN4\_1\_H11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_H11\_A026 3', mRNA  
sequence.:Start:1:Stop:488  
GATGGTTTCAGAATGTCGGGATACAAGAAGGAATAGAAACTGATAACTGTTTTAAATAATCTGTAATTTT  
AATTTTTTTTTTGTGAAATACATTATATTGTATGTTTGAGATAATTCTAGTACAAAGTATAATAAACTA  
GATGTATAATAAACCCCTTTAAATCATTTGGTAAGTGTACAAGTGAAGCATTACTGGACAAAGTA  
ATGTTACTCTAATGGTTACTTGCTCGTGGCTGGCCACACTGTGTATAATTTGCTTCATTACCTTGCTAT  
TTGATACATAGTGTGATTTCTCTGCTGCTGTAACGATTGTAATGACAAATTTTCATCTTACTGCACAAC  
CAAAATGGCATTGTATAGGAATGAACCTCCGAGGCTGGGCCTGAGCAGGGAGGTGGTCCCTCAGGCCTGGTG  
CTCAGTCGTATGACCTGTACCTCTCCACTTTTGCCTATCTGTTAAATATATGCTATGTCATTAAATG  
>GBEQ2811 |Acc|CD464572|Ver|CD464572.1 GI:31385840|LeukoN4\_1\_D09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_D09\_A026 3', mRNA  
sequence.:Start:1:Stop:664  
CTCCCATTATTGCTTCCATATCAAGGCAGCAAGTCCATTAAATAAAGTACAAAACCACTCAGTAGCTCTT  
ATTAAATAATTTTTCTTCTTTTTAAGAGTATACAAGGTGGGATATGCCAAGATAACAAAATAATATGTAT  
GAGTATAATTTTAAACTGTGGAATATCGACTGTATTCTGAATGTGTTTGTATAAAATATCATTTAGATGCC  
ATTTTAAATATTTACATTTTAGCAAGACCTTTAAAAACAACCTCATTTTCAAGTAAAAATTTGTTTCG  
CCAGGCTTCTGGCAAATAGTTCTTTCAACTGTGAAGTTATAATGTATATATATATTTGTATATTTATAA  
ATATTATATATATGCATATATCCTTCATTTTAAAGGTACATTGTACAGTCCATAGTTAGTATGTATAGTC  
TATAGTCTCTGTTAAATGGTCAAGATGACTGTTTTTATAGAAAGTCAAATCACCAATGTGACAGAGTTTT  
CTGTTTGGTTTGGTTTTTTTATTTTTTGAATATTGCATAGCAACTAATTCGGTATCTTTTGTATTACATT  
TGCATTTTATTTTGGTTGAAGGGGTGCTTTTGTAGTTTCGTGGCATTGTATTTCATCACTCTTTCAATCA  
TGTAAGTTAAAAATAAAATTATTTTTGGATTACT  
>GBEQ2812 |Acc|CD464435|Ver|CD464435.1 GI:31385703|LeukoN4\_4\_A10.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_A10\_A026 3', mRNA  
sequence.:Start:1:Stop:312  
CAGGGCAGGTGAAACGGCACAAAGAAATCAAGCAAGTGGGAAGGAAAGTGCCATGGGGCCACCTCCTGGC  
CCGTTCTGACCAACCCAGGGGCTCCAGCGGGAGATGTGCTCTCCTCCTCTGGTCCCACGGATGACCC  
TGGTCTTTACTGTGTAGCCGCAAAAAACATCCGCCAAAGGGAGAGAGGAGAAGAGAATGCAGAAAATGT  
GGCATTGACATTCCAGTGACGATTTCACTGATATTTAGTACTATTTGATTGCTAACATGACTTTCTTT  
ATGTGATTTTATATTAATAAAATGACTTTT  
>GBEQ2813 |Acc|CD464360|Ver|CD464360.1 GI:31385628|LeukoN4\_3\_H12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_H12\_A026 3', mRNA  
sequence.:Start:1:Stop:631  
AAAAATAAAAAATATAAGGCAAGAAGCTGAGAGTAGTGTATTCCAAGATGTTTTAAATGCGATTATGAAGA  
CACTTTCAAAAATATGGCATATGTTTTGGAAGTAATGTAAATTTGATTTTTTTCTTAATCAGCTATGATT  
TGTAATGTGGTGGATTATGTTTTCCAAAGATGGCCATGCCAGTATCTTCTATCCTACTTATTCTTCTACT  
ATCTGACCTTGTACTCCTTCCATTGAGTTATGGGATCTGTGCCCTTACCCTGAAATTGGACAGACTTTG  
TGACTGCTTTGATAAATAGTGGATAGTTGGAGCAACACCATGTGACTGCTCAGGTTCAGAGGGAATTGA  
CTCGTTGCTTTCTTGGGGTGCTTGCCTTTGGAATTTGGCCACCATGTTGTGAGGGAGCCCCAGTTGCCCA  
TGGGAAGGCCCCACATACAAGGATTTCAAGTACAGGCCCATTTCCCTGGCTGATCTTTCATCTGCCAGCC  
TCGCAAGTGAGGCAACACAAAAGTAGATTGTCCAGCTGCCAACTGAGCCACCTCTGAGGAAGGTGCAAG  
AGCAAAGATGAGCCATTCCCACTGAGTCTGCCCAATTGCAGATTCATGAGAAAATAAATGATTCTTG  
C  
>GBEQ2814 |Acc|CD464216|Ver|CD464216.1 GI:31385484|LeukoN4\_2\_G03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_G03\_A026 3', mRNA  
sequence.:Start:1:Stop:616  
CATCCATTCCCGTACTACTGATCCCTTCCAAATCTGTAGCCCAGACTTCTCTCATGAGCTCCAGATCTAA  
AATTCTAAGTGTCTACTGCACATCTTACCTGGATACCCAAAGGCACCTTAATCACTCTGTGTCCTGAAA  
TGAATTCCTCATCTTTCCCCAACTCTTCTCTTGCCTTCCCTAACTCACTTAATATCTTTACTATCCAC

1037

caballus cDNA, mRNA sequence.:Start:1:Stop:458

GCACGAGGCTTTTCAAAGTCCATTCCGCTGTACTAATAGAGGACGTTCCCTTCACCGAGAAAGATTTTG  
AGCATGGCCCCCAGAACATATACAGCCTGTACGAGCAAGTCAGCTACAACCTGTTTCATCGCAGCGGGCCT  
TTACCTCCTCCTCGGAGGCTTCTCTTTCTGCCAAGTTCGGCTCAATAAGCGCAAGGAATACATGGTGCNG  
TAGAGCACTGTCCGCTTTCCCCGCTCCAGTCCCCCTCTATTTAAAGACTCCCCCGCAGCCGTTCCCA  
CCCCCACCCTATTCTGGAGCCGTCTGCGGGACAGGGCTTCCTGGCGAGAGGCTGAATTCCTTTTTCTC  
CAATCTCTGACGCCCGCCCCACTGGAGGGAGGCTGGGGCTGGCCGTTGCCTGTCCCTCCGGCCCCGTCG  
CCTTGTCCCGTACCACAATAAAGAGAACTGCACCTCT

>GBEQ2821 |Acc|BM735556|Ver|BM735556.1 GI:19056889|MON01\_21\_F11.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:4:Stop:530

TCCCACCCCGAGAGAAAGCTTCAAGCTTGCAACCTGTAGGAAGAATCCGTCTGCATGACCGTTTACAAGT  
GTAGAAACACACAGACTCTACAGGGAAAATTGTTTCTTCCATGGCATCTTTGTTCTATCCCCCAGCCCCCT  
GCCCATCTCCAGCACTCAAATGAGCCCCCTGGCCCCCACCACCCCCAGTCCAATCCTTTGAACCCATGT  
CCCGAGGGCCTTGATGGAAGCGGAACGTCTCCATGAAGAGCCGAGGGTCAGAGAGGACCCCTGAAGTGA  
ATCAGGGCCCTGCGCTGCCCTGCCACAGCTCTCTTCTGGCAATCGCCTCCTGCCAAGCTGCAGGGTC  
CTCTGGCCTGTGCTCTCCTCTGTGTGGCTAGCACAAAGTGTATATATGTTTTGTACCTCTGCCGATGACTG  
TACATAGTGTATGAAAGTTATTTAAGCCCCATGCTGTACATTCTGTTCCTAGACTGGATGTGTGTGTGT  
GTTCTAAGAAGTTGTCATAAATAAACCTGAATGACC

>GBEQ2822 |Acc|BM735445|Ver|BM735445.1 GI:19056778|MON01\_20\_E09.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:544

GCACGAGCGGCACGAGGCAAGACAGGAGGAGGGTCATCCTGAGTGAGAGGGGGCGTCGCGCCGAGGGTC  
TGTGCCTTCGTGACGATAACTCTCCCCACGGGCGTGCTGGGTATGGATTTTGTGGCTGCGCCTGGTGTCT  
CATGGCCGTCACAGGTGAGCTGGCATGTGGCGTGGCTGCTGGACCTCCCCTTCTCCAGATGAACACTGA  
CAGAGTGGAAGGCAGAGCATGAAGACCTGCAAGAAATCACTTGGTTTGGTTTTGATGTGATTTCCACTCC  
CCTTCCCCACGCCATCTCTGAGAGGCTTTAGCTGCCTCCCTAAAAGCACATTCTGAGCACACTTACGAT  
GTTTGTATTAGAGGGGAGGCTGCACGAGTTTCCCTCCCCGGGTAAACACTGCTGCTGCAAGTGGCAAGT  
TGACTTGTAGAATTGGAATGCAAGTTTATGCTCTTCTTAGACAAGGTAATCAGAAACGGAATCAGTGCAGG  
CAAAGTCTAGGATTTGTTGATCATTTGAATAAAAGTATGAGTAAGAGAAGTCTG

>GBEQ2823 |Acc|BM735328|Ver|BM735328.1 GI:19056661|MON01\_18\_D03.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:18:Stop:595

ACAATTGGAATCATACAATATGTAGCCTTTACAGATGGCTTCTTTCAITTTAGTAATATGCATTTAAGTTT  
CTTCTGCGTCTTCAATGGCTTGGTAGCTCATTTCTTTTAGCACTGAATAACATTCCATTGTCTGGATGTA  
CCACAGTTTATTTATTCATTCTCTCTGAAGGACATCTTGGTTAGTTGCTTCCAAGTTTGGCAAGTAA  
GCACAAGACCCCCACTACAAGAAATCCTCAAGAAGGCCTTCATACCTGGGGGGAAAAAAGGGAGAAAGG  
GGTTACAAGAGCAATAGTAATAGGTAGTAGAATAGAACAGCAGGATAGCAAAATACTCAAGTATAGCATTA  
AGACAAAGGGAAGGAAAAACCAAAAAACGAAGATAATCTTGTCAATTTAACCACAACTCATAGCACAAAG  
ATGGAATAAGACGTGAGAAAAACAACCTTAGGAGGGGAAGAGAGAAGGTACTGAATCAGTTTAGTCTAAGG  
AAATAAGAGGCCATCAGAAGAGGGGCTATCTTATCCATGAGATTTTGAATACAAACGTCATGGTAACCAC  
TAACAAAAA

>GBEQ2824 |Acc|BM735063|Ver|BM735063.1 GI:19056396|MON01\_23\_D10.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:1:Stop:629

GATAAAAAGGACTGATGGGATTGTCCCAAAGGATCTCATTGTTTAAAGATGGACCTGATAATATGAAGC  
ACCTTCTTTATACTGTCTCTGACCTTTTCTCTGAGACCAGAATTCGGGATAGATAGTTTCATTTTACC  
TGATACTAATGAGAAAAACCGCAGTAGTATTTATATTTTAAATGTATTTAGTTATATTTAATTACCTCAT  
TCCTGAGTTCTTTCTCATTAAAGTAGCTTTCATTTCTACTACTGCTAGAAGGTTTGTGCCACTAGACAC  
TGTTCTCTAAATTACCTACGAATCCTTGGGCTCTAGCTTTTATTCAGGCTCTTCCAAATTTGAGTAGAGTA  
CAATTGTACTGTGAAACAGTGCAGTGAGACTGTGCAGTGAAATGAAAGGTCATTTTGGAGATGATAATGA  
CTTGAAATATAAAGAGAGGATTACTGTCTAACAATGGAGCTGTTTATCTATGAAAATAGTAGTTACTGTT  
TATTGCTCTAGGGAGACAGGAAAATAGAACTTTGAAAAGTGAACACGTTTGTCTCAATTGTCTAATG  
TGTATCTTAAAGTTCTAATCCTTGTGTCATTCCTTCTAATCCTACAAAANTGTATTAATATTCAGTTT

>GBEQ2825 |Acc|BM734930|Ver|BM734930.1 GI:19056263|MON01\_14\_B06.g1\_A005 Monocytes (MON01)

Equus caballus cDNA, mRNA sequence.:Start:5:Stop:649

CTTCATAAAAGAAAAGAACAGGGAAGGTAAATAGCCATTTCTCTGAAAAGAACAGTATTGTCTATC  
CAAGAAGGACTTTGTGGCCGAATCAGTGGTGCCCGCTCGATTCCGGAGATGTGCTTTGAAAACATCCCTGT  
GATCAGTACTGGGGGAACACAGGACCCCGACGCTGTCCAGGAAATCATATCTGTTGCTTCAACTG  
CTGTGTAATAATTAACCTTTGATGTTGAGAAATTACAACCTTCATCGCACACTTCAAGTTCACGATCTAAA  
AATGAGTTTTGAATTTCTGTTGAGTCCCTTTAAAAAAGTAACATCAAATCACAAAATTAAGATTGATGC

GTGTTAAATCATATCTAAAACCAGATATAAATACAAATTTTATTTCTGTTTAAATTCAGGAGAACTGT  
CTGGGAAATTTATTAGGTAACTTTTATGAATTACTGTCTCATTTTCAGTCGTACCCCTGTGATCCCAACAA  
GCTAATGTCTGTCTTCCAAGATACGCATAGTACATATTAATAAATCTATAAGGTTCTGTATAGTTTTCA  
TTTAATTATTTCATTAAAGAAACATTTATTTTCTTATTGTAAGTGTGAAGCTTTTTGATTGTTAATAAAAG  
AATCTGTCAACTACC

>GBEQ2826 |Acc|BM734683|Ver|BM734683.1 GI:19056016|MONO1\_11\_G03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:21:Stop:541  
TGGCAGGAGGTCCTGCAGGGAATAGGTGTGCGTATTGTCTTACAGCCAGTTTGGATGCTGAAAGGTCAGG  
ATTTGTTGAAGCTCACTGTATTGCTATATTTTGTAGCCATTTAAACTCTTAATAAACTGTTTCATCATTT  
CTGTTTTCTGCTGTAGGCGTTTTGCTTATAGCATTCACATTTTTCTTGACATCGAATAGTTAACATTTAAAT  
GTCCCTCCTGTGCTTGTGTTGTCTTTCACTGCTTATATGGAGTTTGTCTTGTGATTGGAGTTTACCTCAGT  
GTACACACACACAGTGCACGCACACGCATTTCTTCTACTTCCAAACTCACCTTTTAAAGTAATAATGCC  
ACACTTTACCAGCAATTAACCTTCTCCCTCCTCAAAATATTTCTTCTTCTTCTGCTGAAAATGGAACATA  
TTTCTCTTATTCTTTGAGTATGTTTAAATAAATGTAATGAAGTGAAGTTTTTTCGAAATGTAAAAATTCACG  
TGCAGTTTCATAGTAAGCAATAAAACAAAATC

>GBEQ2827 |Acc|BM734649|Ver|BM734649.1 GI:19055982|MONO1\_11\_C09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:470  
GCACGAGCATCACTGTCCAAATACCCATTTATTTATTTATTTGAGAGTATTAGGAGAGAGGAAAAGAGGAT  
GGGATGTTTTGAAAGCACTTTTCAACTTACCAGTATTTGAAAATCCCCTGCTGCTGTGGGGAAAAGCTTT  
GAATGCACTGAAGAGAGTTCTTTTTGAATGAAATGAGAGGGGAAGAAGTGTCTTTTTTATAAATAAAGGG  
AAAAAAGTTTGCTTACAAGGTGGAGACTAGATTCAAGACATAGCAGAAGAGTGGAAGGTAAGTATTTTC  
CCCTTAAATGAGGCTGTTTTTGAATTTCTTACCAAGTTTTAGAGCTTTTGTGATTAAACATAAGAGG  
AGCAAGAGTTTAAATAGAGGTGGTGTGTTGTGTTGTACAACCTGTGTTTTGAAGTGGATTCTACTTGT  
GTATTCATACATAGCTAACAGTTCATTGTCATCTTTAATAAACCAAGG

>GBEQ2828 |Acc|BM734619|Ver|BM734619.1 GI:19055952|MONO1\_10\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:2:Stop:486  
CCTCCCCCAATAGACCTGCTGCAAACCAAGGGTCATCCAGAGTCAAGACCAGGGACCTGTGGCTGAAAC  
TACAAGAAACACAAGGCCAATGTGGTCCCAGGCTGATCTTGGTTAATGGTTCTCACGTTTGGGCGACC  
TGACAAAGGACCCCTGTATGGGCTGAACGTGTGCCCCCAGAAATGCATATGTTGGAGTCCTAACCCCGGT  
AGCTCAGAATGTGACTGCATCTGGAGACAGGGCCTTTAAACAGGTGATTACGTTAAATGAGGTGATATG  
GGTGGCCCTAAACCAAGAGGACCGGGTCCCTATAAGAGGAGATCAGGACACAGATACGCAGAGAGGGAC  
GACCATGTGAGGACCACAGGGACACGGTGGCATCAGCGAGCGAGCTGAGAGAAGAAACCCAGCCTGCTGG  
CAGCTTGATCTTGGGCTTCCGGGCTCCAGAACTGTGAGCAATAAATTTCTGTTGTTTAAAGCTCC

>GBEQ2829 |Acc|BM734550|Ver|BM734550.1 GI:19055883|MONO1\_10\_A07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:434  
GCACGAGGTTTTGGGACCCCAAGTAGGGCAGGAGGGGCTGTTTTGGTCCCTACTTCCAGCGTCATTCCCT  
GCCATCACTTTGGAGCGTGTGGGCTCTTTGCCCCGAGATTTGGGCATTGCCAGCAGTTGGGGTCGCTC  
CTCCAGCCCCAGCCCCACTGCTCCCTCGGAAAACAGCCCCCTGTTTTCTGGGCGAGCTTCCCTTGGGA  
CAGAACTTGAAACAAACAAAACCAAGTTTTTGGTGACTGTGGCTAGAGGGGCTGAGTGTCTCTTT  
TTCCAGGGTGGGCGGGGTGACAGCCGCCGTGCTGCAGCCTTGTCGCCCTGCCCTACCCAGGGCCTGC  
CCCTGGCCTCAGGCAGGGTCCCCAGCTTCCCTGATGTAGGAACCAGATTGCAGGCTGTGCCACCATTA  
CAAGAGAGCCTGTG

>GBEQ2830 |Acc|BM734529|Ver|BM734529.1 GI:19055862|MONO1\_9\_G04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:99:Stop:496  
CTGAGCACTTTCTCTCCCCATTTCATGGATTAGGGAAGACACCAACCGACCTGTCCCCACAGTCCCAT  
CAGCCTCTCTCCCCCATCACCTTCCACCTAGGCAGAGGGAAGGCAACTCCTAACAACCGGTGCACTGTGTA  
AACACTGGTGCAACAGCTAGTTCCGTGCCCTCCATTTCCCATCTGTAAATGGGTACCCATAGCCACTGGT  
GGGATGCACTGGGATGTCAAGGGGCAAGAGCAGAGCATACGTACACCAGGAACCTGCTTTTATACATTT  
TGTACAAGGACTACTTTGAAAATAAGCATATTTCTCTCAGTTGGTTCAATGAATGGCAGTACCACATCA  
CATGCTATACTATTCAAGGTGAGACTTTTCTAATAAACCTTTTCTGAT

>GBEQ2831 |Acc|BM734494|Ver|BM734494.1 GI:19055827|MONO1\_9\_D01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:262  
TGGCAGCAGGAAGCAAGCAGCCGCTCTCCATCTGGCTGCAGGGAGCTGGGACAGAGGCCAAGAGGGGCC  
CATCTGTGCGCTGCGTCTGCTGCGAGCTCCTTCAAGTAGGCAGGGCTGCGGCGGGGATGGGGACAGCTGT  
CTGGCCCGGGTCTTCTCAGGCCAAGATGCGAATGGGGGCCACTTTAGGAGGGTGGGAAGTTGGGGTGGTT  
TTTTTAAAGTTTTTATTTTCTTCCACTTCTTAAATAAACATGAATATAT

>GBEQ2832 |Acc|BI960967|Ver|BI960967.1 GI:16319170|MONO1\_3\_C08.b1\_A005 Monocytes (MONO1)



Equus caballus cDNA, mRNA sequence.:Start:1:Stop:539

GCACGAGAGCTGCACCCGGTTCGGCTCCACTTCTTCTTGGCCACAGGCGCCGACTGGACTCGCGGGCTGG  
GCAGGATGGTGGTGGGTACGGGCACCTCGCTGGCGCTCTCCTCCCTCCTGTCCCTGCTGCTCTTCGCTGG  
GATGCAGATGTACAGCCGCCAGCTGGCCTCCACCGAGTGGCTCACCATCCAGGGGGGCTGCTTGGCTCC  
GGCCTTTTCGTCTTCTCTCTCACTGCCTTCAATAATCTGGAGAATCTTGTCTTTGGCAAAGGCTTCCAAG  
CAAAGATTTTCCAGAGATTCTCCTTTGCCCTCTGTTGGCTCTGTTTGCATCCGGCCTCATCCACCGAGT  
GTGTGTCACCACGTGCTTCATCTTCTCCATGGTGGTCTGTACTACATCAACAAGATCTCCTCGACTCTG  
TACCAGCAACAGCTCCAGTCTCACACCAGCCAAGGTACGGGCAAGGGCAAAAAGAGAACTGACCTG  
ACTGTCCAATAAAGTTGATTTCTTTGTAAAAA

>GBEQ2833 |RC|Acc|CD535826|Ver|CD535826.1 GI:31578241|LeukoN5\_5\_A04.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_5\_A04\_A027 3', mRNA  
sequence.:Start:1:Stop:679

GCAAAGGTCAAATAATGACTGTTTTATATTGGGACAGTACAGTTCATATTTCAACCAAAGACAAAAATG  
CAGTTTAACTCAAAGGCACAACAATTAACACAGAAAAATAATGACATCTCTCAGATGCCTTATTTCTAA  
ATTAACAAACAATAACACAAATTTTGTCCCTCCCTCCCCAATGCAGCCCAAGCTTTTCCCAAA  
GTCTTGAGTTTCGATGCCGTACAGCATCCAGCATCATGGACTCGTGAGGCGCTGAACGGAGCAATTACA  
CAAATGCTTGTGAGGTCTAGCGAATGGCATTGCAAGGGGACCTCAAAGTGCAGATATATCTATTCAAAC  
GTGTTACAGGCTGAGCTGGCTCTTTGAACACTATCACTCTGCTTAAATTCAGGAAGCAGGCTTTAAAAAT  
GCAAAAGGCATACAAGTTGTATTTCAAGTGCAAATCTTCAGCTGGTAATTGGAAGAGATTCCAACAAGAAA  
AAAAATCCTTTGTGTACCTGCCCCCTCCCCCTACCCAAAGCTGAAATGAAAAAACAAGAACAAA  
ACAAAACAGAAGGAATTACAGATGACTTTGGAATCATTTAGGAATCCACTACTTCCAAGTAACTTTT  
TTAATACATTAAAGAATCATTAAGAAAAAACCACAAAAGTAATCT

>GBEQ2834 |RC|Acc|CD528842|Ver|CD528842.1 GI:31567464|LeukoN3\_5\_F06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F06\_A025 3', mRNA  
sequence.:Start:1:Stop:788

AAGAAAGAATAAACTCTCACTATTTGCAGATAGCATGATTTTATACATAGAAAGTCATAAAGACTCCAC  
CAAAAGACTGTTAGAACTAATCAACAAATTCAGTAAATTTGAAGGATACAAAATCAACATACAAAATCA  
GTTGCATTTTCAAACAGTAAAAACAACATATCAGACAGAGAAATTAAGAAAACAATCCCCTTTACAACAG  
CATCAAAACATAAAATACCTTAGGAATAAATTTAACCGTGGAGGTCAAAGATCTATACACTGAAACTAT  
AAGACACTGATGAAAGACATTGAAGATACAAGTAAATGGAAAAATATTCATGCTCATGGATCGGAAGAA  
TTAATATTATTAATAATGCCATCTATTCAAAGCAATCTACAGATTCAATGTAATATCTATCAAACTTCC  
AATGGCATTTTTCACAGAAATAGAACAACAATCCTAAAGTTGTATGGAATCACAAAAGACCGAAAAGA  
TAGCCAAAGCAATCTTGAGAAAGAAAAATACTGGAGGCATCACACTTCTGATTTCAAAATATATTACAA  
AGCTACAGTAATCAAAACACTACGGTGTAGCATAAAAACAAGTATATCAACCAGTGGAAATAGAAATAGAA  
AGCCCAAGATAAATGCTCACTATTACAATAAATTTCTCAACGAGGGTGCCAAAAATACGCAATGAGAG  
AAAGAACAGTCTCTTCAATAAATGGTGTGAGAAAAGTGGATGGCCACATGCAAAAAGAATGAAATGGGA  
CCTCTATTTTATAACATA

>GBEQ2835 |RC|Acc|CD470886|Ver|CD470886.1 GI:31392154|LeukoS5\_3\_E11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:654

ATAAAGTGCTCTAGCACAGATTTAATTCCACAAAGGAGGGATCCTTTTACATCAGCTTAATAAAAGTTT  
ATTTTAACAATGCTAGGGAGGTAAGCCCCAACTTTACAATTCCTCACATTTCTCTCAAAGATTTAAA  
AAAAACCTTAGTATTAGATATCAAAATCATGCTTAAAAATTTGTAGGCTATTTTAAAAATCTGAATTATT  
TAAATATTATGACGATGATAAAATGCCAACCAATTGAGGTCCCAAACTAAAAACATTCAAACAAGAAAGA  
ATCATCATTTGGACTCTGTTATGTTTTCAGAGTGGTAAAGGGTGACCAACTCCTGTTGCCACAACGCTAA  
GTGCCGGAAGTAAACAATGCATTTATAATCTGAAAGCAAATTTATCTTGCACATCTTGATACTGATGTAT  
AAAGCCATGTTTTCGCAACTTTTATTAACATAACAAATAATTTCTTCCACAATAGCAACTGCAATAAA  
ACTCCAATAACATTAGCCAACCTTGCTGTATGTTCTATGGTCTTCTAAGTAATACAGCACACAGACATTT  
ATAAACTACAGAGCCACATCAATTTGTAAGCAACGAATAAATTTTGAAATGTTAGGAATATAGTAAACT  
ACATTCTAATAGTTTGTGTTTTAA

>GBEQ2836 |RC|Acc|CD468240|Ver|CD468240.1 GI:31389508|LeukoS3\_2\_F11.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F11\_A025 3', mRNA  
sequence.:Start:1:Stop:601

AATGTGGTAAACTGGTACTTTATCTCTCCCTCCCCAAAACCCATAACCCAGTCCAATCATGAGAAAAA  
TTCAGTCAATAATTCCAATAGAGGGGCATCCTACAAAATACTGAATACAAAATCCTACAAAATAAAAAAT  
CGAGCAACGTTTGGAGAAACGCTCTCATCAAGAGGACCCTTAGGAGACATGATGAGTAAATGTAATGTGG  
GATCCTGTATGGAATCCATTTCTTTCTCCCATCTTTTGGCGTTGTTATAAACATAAACTCTTCAAAT

TAAC TTCATTAAAGGAGTGAATCACTTTGATTGGAGAATATAACTGGGATCCAAC TGTGGACTCTATGAA  
ATTCG CAGTCCTCAAAGAAAATACATCATTATACCATTTCTAAACCAAATATTTCTTTGATACCTCAATTTT  
CAAATAGAAAATTTGTTGGGTGAAGAACTTTTCAGAAATGACCACTAGTCCAACTAATGACAAAGTCCCTGCA  
TCTTTATCAAATGAATATTTATAGTCATATCAGTTCATTGACTATATCTTTTAAAAATAAATACCAACT  
TCATCTTTTGGTCCATGAATGTACTCTGCGAAATGGGTCAG  
>GBEQ2837 |RC|Acc|CD467641|Ver|CD467641.1 GI:31388909|LeukoS1\_6\_D07.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_D07\_A023 3', mRNA  
sequence.:Start:1:Stop:743  
CAGTGGAACTTATTTAATGAATGCAAGGTTGGTTTGACATATGAAAATCAATTAATGTACTATAGCATAAC  
TAATAGATAAAGGGGAAAACATATGATGATCTCAATAAATGCAGAAAAGCATTGACAAAATTTAAAAT  
TCAACACTGTTTCATAATAAAGACCCACAAACTATAAATAGAAGGGAACTTCCTGAAGCTGATAAAGGA  
GTTCTTTGATGAACCCAAAATTAATATCATATTTAATGGCAAAAGACTGAATGCTCCTCTAAATCAGGA  
TCTAGACAAAAGATTTCTGCTCTCAACAATCCTATTCAACATTGTACTGGAGGTCCTATCCAGGACAATTA  
GTCAAGAAAAAGAAAACAAAATACATCCAGATCAGAAAGGAAGAAGTAAAATTTTTTCTCTTTGGAGTTG  
GCAGGATTTGTATGTAAAGAAATTTTAAGGAATCCACTAAGAAAACCTATGAGAAGTAATAAACAAACT  
CAGCAATGTTGCAGAAATACAAAATCAAAAATATAAAAATCAATCAGGATCAATTGTGTTTCTATATACTAG  
AAATGAACAATCTGAAAATAAAAATTTAGAAAACATTCTATTTACAATAGCATCAAAAGTAACAAAATAG  
GAATAAATTTAGCAAAAGAGTATAAAATGTATACTCTGAAAACATAAAACCATTGCTGAGAGCAGTTAA  
AGAAGACCTAAATAAATGGAAAAGCACTCCACGTTTATCAATC  
>GBEQ2838 |RC|Acc|BM781443|Ver|BM781443.1 GI:19129675|MLN1\_8\_A02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:9:Stop:596  
CCTAGATGTGATTGCCATATGTGTATATTAATCTCTCCAACAGCATTAAC TGAAGGTTTATCTGTAT  
TACTGAGAAACATCTGTTCTTACCAAGAAGTAGTCACATTGTCATCTGAGTTATAGGCAGGTTGGGTAAC  
TTTGGTGTTAGATCAAGGAAAATTTCTGGTAAATAGAAAATGAAGAACTGGTAGAGAGGCAAGGATGGTG  
AAAATAAGAAAGTGGGCAGAGCATGCAGGAAATGAAAAGCCAGACTAAGAGAGAGGAGCAGCTGAGAGGTA  
GGGTTAATGAATGCTATTTCAGCCTGCTCAGCTCCTGTTTCGTGGAAACACTGCCTTGCAATTATCGTATA  
GTCTTTTGTGTTAAGCTGTAAAGTTTGTCTTTTGTGTAACATGGTTATTTTGGGGGAGGGTGAAGGGA  
GTGAGGAAATGCTATTTCAAGAAATTTTGATGCATAAATGTTGGTTGTTGAGTTTGGATGATCCAGTA  
AAGTGTTTTAGAGCGTTTTCTAGCCCATACCCCATCAATAAACATAAAAATCACATTTCCCCTAATGTC  
ATTTGAAATTTCAAATAAATATATCTA  
>GBEQ2839 |RC|Acc|BM781149|Ver|BM781149.1 GI:19129381|MLN1\_5\_E12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:613  
TGGGCTGGGCTTCCATTCTCCACCAGCAGCTCCAGTATCCCAAACCTTCTAGTCCTGCTGATCCTCTCA  
GCACCAGGGGTGGAACCTGGACAGCAGTTTCTGGTCTGTTTCTAAGAACTTCTGAATTCTATTATCTT  
TACAAATATAAGATGAAAAAATAAATTTTTCATATTTTATTAATCTTTTTATAAAAATGAAAGGAAA  
CTCCTATGATCGATTAAAGGAAGGTGGTTATGGCTGGGTGGTTTGTGGGGTTTTTGGTTTGTTTTTTCT  
TTTCTTTTTTTTTTAACCTTAAGCTTTAAGTTGAACATTTCTCAGATGTTTGGGGGAAAACATCCTCT  
TAAAATGGGTCCTTGCTGCTTGCTTCTGGGGAGGCGGTCCTGAGCAGGTGAATCATATGGCATCTATGCA  
TATGTAATATGCGGACTGCACCCACCTTCCCCCAGCTTGCTTCTTGGGTTGTGTGCTACTTTCCC  
CTTACTTTGCTACATTTCTATAGTTAAGTTGGTTTTACTTGAATGATTGATGTTTAGGGGAAAAAATGA  
AAACACCCTTAAAATTTGTTTCAACTCCTCCTGCAATAAAAAAATCG  
>GBEQ2840 |RC|Acc|BM781039|Ver|BM781039.1 GI:19129271|MLN1\_3\_A04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:558  
CCCTGNTGATGCTGATTAAAGGTACAAATCATGACTAAAGGCTTTCCCTTGTTCCTTTGCATACAGTACA  
GTAAGGTGAGAGTCATGGCTAAAACCCACAATAAAATCACATTCCTACCTTTACAATCCCACTGCGAAT  
TTTCTGATGTTTCATTAAAGTGGGAACATGTCTAAAGGCATTCTCAGATTCAATTTTAGTGGCGTTTAA  
AAACCTATAGCTGGTTGACATGCTACTTTTAGATTCTTGTCACTTTTCTCTGCTACCTTATAGGGCTC  
TTTTTTGGCTCCCATAAAGGATATCCCTCTGCCACAGAATCCAGGATTCTATAGTTCTCTAGTATCACTT  
CCTAGTATTATTTCTTAACACAATGTGAGATATCATGTTATGAAAGTATTACGTTAAAATACATTTGATG  
TATCACAGTTAAGGTATGCGTTATGTATTATCATGCTGGTGTCTTTACTGTTTTTGTTCCTACTTCCA  
GTGAAAATTTTTAAGTAAAATGTTTTGGAGCATATGAATATTTTAAAGAAAATAAAACCACT  
>GBEQ2841 |RC|Acc|BM780909|Ver|BM780909.1 GI:19129141|MLN1\_1\_D08.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:5:Stop:384  
TCTCCATCACCGGATAAATGGGTAAACAAAGCGTAGAAGAGCCATACAATAGAATATTTGCCATGAAAAG  
AAATGAAGTACTGATACATGCTACAACATGGTGAACCTTGAAAAGATCGTGCTAAAGGAAAGAACCCAGT  
CACAAAGGGCACATATTATGTGTAATTTATATGAAATGTCCAAAATAAGCAAATCTATAGAGTTAGCG  
GATTAGAGGTTGCCTAAGGCTGGAATGATTGCGGGGTGTGGAATGGGGAGTAAATGGGTAAAGGGTTTCT



1042

TGAATAAATAGGCTGATAGTCTCGATAATTACTAGTATGGGGATGAGGAAAATGGGCGTCCCTTGAGGTA  
GAAAGTGGGCTAGGGCTGCTTTTGTGTTTGTGACGAAAGCCTATGAATACTGTCCCTGCCCATAGGGGAAT  
AGCTATGCCTAGGTTTATTGATAGTTGTGTTGTTGGGTGTAATGAGTGAGGTAGTAGGCCATAAAGTTT  
GTTGAGCCAATGAATAGGATCAGTGATATGAGTATAAGAGTTCAGGTTTGTCTTTGCTGTTATGGATAG  
CTATTATTTGTTTTGATGTAAGTTGGACTAGCCATTGTTGAATTGAGATTAGGCGATTGTTGATTAGTCG  
GTTGGGTGAGGGAATAGGATGCTGGGAAATATGATGATCAGAATTACAATAGGGAGGCCTACTATTGTT  
GGGGTAGCGAAAGAGGCGAATAGATTTTCGTTTCATTTTGATTCTCAAGGGGCAGAGTGTGTTGTTATTTT  
GGTTGTCTTTACTTCTGGGTGTGTCGGATAGGAGTGCTTTGAGATTTTGTAGTTGAAATACAATAAATAGA  
GTTAGGATTATTGAGACGATATTAATCTCGTGC

>GBEQ2848 |RC|Acc|BI961660|Ver|BI961660.1 GI:16319863|MONO1\_2\_G11.g1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:14:Stop:724

TCATACAAAAATTTAACTTAAAGAAGAAAATGACAATATGCACCTTTTACAAGTCAAAGAAAAGCAAGT  
CTTAGCATTTGAATTGGTCTGCAAAAAACAAAATACATGAGAGGTACAAACTGTGCTACAGCAGGTCTA  
AAAGAAGTTGTACACAGTCATTTTGAAAAAGTTAAACTGTTTTCAAGATTACTTTTCATATTTAAATG  
TACAGGAGTTGATGAATTTACAAATATTACATAAACCAAAACCTTAATAAACTGTAGTCTTTTT  
AGCAGCCACCCTACTTCTTCACGTGGGAAGGAGATACTAAAAAGATATCGTTACAAACATTAACACTTT  
ATTTATAATAATTTTCGTTATGCTTACCTAAAAACATTTTATAGTGGCTTACTGCCTAAAAAGTTCCAGTTT  
AGATTACAATCCTATAATTGTACACAGAAAAAGTCTGATACTATCAATAGGATATAATCTCAACGTTGA  
TCTTTTCAGTTTCTGTTTCATGTCACAGGGAGAGTAAGAGCAGGAGAATGGGAAGTAAAGCCAGAGTGTAC  
ATTGCACTAAGTTATCATAAAGCACAGGAGACTTAATCTTTTCAAATGTCTACACTGAACTGATCCTTT  
AAGACAATTCCTAACTGCCGAACACACAGTCAGTGCTCATATTACTACAGTGCAAAATGTACTGTCTGT  
TTCAACAAAAA

>GBEQ2849 |RC|Acc|BI961082|Ver|BI961082.1 GI:16319285|MONO1\_5\_H01.b1\_A005 Monocytes  
(MONO1) Equus caballus cDNA, mRNA sequence.:Start:1:Stop:431

CACTACGCCCTCAATTTGTACAAGTTAAAGAATAAGAGACGCCACAACTGTTTCTTAGTGAAAAAGGCT  
GCAAGGAAAGCAAAGCAGCTGAGGGGTGATAGAGAAAACACAACAAAGAACAGAAAACTTGTAGTTATG  
AAGATAACCCAGAAATGATGGTCTTAATTCCACTGCCAATTTTAAGAAACAGCAAGAAATAACAAATGAA  
TTAGAAAGACAGTAATGTTGGGTCTTTTAAAGTTATACACAATAAAAGGTTAATCTTTAATTCTTTCTGA  
GGTTTAAATCTGACAGGGAACACCAATTTACCTTTGAATTTGTCTCATTTCTTAAACTTAGCAACAGAT  
TCCCATCTGAATAAGTATTTAAAAATCTTAATTATTAAGCAAGCTTCTCAGCTGTACTTTGATAGGGT  
TATACTCGTGC

>GBEQ2850 |Acc|CD536809|Ver|CD536809.1 GI:31579224|LeukoN6\_6\_A03.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_A03\_A028 3', mRNA  
sequence.:Start:1:Stop:424

ATGCTTTTCAAGAATGTAGCCCTTGCTTAGAAGCAAGGCATGGCTGTACTATTTACTTTTTTAAAGCCAA  
ACTGAGGCGCTTTTCAACCAAGATTAGATCACCAAAAAATAGACTTTTTATAATACTTTTGCTTCAAAT  
TTACTGTTTTCAACTTGGTATATTTATATGGGAGATTGATATATTTGTGCAATATAAATTATGTTGTTT  
GTCAAATTTATCGATTACTTAAATATATAGGGAACACAGTTTCTTTAGAAAAGTTTGTGTTAAATGACAGA  
GAAAGCAGCTTTTGTACTGAAAAGTTTATTAAACTGCAAGCAAGTTTTTGAAGTGAAAAGTCCCATGT  
ATAGGGATCTTTACTGTTCACTTTTGAATAATTGGATTTTCAAATTTGGCATAAAATAAATGTAGGTTT  
GGGG

>GBEQ2851 |Acc|CD536796|Ver|CD536796.1 GI:31579211|LeukoN6\_6\_E02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_6\_E02\_A028 3', mRNA  
sequence.:Start:1:Stop:538

CAGAGGTTTCTCTTTGCAAGTTGAGAAAGATGTTAGGGTTCACCTATCCATGCCTTGAAATGTGGGTTC  
CGGGCAATCTTTCGCTATTATTTCTTTGGCTCATTTCTTTGGTTAGGAATGGAAACATAAGTCAGCGAGT  
TGGAAGGAATTTTTAGATCCTAGTAAACTATTCGGCCGTGAAAGTGGACTGTGAGTTATCCCGAGCT  
GTCCGAGAGCATCTCCAGTGCGGCCGTCCAGCCAGCTCCTGCCGAGCTTGGACCTTATTTCCATACACT  
CTGCTGGCCGAGTGCTCACCTTCTGGGTTTGGCTTTTTATATATGTCATCAACTGTGATTATCTTCTT  
AATAAGCATTTAATGAAACGTCATGCAAAATTGTTGCTTATTTCAGTGATGCTGGAATAACATGAGCAGG  
CTGACATCATGCGTTTTACATTGACCAGTCCCAGTTCCGCTGTGCTTGACAACCTGGCAGTGTCTGGCC  
CTGGCAGGCACACAGCCTTTGTTGATTGAATAAATGTTACCTCTGCTT

>GBEQ2852 |Acc|CD536659|Ver|CD536659.1 GI:31579074|LeukoN6\_5\_B07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_5\_B07\_A028 3', mRNA  
sequence.:Start:1:Stop:496

AGAATGGTCCAGGAGGATGGACGGACCCCGCTTTGGATATTTGTGAGAAGCTGCAGTAGGGGTGGTTTGT  
GCCCCATCTCCTGGAGTCTCCAGTCCATGCAGTCCCTCTTCCCAATCTCCAGGGCCTCTGAGCACTT

GAGCCCACCTTGCCCTGCAGTTCGGGGCCTGGGGTACTCCAGCCAGGCTGGAGAGATGAGTGACGCTGAC  
ATGTCCAGAGTGACCCCGTGTCCATCAGAACAATGTAGACAAAGCTTGGCCCCAGTCCCGGCTATGGGCC  
TCACGCTGGTCATGGCACCCCTTGGGCCCAAGATGTTGGGGGGCCGTACAGAGCAGCCAGTGCCATCAGGGA  
GCTGAAGGGGAGCTGTTCTCCACCTACCATGGCTCCCTCTTCTCTTCAAGTTGTGGAAAGGGGCTGT  
GCTGTCCGCCTTCTCCCTGTTCCATGGATTCCCTTGTGTGGGCTCCTGGGGCAGGATAATAAAGAGTTTT  
GACTCC

>GBEQ2853 |Acc|CD536522|Ver|CD536522.1 GI:31578937|LeukoN6\_8\_F06.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F06\_A028 3', mRNA  
sequence.:Start:1:Stop:342

GATCATGAACCTGGTTTACTGTAGCATTTCTGTATCTGGAACCTTGAATGTGGTTTTGGTGAAACTGTGT  
TTTATCAGTTCTGAGTACAGAAGCAGTGTCTTATGATGCTTTTCTCTGCCATATCCTGTACTAGATT  
CAGCAAGGAAGCTTTGGGGAGGAAGAAGGACACTGAATTTCTTCTAGTAATGCAAAAAGAGCCTGTTAG  
CAGCACAGGTCTGCAATTTCTGGATATCAACTGTCATTTGTTTTTAATTTGTTTTTGTATGTTTATGT  
GACAAGTTTTATAATGAAGTTTTGGGTTGGAATAAAGTTGAAATAAAAAGATGGTGCCTG

>GBEQ2854 |Acc|CD536499|Ver|CD536499.1 GI:31578914|LeukoN6\_8\_E09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_E09\_A028 3', mRNA  
sequence.:Start:1:Stop:602

ATAAATTGTGATAAAATGTTTCTGTGTGGTATGGGCAGTCCACTGAGCTTCCACTGCTGGAGGCCTAGG  
CTCGAGTGTGTTTCTGAGTGTGCTGTAATCTTGTGTAATAGCCAGTAGCCTACCATAGAAGATTTAAGAAAA  
AACACCTGTCTTTAAGGAATAGCAAAAGAAGGGAAATGCTTAGGTTGCAAAATGAAAGTGTGAACGTGGC  
GATGCAGAAGACTGCTTGTCTTGTCTTGTCTTTTGTCTCCTGCATCAGATCAGTGTCAATTTCCCTTA  
TTTCTGCTCATGCAGTACAGAATTGACTAAAATTTGGGGTTTGGGCTATTATACCACTCTGTGTTGAGCT  
ATTTGTAATAGCTAATGTGCTAATTATATGTGTTGTTTCTGTTTCTAGATTTTATTGCTTTTGGTT  
TGGCATAACTTATCCATATTTTTGTTTACATCATTTTTTAAATATCAATAACAGTAATAATATAAAATGA  
AGTTGTATTGTGACAAAGACCCCAAGTTTTTATGGTCACTGTGCATGTAATTTAAGAGCACCAGTTTCTTA  
ATGTATAAAGTTCTCTCTCTCTCAATAAACAATATAGAAAGT

>GBEQ2855 |Acc|CD536481|Ver|CD536481.1 GI:31578896|LeukoN6\_8\_F09.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_F09\_A028 3', mRNA  
sequence.:Start:1:Stop:576

GTCCCCAACAGGGGACCGGGCAGCCCAGGCGAGGACGGGAGGCTCTGAGAGACGGCCCAAAGCACCAC  
ACGCTGTCAACGCGGGGAGCGTCTCCGAGACACGCGATCCCTGACTGCAGACCCACGACCAGACTATCA  
AAATCCACGGATGAGGGGAGACAGCCAGGTGTCCACAGACGGAGGACTGGACAAGAAAACTGGGCCCCA  
CCTGCTGGGAGCTTCTCAGCCCTGTGAGAAGGAATGGAGCCCTGACACGCGCTACAACGCGGGTGAGC  
TTGAGAATGTGCCCGTGAAGGAAGCCAGGCTCGCAAGCCCATGTGGCGTAGGATCCATCATGTGGAATG  
TCCAGAACAGGCAGATTAAGGGACAGGACGACAGCGGTGGCTCAAAGGCTTGGGGGTGGGGTGGGAGC  
CAAAGAGTGTGGGTTTCTTTCTGGGCGAGTGAATAATGTTCAAAGTCAACTGTGGTGATGGTTGCACAAC  
TCTGGGATACACCAAAACCGTTGAATGCACACTTTAAATGGGGGAAATGTGCGTGTGAATTACATCT  
CAATAAAGCTGTTTCT

>GBEQ2856 |Acc|CD536479|Ver|CD536479.1 GI:31578894|LeukoN6\_8\_B08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_B08\_A028 3', mRNA  
sequence.:Start:1:Stop:311

TGACAAGCAGTACGTAGGCTGCTCCCAGGATCCGAACCGGCAAACCCAGTCAACTTAACTGCTGTGC  
CATGGGGCCAGCCCCAAGAAATCCTTTTTAATTAGCATATTTTAACTTGTATGCAACAGATGGTGTTAA  
AGTACTTTTAAAGACTTTCAACAATAGATATTTAAGTGGATTTAACAGCTCCCTTTGATCATTGTTTAT  
TTACATTATTTGTGTGAGTAATCCAAGGAAACCTTTGACTAGACTTTTGTGAGTATTATGAGATTCTG  
AGTGAATGAGGCTTTATTAATATTTTCCAT

>GBEQ2857 |Acc|CD536475|Ver|CD536475.1 GI:31578890|LeukoN6\_8\_D11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_8\_D11\_A028 3', mRNA  
sequence.:Start:1:Stop:419

CCCATAAAGTTTTTTCATTTGCTGTGAACCCCTCAGCAGGGTGACCCTCCATATCACTTGGTTCTCT  
GTACACTTAGATAGTATTTTAAAGTTTCCACATTTTCCCTCACTTGGCACAGGTTTTTCTTATAATC  
TCCTCGGCTTTTTTTTTTTCTTTTATGGATTTTCTGTTCCCATAGAAAGAAAGAGGATATT  
GGGAAAATTAGATTGCCTAAGACCCAGACCAGAGTTGGGACAAAAGAAATGGGATCTTTTCTGCTTTG  
GAGCTTTGTGTGTTTTGAAGGAAGGCAACAAGGAAGGGCAAGAAAGATCCAGGACTCTGTATTTTA  
CCCTTGAACACTTGCCTAAGATTTGTAGCTCTGTTTACAGCAATAAACTATTTTTTCTGCATTCT

>GBEQ2858 |Acc|CD536364|Ver|CD536364.1 GI:31578779|LeukoN6\_7\_D02.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_D02\_A028 3', mRNA

sequence.:Start:1:Stop:694

GGACATAATTTTGAAGGAAGGTTTATAGAACATCTTCCTTAACCATATGACTGGTATCATTTTCCTGT  
CTGCTGATGCGTTCTCACATTTTTATTTTTCTTAACAGAAAAAGTAATGGATCCTTTTCATCCACTGCCTT  
TATTTGGGTTTAGCATGTTTCTTAAATCTCTAGATGGAACCTTAAAGCGGGGCCCTTTGGGGTTCCC  
GGAGGCATGTTTGAGAAGACGAGGGAAGGCGTGATGGGGCATGCTGGGTACCATGGTGCTGAAAAGCTT  
GGGGAACCTGGACTTTTCCAAGGAATCTGGAGTCGTATTTTCCAAAATGCAATTTGTCATATAACATCG  
GAAGACCTGATTCTTAGGACTCAGAAACAGCAAACAGAGTTCTCGGTAGCGGCTGTGTCATCTTTGAA  
ACCAGGACAAAACCGGGTTCGACTTTCAGGAGTCCCCGTTCTGATAATAAGAGGCACAGAGATTGCATG  
TGAATAATATTATATGGAAATCAGACCTAGAGCTGGAATGAAAATCTGTATATTGGTTGAAAACATAGT  
CATAACCGTTGATTATTTGCTTATTCATTTGATGTTTGAAGGTTCCAGTAATTATTTTGCATGAATATA  
GATTACTACATAGTCTTTGGTGTTATCCTGCTTTTAAAAAATAAACTCTGGTTCGCTCAGTG

>GBEQ2859 |Acc|CD536355|Ver|CD536355.1 GI:31578770|LeukoN6\_7\_F12.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_F12\_A028 3', mRNA  
sequence.:Start:1:Stop:557

AAATGAGCATGTAGACAAATTTAACTGAAGAACCTGTGAGAAATAATTGAGGGAAATTTAATGATAT  
TTAGCATTTTAATGAAAGATCCCGTTTCCCTTCTAGCTACTGGGTACTACACAAGTTTTTATTCGCGGAT  
GGCTTGCTTAGGGTAAGACATCAAAACACTTCTTTGTCTCCTGGTACTCAGGTTTCAATGTTTCTGAAATG  
TGCTGGTCTTGAATTTGCTTATCTTAGTGTCTGTGTTGCAAAGCCAGTGGACAGTTTGGACAG  
TAAAAGGCTTTAGTAGTCAGCTATGATGACGTACATCTAAAGCGTTACTCTCTTTTTTTTAGGTGCAGATG  
TTGGTACCTTTTATGTAAAGGTGTGAAGAGTTGGGTCGTCTGCAAGGCCTGGAACAGGAGTTTAAAGCA  
CAGGCAGACCTTCTGTTACTCTGAAGATTTCAAGGGCATTTATGACAGCAGTTATGCAGCTTACCAGTTG  
AAAGACAGCTGGATGGATGCTTGTGTGATAGAAGATTAAAAGCAACTTTCAGTTTAAATAAAATTTT

>GBEQ2860 |Acc|CD536350|Ver|CD536350.1 GI:31578765|LeukoN6\_7\_B11.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B11\_A028 3', mRNA  
sequence.:Start:1:Stop:548

ACTTAGTGGAACATAAGCGAGTGACTTTTCTGAATAGCAATCTGGTGATGTTTGAATCGTCGATGTGC  
TTTCCGCTGGACTCAGAAATTCACCTTCTAGAAGTTTTTCTGAGGACATCATCAGACAACCTTGGAGAG  
ACGCATTTACAAGGATGCCGTGTCACAGCCCTGTTAATAGACACGCCCTTAAGCGTACGTACAGGGTGGG  
GTGGGGTGTATTGTAGCACAGGCAGTGTATTATCATGCAGTTTAAAAAATAGTAGAAAGAGGTATATTG  
ATAGATAATATAACTTTCATGATCTGTTGACCAGTGAAAAACAGCAGTTTACAGTATCTAACATAGTAAG  
AACTGGAAAGACATAACACTGTAAAGGTTAACTAAGGGTTACTACCAATTATCATTTGGTGCACACAATAA  
CTGTGATTAACGTTTCAATTTCTTCTTCAAAATTTTATTCACCTCTGAATTTTTTACAAATGAGCAATATG  
AGCATAGGTTTATAACAGAAAAACAAAATAAACTAAAGATGATAGCTTTTATTTGG

>GBEQ2861 |Acc|CD536348|Ver|CD536348.1 GI:31578763|LeukoN6\_7\_B04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_B04\_A028 3', mRNA  
sequence.:Start:1:Stop:601

TACTTAATTTGGGAAACACTAGTCTGTGCAAGCATGGCAAGGATGTCCACTATTGCCACTGTGATTTAG  
CATTATGTTGGTGGTGTGGCCAATGCAGTTAGACAAGAGAAAACCATTAGAAGCATAAGAATTAACAAAC  
AACATCATGAAGATATTGGCTCTCCCTGAGTTAATTCATGATTTTAAATGTGATCCCAATAAACATAGCAG  
GTTGTTTGCTGGACCTATGAAATTCATATGACAAATAAACACACAAGAATAGCAAGGAAACGTGACAAAT  
TAGAGCAATGAGATACTATATATCCCATATGTATCTCATCCCTAGATATACCATAAACCCCTCTGTAATTA  
AACATTGTTTCAGGCATTCAGGCTTATGAAGACAAAGACCAGTGGGAAGGAAAAGAAAATCTAGATGTAA  
CCCAGGTGCACATGGAAAGGTGTATGGTAAAGGCGACAACCCAAAGCACTGGGGAAAATATGAACATTTG  
TTAAGACAAATTTTCCAATTTCTGATGCAATTTGAAAAAAGTTACAGTTAGACTGATAACTTCACAATAC  
ACACAAGAATAAACTTCAAATGTATTAGAGATCTAAAAGGT

>GBEQ2862 |Acc|CD536330|Ver|CD536330.1 GI:31578745|LeukoN6\_7\_C04.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_7\_C04\_A028 3', mRNA  
sequence.:Start:1:Stop:487

CGCCAACTACCCGTTCCCGGCTCTCCGGCAGAAAGCGCAGGCCCCGCTGGGCGCCGCGAGAGGGCACG  
GGCAGAAGAAGAGGCGAGTTCCAGCTCCAAGTTTGACAGAATATTCATGCTGCCTGCATTTATGAAGCTT  
CTCCAATGCAGAAACTGAGGCTTGCAAAGATTGGGACTTATCTACGTACACAGCTAGTGAGTGACAAATC  
CACCAAGTCCAGTTTCTCTCTAAATATCTCTTGAGCCACCCCTTCCCTTTCTCTCCCTGTGCCACCC  
TGCCCGAGACTGCTGTGGCCTCCCGACTGGTCTCCAGGGATCATTTCTGTTCTCACTATGCAAGATTTTAC  
CACCAGAGCTGGATGTTTATGAGGGGATTCATTTATAATTTTTTTGTACTTTTACATGTATGGTA  
TCAATTTTTTGGATGTATTTAATGCTTAATAAAATGTTTTAAAGGATTTATTCCTTTATCTCCAAT

>GBEQ2863 |Acc|CD536245|Ver|CD536245.1 GI:31578660|LeukoN6\_4\_A08.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_A08\_A028 3', mRNA

sequence.:Start:1:Stop:600

CAGAGGCTCCTCTGGGTGAGCTAGTCCCTCCTGGGTTGCCAGCTCCATCCATCCCTTCCCTTCTCACAAG  
CTCTCTGCTTTTCCCTCCCTCCTCTGTCTCCTCCATCTTGTTGACTGCCCCGCACCTGTGTCTCT  
CTTTCCACCTTTTCCACTCCCGCACCACCCAGCTCCACCTGCTCACCCTTGAGTCAGGAACAATGAAGGA  
CGGACCTCAGTCTCTCTAAAGAAGGCAGGAGCCCTCCGCTGAACCGCACATCAAAGCACTTTCTATCAAG  
AAATGCGAACATGCCATTCCCCACCATCTCCACGTTGATCCAAGGAAACCAGCAAAAGGCTCAGAAGCTC  
CTAAGAAACAGTTTCAGAAAACAAACCTCTGAGTAGATTTTACTTTTCATAAAATCTGTCTTAGGTTCCAA  
ATAGACATCAGTAAGACTACACTCAACACCATCGGAATACCTTTTAAATTTTATAGGCAATAATTATTCTA  
ATTGATTTTAAACCCAGAGCAGTACAGTGAAATATTAAGAATCTACCGCTGATTTTTTCTCTGTAAAT  
GTATGATGAAGTCCATATATTTAAATAAACACCTGCTAAC

>GBEQ2864 |Acc|CD536233|Ver|CD536233.1 GI:31578648|LeukoN6\_4\_A07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_A07\_A028 3', mRNA  
sequence.:Start:1:Stop:263

AATTCATGCCCCAAGTACTGGAGATTTTAGGCTGGATGTACCTGCATGGGAAGCTGTTTCAATTCTTTT  
TCACAACCTCTCTCCAGAACAAAGAAGCTATCAGCGCAGAAGAAAGCTACCGCAGTACACCTGCAAGGA  
AAACCCCTTAGTGTAGAAGAGCACCTACTTAATTTTTTCAACCCACAAATTTGTTTTTAAATTAAGCA  
CTTAGCAGTAAAAAGTCAATTTTTTGCATGATAGAGTGTAATAAAGTTCCA

>GBEQ2865 |Acc|CD536227|Ver|CD536227.1 GI:31578642|LeukoN6\_4\_C07.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C07\_A028 3', mRNA  
sequence.:Start:1:Stop:374

AAATAGTTTGCTTCTTTACAGAAAGAAGAAGACGTCTGAGAGCTTCTGCTCACCAGGAGACAGTCCATC  
CGCGGGCGAAGCAGACCCAGCAGGGGGCCGAGTGTCCCTACCAGGACCCAGCAGTGACGAGGAGGAGGA  
GGAAGGCGACGAAGCCGTTAAAAACACGACCCAGGGGAACCTCCGAGGTGGCGAGCCCTCCAGAAAGAGG  
AAAGTGGAGGGGGAAGAGGAAGAGGACGACTGAGGCAGAAAATGTGCCCTCACTGGATATCTTGTCTCTCA  
ACAGTTTGTTTTTAAACAATGAAATGCCTTGTTTTGACTGAAATGAACTGAGTTGCTTTGGCATCATCTCT  
AATAGTGAATAAAATAGTTCAGAA

>GBEQ2866 |Acc|CD536225|Ver|CD536225.1 GI:31578640|LeukoN6\_4\_C10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_4\_C10\_A028 3', mRNA  
sequence.:Start:1:Stop:476

CTGCCAGGGGGCAAGGCCAGGTGAAGCCTAGACAGGTGTGCAGTGTGGCCGGCTGGGGAAAAGTTTCCC  
CAGTAGACAGAGTGTCCGACCCCTGCAGGAGGTGGAGCTGACTGTGCAGAAGGATGATGATTGTCACTC  
CCACTTCCCAACCATTTACAACAGTCCCCCAGATTTGTGTAGGGGACCCGAAGAATAATAAGAACAGC  
TTCAAGGGGACTCCGGAGGCCCTCATTTGCAACAAGGTGATTTGGGGTATTTTTTCTACGGACAAA  
ACAACGGGAACCTCCAGGTGTTTTTCATGAAGGTTTCCCCCTTTTTGCCCTGGATAAAGTCAACAATGAA  
GCGCTGCTCATAGCAGCTGTGATGGTGCCCTTCTTTGTGCTGACCCCTTTTTTGGGGCAGAGGCAGG  
AATCCCGTGGGGCGGGCAGTGGGACTGCAGGGCCGTAATAAATGGATTTTTAGGGG

>GBEQ2867 |Acc|CD536083|Ver|CD536083.1 GI:31578498|LeukoN6\_3\_E10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_3\_E10\_A028 3' similar to  
Similarity to mitochondrial genome, mRNA sequence.:Start:1:Stop:506

GATAGTTAACAACAAGATAGGGATAATCCAAAACTAATCATCTATTTAAACCATTTGTTAAACCAACACA  
GGCATGCATGAATGCTTTAAAGCCAGGATAAAGCTGATGCTGGGAGCGTTAGGTACCAGTCTGCCCATTT  
TAAAGCCCCAGATGTGTATTGCGCATTATTTAGACTCTGCTTTAAATTTTTAAAAATGTATGTAGAAGTT  
CATTTGTAGCCGCTATTTCAGGAATGAGGGTTTTTAGACTCTAGTTATTCCTATGCTCATAGGGAGAAA  
GTATTTTCAAAGTTAAAAATTTTCACATCTCCTTTTGTAAACTATTGGAATACGTTTTTCAGTACAGACAT  
TTAACTGAACACAGACTACTGAACCTTAAAGAAAAGCCCTTTCTTATGGGGCTGTATGTGATCCTCT  
CCAGATTATTTTGAAGCATTAATTTCTATTTTGCTATGGTGTTTTGTATCATCATGCTTGTGCTGTCAGA  
AAATAAAGGGCAGAGG

>GBEQ2868 |Acc|CD535983|Ver|CD535983.1 GI:31578398|LeukoN6\_2\_B10.b1\_A028 Unstimulated  
peripheral blood leukocytes N6 Equus caballus cDNA clone LeukoN6\_2\_B10\_A028 3', mRNA  
sequence.:Start:1:Stop:547

AATTTACAATTAGTGGGAGAATGTGCCCTTAACTTTTCCAGGAGGCTCAAAGGGGAGGTCTCAGTTTTG  
ATGCAGCATGGTCTTTTACAAGATTTTGTAGGGTCACATTTTAAAGAGAGGACAGAGTGATAGGATTGAGG  
CAGTTCCAGGACTTAATTCCTGAATCTAAGGTTTTTCCACCTGGCTCCCGCATCTTGGACCAAGCCATTGT  
AAGTTACAAACAAAATCTTGGGTCCAGCAATCTGAATTTTAAACACAGCAGGGCTTTTATATCAAAGTGG  
TTTGGATTCTAGAGAGCACTTGTGAGGATTTATGGGTGCTGTGCATAGGAGTCTTAATGTTGATAGAAA  
TACGTCATGAAATGCTAACAGTTTTTCTTCTAGTCTGAAATGTATCCAGTAGAGAAATTTGGTAATCCTG  
AAGGCATCATGTTTTCTGGGGTTTGTATCTCCTGCAAAACCGTGATGGTGACTGATGCTTGCATGCAGAT

1047



TTTTATCATTTAACTGCTGCATGNCT  
>GBEQ2874 |Acc|CD535780|Ver|CD535780.1 GI:31578195|LeukoN5\_8\_H05.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_H05\_A027 3', mRNA  
sequence.:Start:1:Stop:416  
TTTCTAATCATGAGAATCTTTTCTAGTCAAACAGAACTGCAAACTTCTACAGCAAGTGTTCCTGGTTCT  
CACCCGCTCCCATCCACTGTGCCAGGATATAACGCCATTATGTATAGAATACTGGGATCAATCAGAGTGT  
CCATCCATAGGCAACGGGTTACATCGATTATCTGGTCTTACAAGAACAAGCAGGTCTGATTATGCTGAT  
GTGGAAAGACATCCGTGAAATGTGGATGTGTTTTCTTTTAAATGAAAAATATTGATGCTTATATACAGAC  
AGAATGCTTCTGGAATGACACTCAGGCTCCTGGGGGTGGGGAAGTGACTTCTCTGTACCCCTTCTGCC  
ATTTGAATTTTTTACTATGAGCATAAATTTTATAATTTTTTAAATAAAAAGGAAAAAGTAACTC  
>GBEQ2875 |Acc|CD535777|Ver|CD535777.1 GI:31578192|LeukoN5\_8\_E06.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_E06\_A027 3', mRNA  
sequence.:Start:1:Stop:598  
CTACGAAGAAAGCGAGAACAAGAGCCTGCCAGCAGGCCCTGAAGGGTATCCAGAATCGCCTGAGGAAGA  
AGCGTCAGGAGGAGGATCCTGCGGAAATTGTGGACGTGGAGGCAGGCATGCCGCGGGAAGCTCACTTTC  
TGGCACACAGGAGCCCCAGGCTGCCAGGGGCCCCGTGTCCAGGGGGCGAAGGACGATAGAGAGAAAAATG  
GCTCGACTCAGAGAGAAGATGGAGATGTGCAGAGCAAAATCAGAGACCAGAGGGAGACCCAGGAGCCTGG  
AGAGGCCAGGGGGAGGCGCTTCCCGAGCCTGCCGCGCTCCTCCTCTGGGCCAAACCCCTTCTCGAGCCT  
CAAAGTCCGCCCTCCTTCTCTTTGAGTCTGTGAGATGCCCTTGTTAGGATGCATTCTCTGTTTTGCTTG  
AGCTGATTTGAAGTATTATCTATTACTTGAACCAAAAGAGCTCTGAATAAGATAAAATCTTGTGTGCTAA  
AGCACAGTGTCTCTCGAATTTCCGTCATCCCTGTACCCCTCCTACAATTTTTGCATATCTATGTACCATC  
TGTATGTTTACTTAATAAATATTGTTCTTTAAATCTTT  
>GBEQ2876 |Acc|CD535773|Ver|CD535773.1 GI:31578188|LeukoN5\_8\_C09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_C09\_A027 3', mRNA  
sequence.:Start:1:Stop:474  
TGGAAAAATCCTTTCCAGAAACGTGTGTGAAGAGGCTCGGTACAGCATCTTGGAATGGGCTCTGTTGGGG  
GAGGTGGATAACTCTGTTAGAAAGGAGAATGTTAGCAGCGTAAGTGAATCTTATTCAGTTTCTCTACTGA  
GAACAGTCCGCTCTCCTTGTGTGAAGTCCAGGGCTGCCCTGAATCCTGTTTACAGTGTCTTTTCCCCCC  
GTATAGAAGCTAGGTTTCGTGTTACCTCTTGGGATGCAGCCAGTTGTGAGCCCCAAGGGTGGCAGGAATTC  
AGAAACAGACACTCAAACGAACACTTTTCAAAGTTGACTTAAGTTTTCTCACAGAACCCTGATTAGCTAG  
TTGATATTTTATTGTAATTTGTTTTAATTTTCCAAGAACAAATAAAAAAAGCCATTCTGGGTTGGAAGG  
TGATAGTCTGCTGATTACGTTGTTGTTATGTGTAAATAAGGCACGTTCCGGGCTC  
>GBEQ2877 |Acc|CD535768|Ver|CD535768.1 GI:31578183|LeukoN5\_8\_G09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_G09\_A027 3', mRNA  
sequence.:Start:1:Stop:323  
CGTGTAGTGTCCCTGCTCCATGTGAGCAGAGGGGGGCCCTTACCCTGGCCCTCCTCCCTTTTTTTGTCC  
TTGCCTGGTGGTTTTTTCATCCCCCGGCCCATCCTGGTCTTGTTCCTAGTTGGTTTTTACTTTTTT  
TCCCCAAGGCGGGGGCCTCAGGAGGAGGTTGGGAGGGAAGGACCTTTTTTGTGAGAGGGGTGCCCTTG  
GCCCTCACAGGAAGGGTGGGGGCTTGTTCAGCTTTTTTGTCTTTTGTAGCTGTCAATTCATCCAGTGCCC  
CAAGTAGACGGAATGGAACAGTGATAATAAATGTCCTTCAAC  
>GBEQ2878 |Acc|CD535736|Ver|CD535736.1 GI:31578151|LeukoN5\_8\_F09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_8\_F09\_A027 3', mRNA  
sequence.:Start:1:Stop:558  
CCGGGGTTACCTGGCCACAGGTGTGCTTCCCCACTCCCTTTCTCTGCCCCAGAGCCGGAGCAGTTTAG  
GTTTGACAGAGCTACAGGCGAGCTCTCCGGTGCTCTCCAGTGTGAGAATCCTGGGCTCACTCGTTGCTCCC  
TCTGAGAGACACAGGTACCTTCCAGGCCAGCTTGCAGGGAAGCGGACGCAGCAGCCAACAGAGTCCCCC  
CAGGGCCAGGTTGTCAGGTGAGGGGAGGGAAGTTGAGGTGGGGGTGGGAGGCAGGCATATGGAGCGCATC  
ATATTTACAAGTGAGTGCTTTGTTGATCGACTAATCGAAATCAGCTGGACTATGGATGGACGTGCATAGA  
TTTAGGCGCTAAACCTTTTCTCTCCACAAAGTGAAGAATACAGTCTCCATCCAGAAATCTTACCACAT  
GGTTTCTAACCATTGCCATCCCATAGGTGGCTAGTTCTGAGGGCCAGGCTTCCGGCTGGGAGGAGTG  
TCCCCCTGCGCTTCCAGTCCAGGGGACACAGAACCATGTGCTTAGCCATTAAAGTCACAG  
>GBEQ2879 |Acc|CD535688|Ver|CD535688.1 GI:31578103|LeukoN5\_7\_A01.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_A01\_A027 3', mRNA  
sequence.:Start:1:Stop:641  
GAAGTTGATATTGGGCTCAAAAAAATCTTTATTTTCCATTTTCTGTTATTTATGGCTCCATTTAGCTT  
AAAGGATGACTCTATCATTTCCGATACGAGCTAAGAGAACTTTAACCTTTTTAAGGAAAAGGCTTGATTTA  
GACACTGCTGGATACTACTTACATGATTGTCTGAAGTCCACAAACCTTATGATCCAACCGAAAAATAT

GTCAGGCTTAAACCATGGCAAAAGCATACCAGCAAACCAGAAGTCTTTTAAATGTAACGCCTTGCTAAA  
ACCACTATCTTCCCTAAAGCTCTTAATGAATAAATTTAAAGCCTCCACTCTCTATTCAGTCACCTTGGT  
GAAATACACTCTAAGCCGTGTAGCTGCGAGCTCCTCACCACGGGGTCCCAGCGTTGCTCTCGGCTGTGTC  
CCCGTGCCACCGCAGCCGTGCAGCCCTTCTGAAGCGGATGGAGATACCAACACCCAGCCAGGCACAGCTC  
TGCCCCGGGGAGCTCGTGGGGGCCCTGTGCTGCCCTGGGCCCTCTGATGACAGTTCCTTCTGTTCTGTTGCA  
TCAGCAAAAAATAAAATGCAAGAGTCTAGCTTAATGGCCTTCAGCTGTCATGAAGTAGTTATGTACAGATT  
TTAGTCTTTTG

>GBEQ2880 |Acc|CD535675|Ver|CD535675.1 GI:31578090|LeukoN5\_7\_F09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_F09\_A027 3', mRNA  
sequence.:Start:1:Stop:447

GGCCAGTCCAGGTCAACAGGGGGGCGAGTGCCCTTGCCCTGACCTTACGACTAAGCCACCTCTCCAATACCT  
GAGGGGCCCTTCTACGGGAGGGGCGAGCAGGCCAGGGGATAGTCTGCCCCAGGTGAACCCACCCACCAAG  
CCCAGGGTTCCTTAGGTTGGGCCCTGCAATGGGTGGACCTAGGAGTCTCAACCTCCCTGAGGATGGGTC  
CATCATGGCGGGAGTGGGCGGGGCTCTGGGGCCCGCCCTAGGACGTACACAGCAGGTGGCCAATGGGAA  
GAGCCCGGCAGGAAGTCTGGGAGCTCCCGGTGCCGGTGGGCCCTGAACACCGGGTGTGCTAGGCCG  
TGTAGTCTGTCCCAATTGGTGAAGTGGCGGGAGGTGGCAGTTAGGAGGCCACGTTCCAGTCCAAGGCC  
TCGGCTCAAAATAAAAACGGTAAACG

>GBEQ2881 |Acc|CD535644|Ver|CD535644.1 GI:31578059|LeukoN5\_7\_D08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_7\_D08\_A027 3', mRNA  
sequence.:Start:1:Stop:619

TAAGAAAACAGTTATTATGACTGTTGGTGGTTGGTTTTTTTTTTTTTTTTTTTTTGGCGAAACATAGATCTTA  
TTTTTTAGTAACATGTTGGTTTCTAATTGTTCTAGGTGTTAATATTCATTCATTTGTTAGATTCTTTACAG  
ACTGTTACTTTGTAAATTACTTTTTTAATCTCCCTTGATTTTCATTTAAATCTCTTAACAAAAGAATCATC  
ATCTGTGATAGGCAGATAACCGTTTATTTTTCAGAACGCCCTAGGTTGTCAATTTGTATGGTGGTTTCTTAA  
TATAGTAAATTTCTTCTGGAGGCCAAATATCCTCAGCTGTACCTTCAATCTGAACCATCTCAGAGATG  
TCTGATGGCCTAGTTTTCTTCACTTTACTCATTCCTAGACCATTTTTTACATCAGTCTTTTTTAAAGTAG  
TGATTTTTTAAATAACTGTATGCCGTGCTCTGACATCATAGATAAAAATTCCTCAGAACCCCTTTCACAG  
GCACATTTTTTCAAATTTGTGGAAAGAAAACAATCATTAAATTTTTTAAAGTTCACATTTACATTTTCA  
TGATATTTGAAAGCAGTGATACTACATGACTAGTTGATAATTTTGCTTGGTGTGTTTGT

>GBEQ2882 |Acc|CD535590|Ver|CD535590.1 GI:31578005|LeukoN5\_6\_E11.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:136

CAAAGGAATTATGAATAGCTTTAAATAATTAATAAATTTGTTCCCTTATTTTTTTATTTTCCCTTAGGGT  
TTATTCATAGGGAATTAGATACTTTGAATGGAAATAAAGAAATAAATGTTTTCTTCAGCCC

>GBEQ2883 |Acc|CD535589|Ver|CD535589.1 GI:31578004|LeukoN5\_6\_G08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_G08\_A027 3', mRNA  
sequence.:Start:1:Stop:630

ACCAGAGGAGCTAAGCCCTCAATTCTAAGTGTCTGATAATTGTTAATGATTCAGACACAAGGAGAAGGAA  
GAAATCAACTGTCTGTTTTTGTGTAGTGTGAGTAACTTTCTCCCAATGCAAAGATACTACTTACAGA  
TATTTTAATGAATCAAATAACTTGTACCTACATGATTAGAGTTCATAGTAATGACTGAAGAGTAAATTA  
CGTTGCACTACCATGTCTGCCTTCCATATAGTTCAGTTGTGAACAGGTTGCTGGTCAGGTTTGGCAGAAG  
TTTCAGTTTTTGTATGATTAGCTGGAGAGGATTCCCTATACTCTAACCCAAACATTGAGACTTTAGTTACA  
GTTTCACTGTTATCATTAATATTAATTGGCCATATATGAAAAGTACTACATGTAGCATGTTTTTACAGT  
TTAGGAAAAACTTTTAAATAGTTCCATTCTATAGCCAGAATGTTAGAGGTTCTTTTCATGGTTTTGCCT  
AGTAAGAGATCAAAGAGAAGAAATCAGTCTGAGTGATTATTAATTTGTTTGAACATAAAATGAAATGGT  
AGAAGTGAATGATATAATTTCTAAATAACATTTAGTATTAATAAATTTGGTGTGATATAATAAATTTCTG

>GBEQ2884 |Acc|CD535588|Ver|CD535588.1 GI:31578003|LeukoN5\_6\_A10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_A10\_A027 3', mRNA  
sequence.:Start:1:Stop:679

GATTTTATTTTGGTATTATGAACATAGATTTAAACATGTTTGGTGTGTTGATGTATTGTTGTTATGATC  
CCTGTTTGTGTTTCGGATCATCTCATTTTGGATAGTGGGAGCCTTTACAAGTTGGCTCCTAGAGCCTTTG  
GCACAGTCCCAGGGCCCTCTCAAAGGTTCTTGCTACCTGGTATGCCAGGCTGTTCTAGGCCACGCTGC  
ATTCTCCTGCCCCAGACGTGGAATAAGCCGTTCTTCAAGAAGCCCTGGTCTTTTTGTAATGGGAAATG  
ACGTTTCAAATACACAGTCTGGATGTTAGATATGCTCATTGCGGTTGGGTTGGTCAGTGTCTTAGGTCT  
TTGCAGTGAACAGAGCTAGAGTATATTTCTGTTCTACTGACTGTAGGATGTCTATTTGACCTTTTTTTT  
TTTTTTTAAAGATTTTATTTTTTTGGGGCTGGCCCCGTGGCCGAGTGGTTAAGTTTCGCGTGCCTCCACTGCA  
GGCGGCCAGTGTTCGTTGGTTCGAGTCTGGGTGCGGACATGGCACTGTTTCATCAGGCCACGCTGAGG



CAGCGTCCCGCATGCCACGACTAGAAGGACCCACAACGAAGAATATACAACTATGTACTGGGGGGCTTTG  
GGGAGAAAAAGGAAAAATAAAATCTTTAAAAAGTAAAAACACAGTCTT  
>GBEQ2885 |Acc|CD535585|Ver|CD535585.1 GI:31578000|LeukoN5\_6\_C07.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_C07\_A027 3', mRNA  
sequence.:Start:1:Stop:514  
AAAGGAGACCCACCCGGATCCAGACCAGTTTCTCTCCTTTATAAAGAACTAAAGTAGGGCTTCTCGCTG  
TAGGATTCTGTCCCCGGGCTTGTGTTTTCTACATCACCATTTCGAGAGCCCCGAGAGAGGCCGCGT  
CCCTATCCCTGCCCCCTCGTGTCCCCCGTGTCCCCCTCGTGTCCCCCTGGTCCCTCACACAGGCCAGGCGG  
AGGGCAGGCGGCCCTTCCCCAGGCTCCTGCCGCGTCCACCTCACAGAGGTGTGTGGGCCGGCGCCCGTTCC  
TGCCCTTTCGCGGAAGGTCACAGGTGCTGCAGTGCAGCTTCTGCGCTCTGAAGCCGGCGCTGTCCGGTCC  
GTGGTCTGTGTCATGCCTGGGACGGCTCTGACGGCGGGCTGCCGGCCCTCGGGTGCCCCCTACTCCTC  
CCACCCCCGGGGTGGAGTCAGTCTTTGGGCCCCCTCTCCAGCAGTGAGGCTCCTCCACAGCGCCCTGA  
CCACCAATAAAGGCCAACCGCTC  
>GBEQ2886 |Acc|CD535581|Ver|CD535581.1 GI:31577996|LeukoN5\_6\_H09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_H09\_A027 3', mRNA  
sequence.:Start:1:Stop:663  
AAGAGATGCAAAATGTTTATCCAGCTCCCTGTCTATCTGTTTTTATTTTCATTTGCACAGGATGGGCCTAA  
TAGCATTTCAGGGGTTTTCTTTGGTTTTTCGGTTTTTTAAGTTAGCCATCTACTGAAGAAATTAATTACAG  
TCCTGGGCTGCATTCTTAGAGTTATAACATTTAGACCAGGTGATGGAGGTATCTTTTTAGAAATTTCTTT  
ACTCTTTGTGTGCTAGTGGTCACTATGCAACACGAACACGGCCAAACTGACTGGCTCCAGAGTATCCAGT  
TGAAAATTCAGTTGTTTCAGCTGAGTGGTTCCATTGTCTCCCATGTCCCTGTGACAGCACTTGCCACCAA  
GGACGTGCTGAAGTTGTTCCCTCAAATGCCTCCTCTCCCCAGTGGACCCCTGCGTTTCTTGAGGGGAGGAA  
CTCTGCCTTCGTTTCCGTATTTCCAGAGCCTAGCAGAGGACCTAATGGACAGTAAGTCACCAGCAAAGTT  
GAAAGAAGGAGTGAGCGGGTGGCGGAAAGGGGTCTCCCGCAGAACATCGGCGCCAGTGAGGAAGGGGCTG  
TAATGGCGCCTCAGTTTGGTGAAGTGGGGCTCAGCATAGGCAAACCCATTTGGGCCTGTTGTCTTGTCTT  
AACTGTAATGAATAAAGGCTATTTGCTCTGTT  
>GBEQ2887 |Acc|CD535560|Ver|CD535560.1 GI:31577975|LeukoN5\_6\_E08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_6\_E08\_A027 3', mRNA  
sequence.:Start:1:Stop:625  
CAAACCTTTAAAGCCCCCTTAATTCATTCAACAAATATTTATTGAGAACCTCTGCTAGGTGCGCCTGGCAA  
ATAAGACAGACATGATCCCTGCTCCCGTAGACTTCACTTTCTTTTAAATGAAATGAAAAACATGAAGAGG  
GAGAGGGCTGCTTTTGATGTGTTCTGGACACACATCTTGAGTGGAATGCCGGGAAGGGATCTGATGTC  
CCAGGTCTGGAAGTGTTAAGTATCAAATGACAAAATAAAACAATTTAGTAACAAATTTGTCCTTTATTC  
AAGGAAAACAATCCATGAAGTGGGGGAGTACAGTGCCCTCACAAGCAGTGGAGCACAGTTCCTAAGGGATT  
TGGGGCAAGAGTGAGTTTTGTGTGTGTGTGTGTGTCCTGATCTTTAAAAAATAAATCACCTTAAGAAAAATA  
ATCAATTCAAAATAATCTTATGCCAAAGAGGCATAATCTGGGATGGCACATCCGGTTCCCTTCACAGG  
TGTGGCCTGCCTGGGGCACTGCATGCCACAGAGCACCATTACATGATAAATATTGTAATGCCTGTATT  
TATTACTACAATTTCTGAGGGAAAAATAAAGCGTCTTTCTAAATAAATCAGTATGTCTTG  
>GBEQ2888 |Acc|CD535470|Ver|CD535470.1 GI:31577885|LeukoN5\_4\_G09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_G09\_A027 3', mRNA  
sequence.:Start:1:Stop:726  
AGCTTGAGAGGAAAGGCTGGGGAATGACATATCTAAAAAGGCTTTGAAAAGCTCTGTCAAATACTTGGTA  
ATCTAAAAAGCCACATGCCTACTCAGGACTGTGTGCATACTCAGAAAAAAACCTGAGTAGACCTTAGGTC  
TCTCTCCTCTTGCTGACCTTGAGGCTCTATGGAGGTAGAAAAATGAAGACAAAGGCAGAATTGTAACTGC  
CTGGCTCAGTGTGGAGATGTGCCCCAACACAGACNAGAGCCATTGTCAAAGATGAATATTTTTGTCT  
TCAGATATTCAAGGAAATCTCTGCCAGTTATTACCTGACAGAGACTTTAAAGGCCACAAGTAACAAGGA  
GCACAGAAGTAATTTCTGAAAGTCACTAAACAAGGGGTTTACAGAGAGAAATTGGATGAAGGTGGTCAAA  
AGGTACAAACCTCCAGTTAAGATAAATAAGTAACTAGGGAATGTAATGTACAACATGATGACTATAGTTA  
ACACTGCTATATGGTATATTTGAAAGTTGTTAAGAGACTAGATCCTAAGAGTTCTCATCACAAGAAAAA  
CTTTTGCTTCTTTTTTTAGTATCTGTATGAGATGATGGATGCTAAACATTGTGGTAATTATTTTAC  
AATATTTGTAAGTCAAAGAATTATGCTGTACACCTTAACTTATACGGTACTGTATGTCAATTATATCTC  
AATAAACTGGAAAAAATATCCCT  
>GBEQ2889 |Acc|CD535458|Ver|CD535458.1 GI:31577873|LeukoN5\_4\_B09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_4\_B09\_A027 3', mRNA  
sequence.:Start:1:Stop:578  
AATCAGATAACACTGGAAACAGTGTGTACTTTCAGTTAGGTTTTCTTGATCTTGGAGGATGTTTGAAAGT  
TAAAAATCAAATCTGGTAACCAAGGACTGCTTTATGGGGTCTTTCCACCTTACCAACTTTTTCTCAAA

TGCCTACGTGGCCTACTTGGCACCTGGTTGTGGTAGGACTCAGAAAAAGTGGATTTTAAAGAGTAACTC  
CTGGGTAGTCAAAAATACCATGTAGCCAACATATATTGCTAGGTTTGTTCCTTTAACAGCTGGAATTTATT  
AAGATGCATTATTTTGAATTTTAAATCATTCGCTAAACACTTTGGGTGGTATTGATGGAGTGGTGGATTTT  
CCACCAAGTGATTAAATGAAATTTGACATATATCTTTTCATCCAAAGTTTTGTACATCTCATTGTTTTCT  
AATGGAAAATGTTAATATGGCTTTTTGTATTACTAAAAATAGCTTTGAGATTAAGGAAAAATAAATAACT  
CTTGACAGTTTCAGTATTGTCTATTAATCTGTATTGGCAGTATGTATAATGGCATTGCTGTGGTTATA  
AAATACTTCCTCTGGATT

>GBEQ2890 |Acc|CD535342|Ver|CD535342.1 GI:31577757|LeukoN5\_2\_E08.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_E08\_A027 3', mRNA  
sequence.:Start:1:Stop:640

AGGTTTGTATTTCAGAAATCTCGTGGATAAGATAGTCCCTTTTCTGATGGCCTCTTATTTCTTAGTCTAAA  
CTGATTTCAGTCCCTTTCTCTCCCTCCCCCTCCTAAGTTGTTTTCTCACATCTTATCCATCTTGTGTTGT  
GAGTTTGTGGTTAAATGACAAGATTATCTTGTGTTTTGGTGTTCCTTCCCTTTATCTTTGATGCTAC  
ACTTGAGTATTTGCTATCCTGCTCCGATTCTGTCTACCTATTTATCTCCTTATTCTGGGCTTTGTGACCC  
CTTTCTCCCTTTTTTATTTTTTTCAGGTATGAAGGCCTTCTTGAGGATTTCTTGAGGGGATCTTGTGGCT  
ATGAACCTCCCTTAGCTTATGTTTGTCTGGGAAAGTTTTTATTTCTCCATCATATCTGAAGGATATTTTTG  
CTGGATAGAGTATCTTGGCTGAAAATTTTGTCTTTCAAAGATTGATTATGTCATTACATTCTCTTCT  
AGCTTGTAAAGTTTCTGCAGAGAAATCTGCTGAAAGCCTGATGGGGGTTCTGTGTAGGTTGTTTTCTTC  
TGCAGGAAGCTTATATGAGAGGGAACCCAGCAGGTGCTGGCAGAGTGACGGGAGGTGGGAAGGGAAGGC  
ACCTAATAAA

>GBEQ2891 |Acc|CD535327|Ver|CD535327.1 GI:31577742|LeukoN5\_2\_C03.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_C03\_A027 3', mRNA  
sequence.:Start:1:Stop:675

GAGGACTGGACAACCCCAAGACCCACTGGGAGTACTCTGTCCAGTGTGACATGTCACCTCAGCTAGCGTGT  
CATAACCCAGGTCACCTTACTGAATGGTAGTGTGGGCCAGGCGCTCCTATAGGAGCTCCTCAGCGAGGT  
CCTACAGCTGGATCTGTGTCATCTCTGCTTTGATGTGTGTTAACAGTGGGGACTTTATGATGGTCTA  
AGAGTTGCACAGATTTCTGCACAGGGAGCCAGGTTTCAAATTATGTCATCTTGGTATAAGCTCTGTTTTTC  
TGAATGTAAAGCTATTTTCATTGTCTATTTCTAAAAATCCGGTAGGTTTCTGGATATTGTAAAAATGTTGA  
ATACAGATATAATTGTGTAAATTTTCACTGTTTTATTTTGGAGTGAGAGTTTTGTTACAGTTTATAAAA  
GACATTTTCTTATTTAGACCTCAGGGCTATTTTGGGACCTCCAAATAAAGGTGACCCCGAGCAGCATCAG  
TTCTTGATCTGCAAAAGGTTAATCTTTAAGTTAAATATGATAAATTATTCAGCAGAAACAATGTGTCTTT  
CCCTTTTAAAGTTCTGACAAATCTGTAAATGTTTAAAAAGTATAGAAAAAAGGTGTGGTAATGTAAAAAT  
GTGGGGAAATGTGGCTAAATAATTAATAATCACTCATGAAATAA

>GBEQ2892 |Acc|CD535324|Ver|CD535324.1 GI:31577739|LeukoN5\_2\_F12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_2\_F12\_A027 3', mRNA  
sequence.:Start:1:Stop:531

GGACTTACCCAGGATCCAAAATTCAGGCAATAATTAGCCTCTCAAATGGATCTGTTTGGAAAGCATTACA  
AAATAATAGCTCTCTCCCAAAGAAAGATGCCGTTGTGTTAAGGCTGCACCTCATTTAATGGTGTCTCAGC  
TGAAACAGGTGCCCTTACCTGCTTTGCTCTCCAGGAGCAGCTTTATAGATTTAAGCACTGAATATACAGGA  
CACAGTGGCACTATTAACAAATCAGAATGAGTCCAAGGGAAACCTCTCCAGCATCCACACAAAAATG  
CAGTTAGTAACAGAGACACTAACTCTCATTAAGCATAATTAACCTAATATTGACTGTAACTGTTACT  
TACCTTAACTTCTCTGTAGAGAGAGTGAAGGGGATTAACCTAGCAGACTGGGACATTAATTATTACCT  
CTTTCACATTAAGTTACTATCAAGAAGGGCTATATTATATAAATAAACAATAGAAGGGATCGAGAGACTG  
AAAAATATGTAAATTTACTTTAGAAAAAGGAAAGAAAAGCCT

>GBEQ2893 |Acc|CD535207|Ver|CD535207.1 GI:31577622|LeukoN5\_1\_A10.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A10\_A027 3', mRNA  
sequence.:Start:1:Stop:633

CCCCAGTGCATGGTTGTATAGCCTAGTTGTAAATCCTAGTTCTTGTGTGTGAGCCACTGCCACTGCACAG  
CGACTGACAGATGGGTGGTGTGGTTCTGCGCTGGGAAACAACTCAGGCCACTAACTGGTGAGAGCAC  
ATCAGAGCTGGCTCATTTCTCTTAGTTTTGAAAGATGGTAGTAATTAAGTTTTTCAAGGGATAATTTCTT  
GAAGAACAATTTTGTCAATATTTGTTTCATTATGCTTATTTAGGAGATTAAATTTTTAATGAGCATGCAGA  
ATGTTTACAGAGAAAGGTATATCTGATTTAGAGTAGGCTGTAATAAAGCTGTGTTTTGGAAAAGTTATAT  
CACAAGTCCACTTAGTGTTTTTAATACAAAATACAGAAATTTAGAAATACAATGAAATTTAGATCCTTTT  
TATATTTTGCAAAAGTATGATGCAAGGTGGATAAATGTTTGTAGAAATGCTATTAATCTAAAAAGCAAAA  
TAAAGTTAAATAAATGCTTAGCTTCTGCTGTTATTTGGGTCCTACCAGTGGAGAAGTCGATGTAAGGGCA  
CAAGCATTGGTCTCGCACACTGTTGGTTCACAAATGCTAAAGTAAATGCATGTATATATTGAATAAATA  
AAT

>GBEQ2894 |Acc|CD535190|Ver|CD535190.1 GI:31577605|LeukoN5\_1\_A02.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A02\_A027 3', mRNA sequence.:Start:1:Stop:400  
GGACCACCCACCACCACACCCCTCCATCAGGCCGGATGTGACCTGCCTCCTGATGTGGTTTATGACAAT  
TGACAGTTTTATCCATTAACCAAAATCCACTATGCTTTTCTCTGCCCTCAAAATGACTGATATGGCCAG  
GTGAATACATGGGCTCATCAGAAGGGACAGCCTCCCTCCTGATATGTACGACCTTTTCATAGAGACTTC  
AAAAAGGAATTGCTTGAGTCTTATAAGGTTAAATACGTGTTTTCTGTGTAAAAATCAGGATGGCGTCTG  
TTTAAAGGTGGTGCAATTTTATTTCTATTTGAACCTATCACGGTGTAAAGATTACATCCCATTTGTTTATAG  
TGTTCCCCAATCAAGTGTATAGAAAAAGATCAATAAAACTCTCGTGGAAG  
>GBEQ2895 |Acc|CD535189|Ver|CD535189.1 GI:31577604|LeukoN5\_1\_B04.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_B04\_A027 3', mRNA sequence.:Start:1:Stop:706  
TTTTAAGTATGATGGTAATTTACGCCTTTTTTGGCTACTCTGAAATATTGCAGTGCAGTATAAGAGAAA  
GAGCGTGGGTGCTTGGGTCCAAGAAATGAGAATCAAATCCTAGTCCAGTCTTATCTGCTGTGTGACCTT  
GTGTGTGTTTGTGTGTGTGAGAGGGAGCAGAATGAAGAGCTCCAGGGCCATTGTAAATATAACCGTGGCC  
TTTGAAGAGACCAGTAATGATGGGATTAAGAGGTTTATGACATTAAGACAATTTGAACTCAGCTAGTTT  
TCTGTGCCAACGATTAGGGGGAAAATTTGCTTTCCAATCAGATGGCAATGTTGAAGTTTATCTTAACAAT  
GACAGTTGCTTTGAGATGTTCTGGAATAAATGACAGCTAGTCCAGGTTTCATATCAAAGGTGACTGTCCAG  
GCTATCCATAGCCCCAAATAGTCTACCTGAAGGCTGTGGTCTAATTTAACAGACACAAATCCCATAACA  
CAAGAACCATGGTGTGTAGTGGTAACACTACTTTCAACATTGGGTAGTCTACTTTTTTCAAAATGTATAT  
ATCTCATGCTACTTTGAAATGTAAGAGTGTATTTGTTACTGATAATTTAATGCAATATTCTTAAATTTAA  
AGAAATGACTTTGAATTTCCAGATTTTATACCTCCAAAGTTATTTTGTCTAATATTTTACATTAAAAAA  
TCCCAA  
>GBEQ2896 |Acc|CD535179|Ver|CD535179.1 GI:31577594|LeukoN5\_1\_A05.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_A05\_A027 3', mRNA sequence.:Start:1:Stop:515  
TTTCCAGACTGGCAGACAGTACGCCCCGCGGCTTTTCTCACTTACTTTCCCTTTAGGAGGACAGTGAGT  
GAGCAAAAGCAGTGCTCTGCGGTACTCACCCATGGAGATGCTTAGAGAATTCTTTCTCCATGCATGTAAA  
TGATTTTAATTCGGTTTTCACAGAAGGGCTCAATTTGTTCCCTTATTGTCTCCCCATTGAAGTGTGATGA  
AGAGTTCTGGAAGATGGATCTCTCAGAACTCAATTAGGTGAAATGCCAGAAAGTGAGAAAGACAGAGAC  
TCAACAGATAGGACAAGAATGTTTGGTGCATTTGGATGCATCTGTAGAACTCTGACCAACCTCAAAGTG  
ACCAATTTGCTGAATAACCACTCCTCTCCTTTCTGTGAAACTAACTGCTGCACCCCCACCTCCATAACC  
CCACAGCTTGAGTACTTACTGCTTGGCGGGTCACCTTCACCTCTGCTGCTCCCACCCAGTTGAGTTATTAG  
CTTATTATTACTATAATAAGCTTT  
>GBEQ2897 |Acc|CD535166|Ver|CD535166.1 GI:31577581|LeukoN5\_1\_F07.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_1\_F07\_A027 3', mRNA sequence.:Start:1:Stop:658  
AATTTTCATTTCCCTGAAGCAAAAGAATTTTAATACTAGAGTAGTAATTTCTGTTTAGATCCTAGTCAATCAT  
ACAGCTAATCTAATCTATTGGCTGACTTTTAATTATGCTCTTTGTACGTCATTGAATATAGTGATAGTT  
GAACTCTGTGCTTACCTTCCAGCTTCTTATTCTAGCTGCAAAAGACAGAATAAGAATTACATTCTACTG  
GTTATTGCTGCACATATTATAAAAAATATTCTCTCTGTAGAGGAATCTATAGAATCTGCATGCTTTAGGCA  
TTAATTTTCAGGTTGATCTCTATATGCTAAAGAATGCTCATGAACTGGCAGAGCTCATGCTAGGCAGTCAT  
AACTGGAGAATCTTACTCAGAATATCACTCTGTCCCCCCCCACCAGACACAAAATCTTATCTTTGTGTAC  
CTGAATAAAGTTAGAGTGTGTCAGATCTATTAAAAATGACATTTCCGGGGCCAGCCCGGTGGCACAGCAGT  
TAAGTTTGTCATGTTCTGCTTCTCGGTGCCCCGGGGTTCACTGGTTTCAGATCCTGGGTACGGACATGACAC  
CACTTGGCAAAAAGCCATGCTCTGGTAGGCATCCACGTATAAAGTAGAGGAAGATGGGCACAGATGTTA  
GCACAGGGCCAGGCTTCTCAGCAAAAA  
>GBEQ2898 |Acc|CD535083|Ver|CD535083.1 GI:31577498|LeukoN5\_3\_G05.b1\_A027 Unstimulated peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_G05\_A027 3', mRNA sequence.:Start:1:Stop:669  
GAGGTTTATATGCAAGATAGAAAATATCTGGCTTAAAAAGGTGCAGTCTTAACTCTCTTTTGTCTTTT  
ATCCCATGGTATCTTATCTGATTCCCTTTTATTTATTTTATTTTAAAGACTGGCACCTGAGCTAA  
CAACTGTTGCCAATCTTTTTTTTCTGCTTATAAAAAACAAAATTTAAACNTGTTGCTTTGGAATG  
TATCATATGAGATTTTAAAGATCTTGAATATGAATAGGAAAGTAAGACACTGATGTGGAACATTTTCT  
CTTTTTCTCTTTCTTCTCTAGTACAGTCTTTGATCTGTACTTGTTTAAAAATGCAAGCAAAAACAGAG  
AGCAGCTAATTTCTGTATCTTTAAATACCATGTATTTGTAGAGGGCACTCCTAATTTGGTAATCTTAT  
TTCCTTCTGTAAATCTGCTTTCTGTTGTTTTGTCAATCTGATCTCAGTATGGAGATGGTTAAACTATGAT

TTATTACATGATGGAATATTATGCAGCTGTTAAAAATGTTTACAATAGGAAATGCTTATTATAAATGAAA  
AGAACAAAATACAAAAGTGTATATAGTAGGATCCAATTATACATATAAGAAATGGGGAATAATAAAAGC  
CTGAGAGGAAATATACCAAAATATTAAATGTGGTTCTTG

>GBEQ2899 |Acc|CD535065|Ver|CD535065.1 GI:31577480|LeukoN5\_3\_D12.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_D12\_A027 3', mRNA  
sequence.:Start:1:Stop:647

GGCTTCAGGGTCTTTGGTAAATTTTGTCTTTTTTCGCATCAGATATTCAGTGGAAATAACGGAACGCT  
AAGCTCTTCTAGGTTATTTCTGATTAAGCCTCAAACCTGGCTGTAGGTTCTCCCTCTGCATTTGTGCCTCT  
TCCATCTGGTCTTACCAGGAGCAGGTGACCGTGGCAGGTCTCTGAGACGCATGAAAAGGGGAAGGACATT  
CAGACTGCCAGTGACTCGTGTCTCTCCTCCCCCGGGCCCCCTCCTCATGATCACAACCACACGTGAAGG  
GATTGTTGGCCAGGTGCTGCCTGGCACAGTGCTCTTCAGTCATTTTCACTCTGAGAGCCACCTGGGCGAGTG  
TGAGACAGTCTCCAGCCACCTGCTGTTCTGTTCCACCCCTTCGGAACAGTCCCCTGAGGTTTGATTCT  
CTGATCCTGTGTGGTTTTTTGCTGTAGAGTTGCAGGAGTTGAGATGATTGGAACATCTCCTAAGAGCAGA  
GCTCTGTATTCTCCATGACTGAAAGCAAATAGCATTGCTTTTGTCTGCATTTTCTTGCTGCCAGGCTGG  
ATGAGTTCTCTCCTCATACTTCTTGGCCCTTTGAACCATCTGCCAGCTACAGAGGAATCTTCTAGTTCTG  
ATTAAAAACCACAGTCT

>GBEQ2900 |Acc|CD535039|Ver|CD535039.1 GI:31577454|LeukoN5\_3\_E09.b1\_A027 Unstimulated  
peripheral blood leukocytes N5 Equus caballus cDNA clone LeukoN5\_3\_E09\_A027 3', mRNA  
sequence.:Start:1:Stop:700

GGAAAATTGTTGTTTAAAGAAGTAAATATCAGTTGAACTGTTTTAAATATAATTTTTTAACTTTGT  
CTGTAGATTCCTTACATTTTCTATGTAGAGAATTATATGTCTGTATACTGAGCTATCCAGTACCATAG  
CTACTGCACATTAACCTCTAGTCTTAGTTGAAATATGCTGGGAACCGTAAATAAATACACACCAGATT  
TCGAGGACTTTATTTGGAAAAAAGTGAATATGTCACATAATAATTTATATTGATTACATGTTAAA  
GTGGTAATATTTTGTATATATTGGTTTAAATAAAATAAATTATTACAATAATAATTTATTTTACTTTTT  
TGATGTAGCTACTGGAAAATTTAAGCATATTTAGTTTCTATCTGTTACTTGCATTTTATTTCTTTTGGAA  
AATCTGGTCTGCAATAATGATAGTTGTGTTTTTCCCTTTCCAGTTTTTCTGATCCTACTAAGCTAGC  
TAATACTACCAATATATCGTTACACAGAAGCTGCATTAGTGGGCATCCTTGTGTTTCTTGACTTTAAA  
GGAAATGCTTCTGATGGTTTACTATGAAGTATAATGCTTGCTATAGGTTTGGAGTAGACCTCTGTAGAA  
AATTCCTATTTCTTATTTGGGAAATGTCTTACACCAAATGGTTTACTGATTTTATTAAACAATGTTAAGC

>GBEQ2901 |Acc|CD528904|Ver|CD528904.1 GI:31567526|LeukoN3\_8\_G10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_8\_G10\_A025 3', mRNA  
sequence.:Start:1:Stop:691

GAAGGCAAAGATTGTGGCCTACAGAATTTGATGAAGACACTATTGGAACATGTTGTTTACATCTATGC  
TATAAAATTGTGAATGATAAATTAATGTGTCTAGAAAATTAATTATGGTTTACATTTTATGCATATTT  
TAGAGTAGATTTTGTGGGGGGTTCAGCAATAAGGCACATAAGCAACCGTTGAGAGAGTTACTGGAAAAG  
AATATTGATGGACAGCATGATGTAATCAGAATTGAGTAAATGGTGCTAGGGAGCTGCAAACTGCAGAAGA  
TCCGTCTTGTTCATAAAATAAACTCCTGAGAGCTATGACATTGGGAATAATAACAACATCGCTAACT  
TTTTTCTTTTGTGTTGTGAGGAAGATTGGCCCTGAGCTAACATCTGTTGCCAATCTTTCTCTTTTGTCTG  
TGAAAGATTGTCACTGAGCTAACATCTGTGCCAATCTTCTCTATTTTATGTAGGATGCCACCACAGCAT  
GGCTTGACAAGCAGCACTAGGTCCACTTTGGGAATCCGAACCTGCGAAGTCCAGGCCTCCGAGAAGGAGT  
CTGTGAACCTTAACCACTACACCACTGGACCCAGCCCCAGCATTTATTATTTAAATTAATAAATGTTTGC  
CACACGAAATGAAATTACATTGTTAAATGGTTTATACAACTTATTAAATATATTTTGCT

>GBEQ2902 |Acc|CD528866|Ver|CD528866.1 GI:31567488|LeukoN3\_5\_F08.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_F08\_A025 3', mRNA  
sequence.:Start:1:Stop:630

CCCTGAGCAGAAGAACCGCACCCGGGGTGGGCGTGATGGGCCAGTCAGACTAAGCTGGGAGGGAAGGGG  
AAAGAGGCGAGGAGGAAGAAAGTGGCCACATTTGAGTCAGCGAAAATCATCTTGAAAACCTACCTTGAG  
CAAACGATTCCTCTGGTATTGCCATGGGGCAATGGTATAGTGACATTTTCTGCCAGGGTATACAAAAT  
CACTTACATCATGCCGCCAACGAAAAGCAAGACTGGAAGAGAAGAGAGTAAGAAAGCGATAGCTACATA  
TAGAAAATCCAAAGCAGAAGGTTAAACAAAGAAAACCTCAGAACAAATAAGCCACAACCGACTCTAGATG  
TCAGTGTGTTGTCGCAATAGCAACGAGGTAGGAGTGGGCAAGGCACCGTCTTTGAAGCACCCACACCCAC  
CACACACACACACACCGACATGGAGACTGTGAACGGAGGCTGAGCACAGCAAAGATGTTTATGGAATT  
CATTACCATCTTACTAAGAAAACATGTTATGGATTGTTCTTTGAAAGCTACTTTGGCGTAAAGAATCTA  
TTTAACTACCCACAAGTATGTGTTCTGTTATTAACATGAATTACAACCTTATTATGTTTATTTTCAATAAA

>GBEQ2903 |Acc|CD528858|Ver|CD528858.1 GI:31567480|LeukoN3\_5\_C12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_C12\_A025 3', mRNA  
sequence.:Start:1:Stop:785

TAAGTTCCTGACTTATTGTACTTGAGGGGAGAAAACTTGGTCTAGGAATAGAAATGCTGATTTTTTCAAT  
AGCGTCATTTATTTTAAATTTACAGAATATACAAAGCAAATGTAAAAGCATGAACGTTTATGTTGGTGTG  
TTTGTTCACGATTCAAGTAACAATGATGTTTGTGATGTTAGCCATTGTTCCAGTTTGGGGTTTATTTTT  
CTTTTTCTGAAAAGGAACACCTTTAAGAGCATGGCACCACAAACAGACTCACAGAATGGTCAGCTCT  
GACTCCTGTTACAGCTGGGTTGATGAAATCATTCTGGAACCTCTAGCTCCAATCTACTGAAGTAAATCA  
CAAATATCCTCAGAGTTTAAACAAGAAGGATACTCCGTTCTGTAGACACAGGTAGATTCTAAGGTCCACCA  
CTTGTTCTTTGTTCTCCTCTCTGCCCCGTGATGACACTCTCTAAGAGCTCTCTGACACTGGCTGCTGTCA  
CCTCACCACCTTTCCCTTCTTCTGGCTAATTCCTACACTTTTTCTCAGTGTTAGCACATGCATAACTTTTT  
TCTTAGATGTTTTCACTGAATGCCTTCTCGACTCTGCCTGCTGTCATGTCATGTTCTAAATGACAGCT  
TTTTCTACCAGACAAATAGTAAATATATTGGGCTTTGTGAGTCTTCTGATCTTCTCGCAACCACTCAAT  
TCTGCTGTTGTGCGCACAAAAGCTACTGTAGGTGACACAGAGCCACACGAACCTGGCTGGGTGCCAATAAA  
ATTTGTTACAAACAC

>GBEQ2904 |Acc|CD528840|Ver|CD528840.1 GI:31567462|LeukoN3\_5\_B09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_B09\_A025 3', mRNA  
sequence.:Start:1:Stop:631

AAGGTCCATAAGCTCAATTTGAAAACGTGTTTTAGTCCAACCTATCATTTTTATATTATGAAACTGAG  
GTCAGATAAGTGAAGTAATTTGGGCAAGGTATTGGCAGCCTTGAGGTTGAGACCCGGGTAAGGCTAATAA  
GAGTCTGGGAAGTCTGAGGAGGCGAGGCGAGCATGTGGAGTCGAGCATGACTGGCCTTGCTGCTGTG  
CTCTCGTGATGTCCCCACGTGGAACAGACCTGACACGCATGTCAGCTCTTCAAGCAAGTCGGACCCAGC  
GCACAGGACTGCTTTGCGTGACACAGACACTAGCTGCCTGGAGGAGGGCTCACATTCCTCCAGGGGGGC  
TTCCGACTTTTCAGTAGCAGGCTGTCTCTTGGGCATCACCACATGAGGGTGCCGTGGGATCACAGCTGCC  
TGTCCTGGCACAAATCAACACTATAGGAGGTCTCTTGGGCCCTGAGGGCCTTCAGGACCCAGAGAGGA  
AAGATTCTGGGGGAGCCCTGCCAGAGGGGGAAGAGAGAGCAGCCAGGATGTGACCTGGAGTGCGGAAGG  
GAAAAGTTCTCTCTCGAAAGAGAAGAAAATTGGACATGAGATCCAGGGGAAATAAAGGTTGTATGGCA  
T

>GBEQ2905 |Acc|CD528836|Ver|CD528836.1 GI:31567458|LeukoN3\_5\_D12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_5\_D12\_A025 3', mRNA  
sequence.:Start:1:Stop:679

ACCAAAGTGGTAATGTGACCGCGGGAGAAAAGGTGACCCTGCAGTGCCGGCTGCCAGATATTTTTCAGGG  
GTCTGTAAAGTTTGTCTGCTGAGGCGAGGAACCTTCAATGCCCGTCCAGACCCGGAGTCCAAAATGGAAG  
GAGACAGCCTTCTCCCTTCAGAATGTGACAGTCAACGACACTGGAAACTACAGCTGTGTGTACTACCGGA  
CAGAGGATCCTTTCCAGGCCTCAGACCCAGTGATCACCTTGCATCTGGGTGACAGATAAACTGAAAG  
GAAGTCTTCTGAGAAAGCAGAAACAGGACAAGGAGATAACTCAAGATGGGGGTGCTGGTCATGCCAGGCA  
AACCAACCATTGTGATTAGAGGGTTAGGACTTTGAGCCAGGAGATATCAGCCCAACCTCTGGGGGGAAGA  
GGAGGCTGGGGATAGATTCAATCATGTGGACAGTGGTTCAATCAATTACACCTATGTGATGAAACCCCAA  
TGAAAACCTCTGGACACTGAGGCTCGGGGAGTTCCCTGACTGGTGACACACATTGATGTTCTGAAAGGGT  
GGGTGGCATAGTCTGAGAATATAGGAAGCTTCCCTTTGGGGGCTGGCCAGACCTCACCTATGTGTCTC  
TTTGTTTAGCTGGTTCTGGTTTGCATCCTTCAACAATAAAATTGTAATAA

>GBEQ2906 |Acc|CD528772|Ver|CD528772.1 GI:31567394|LeukoN3\_7\_D01.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_D01\_A025 3', mRNA  
sequence.:Start:1:Stop:380

TGATTAAAGCCAAGTGTTCATGTTGCTGTGAAGAAGATTCTTCAAAAACCTTTGAAAAATAGTTACTTG  
GGTACTTGTAAGGTATTCCATTTTCGTATTTAACCCCTATAGAGATCTCCAGTTCCTTGAATTTGAGCT  
TATGGGGGGAATTCTAAATTTGTATCATAATCTGTCTTTTGGGGAAGGTTTTGAAAATAGTTATGTATAT  
ATATAATATTATATATGCAAGTTGGGTTGTGTCCCTTGTAAGGGGAAAAGGCTTATTTTCTTTTACTT  
CTAATAACTTGTGTTTGCATATGCCACCCCTGACTGAAAGGCCATGTGTAACCTGCAACCCCTGTTGCTTT  
TTTTTTTGTGAAATGAAAATAAAAGTATTT

>GBEQ2907 |Acc|CD528761|Ver|CD528761.1 GI:31567383|LeukoN3\_7\_A04.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_A04\_A025 3', mRNA  
sequence.:Start:1:Stop:248

AATGGGATAAGATTTTCATATCTTGCACTGTGTGAGCCCATGTGTGTGCACAATGCAAGAGAATGAGGAATT  
TGGGGCAAAAATAAATAAATAATTGTATCAATATCATATGTTATCTATTGTAAGAAGAAATTTCCCCCA  
TAATTTAAGGTTTGTGAAATCAAGATGAGTCATAACATTAATGTGTAGAGCTAAAAGGGTAGGGTATTT  
TTCTCCTGAAATACTGTTATTAAATAAATACTGCTTTT

>GBEQ2908 |Acc|CD528719|Ver|CD528719.1 GI:31567341|LeukoN3\_7\_H04.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_7\_H04\_A025 3', mRNA  
sequence.:Start:1:Stop:574

TTTTTGTGCCCCATAATGTGGTGCATCACCTGTGGTTCCCCAGCTTGCCCTCAGCAATGCTTTGTGGTCCT  
AAATTGTTTTTTCATACCTTGCCTCCCATTCAAATTTCTCCATTTTAGAAAACTGATTGATTAACTGAGC  
AGTTTTTGGATGTTACAGTGTCTTGGAGAGAGCTTTCTCTTGCTGTTTCATCATCTTATAAAAGGATACC  
TCCTGTTTGGAGCCACTTCACTGAGAATTATCATCAAATTTCTTAGAGTAGTATCCAAAACGATGGACTTC  
TGAGATCCTGTATCTGTTTTACTTACTTTTAGTTCTTGGGATGTGGTGTAGGATATAGGACCTAGGAT  
TTTTTCTTTTCTTTTCTTTTCTGTAATCCTAGAATGCTATTTTGGCTGTGTAAAAATATTATTTTCAC  
TTATGAGAATGACGTGCCTTTTATGCATTAAAGTCATGTAGCATGATTGAATATGTTGGTTTGTATGAG  
TAATATTGCTTGCCTGTTAAATGATTATGTGGTTATTGTCTTTAATTTTTTGAAGTGAACAATAAAT  
GCATTTTCCCCATT

>GBEQ2909 |Acc|CD528603|Ver|CD528603.1 GI:31567225|LeukoN3\_3\_E10.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_E10\_A025 3', mRNA  
sequence.:Start:1:Stop:669

ATGCAGGTTTTAGTATTGTTAGAATAGTAAGACTTTATATATTAATTAAGTGGGGCTAAAAATGGCTATA  
AAAAGCAAAAGCATCTGTAGACACAGACAATTTGCCACACAGACACACACCACACATAACTCAGAGAA  
TAGTGAACAAATCTTGACTTACCCTCATTTTGCAAGACTTAAAGAACAGATTTTCAGATTGTTGAATA  
AACTGTTATTCTACGTGTGGATTCTTTGTTGACACGGGGAAATGTTCCAGCCCAGCACACTGTTCTCCA  
CTGAGGCAAGGTTATTGATTCTACCTGAGGTTTCAAGAGTGTAGTCACATCCCTGACCCCTAGACCACC  
CTACCTCTGGCTTAACTCTCAGATGATGCCAGGGGCTTCTCTCTCAATCGAGATGCTTTACCGCAT  
CCCCCTCTCGTTGGTTAATAAGCAAAATACCCCTAGAAAGAGCTTACATTTTAGAGCTGTATCTAGTGT  
TACAATCTGGTTTACAATCTGGTGTAAATAAGGATCTGAGCAGGATGGAAGAAATGGAACCTCAAGGGAA  
GGGAAAGCATACAAAGTATGATAATATAATAGAAATGGCATGGAATCTGGAGTCAGAAGTCTGGATTCA  
AGGCCTATCATTTGCTTCTGTGAAAACATTAACCTAA

>GBEQ2910 |Acc|CD528589|Ver|CD528589.1 GI:31567211|LeukoN3\_3\_B12.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_3\_B12\_A025 3', mRNA  
sequence.:Start:1:Stop:729

ATTGTGGGAACCAAGTGGGGCACAAATAGTCTTGAAAAGGTATCCGGGGCTCAAGGATGGAAGTGTTCCT  
TGATTGCTTATTTTCTTCTTCATGTTTCTTTCCCATACTTTCTGGCTCAGCCAAAGCCCAGTCCCTCCA  
GGGACTTTTGAAGTCAATCTACACTCTTTCGTTCTTCATTCTCAAAGCACTCCTTGCTTTGGTTCTTGT  
ATAGACCCCTTTATCTCCTATTGCTGATGGCACCTCTTCAATTGTTAGTGAACTTTCCAGGGGATATT  
TTTGAATTCACCACTAGATTGTGAGCTTCTAGAAGACAAGACTATGTTTCTTGATGTTATCTCCCCATT  
CTACCCCTACCCAGCCCTAGCACAGTACTTTGGTTACAGAAAATATTCAATACGTGTTTACTGATTGA  
TTGACTTGCCACTAGTCCAGTAACCTTGGGCCTTTGGGCCAAATGCCATCTAGGAATTTGAAGAAAAA  
AAACTGTGGTCACCAATGTTTAAGGTAATAGCCAACATTGAGGATTTTCTTCTGAGAAACAGGGTC  
AAGATCAAGGAGGAAGAGGGAAAAAAGGCTCAGAGATCAAAATGAGTTTGGAAATTACTTGGTAACAC  
AAAGGCATCAAGTGCTTTATTATAGAATTTATCAGAACCTTTAATATTCTAATGTTGCATTAGAAATCCC  
CAAGAGGGAGCTATACAATAAAGCATTTT

>GBEQ2911 |Acc|CD528471|Ver|CD528471.1 GI:31567093|LeukoN3\_2\_E04.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_E04\_A025 3', mRNA  
sequence.:Start:1:Stop:221

TTTTTCCGTCATTTTGGGATTTGGGAAATCCCGGAAATAAATACTTGAACAAAGAAAACCTTTAAGAAC  
AGAAAGCCCAACTTAAATGTATAAATGGGGGGGAACAAGGGATGAACCCACCCTCAATTCCAACATGATA  
AAAGTGTCCCCTGCCCTTCATAAGGGCTTCAAAGTGTTTGTCTTTGATAGAAATAAAATAGTAGCT  
TTGAATGTTTT

>GBEQ2912 |Acc|CD528470|Ver|CD528470.1 GI:31567092|LeukoN3\_2\_F06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F06\_A025 3', mRNA  
sequence.:Start:1:Stop:557

CCCAGGAGTTCTCCTGAGCTCAGCCGAGGGGCCCGGCCCTGAAGGAAGGGCTCTGCCTGAGCAGTTCTTC  
CTGAACGGCTTTGAGTTGTGAAAAGATCTGATTCTGGAATTGTGTCAATATTAACCACATGCAATGTC  
TGGTTTCAGATCAAAATGTGAACTGCCTGTTGAACTTGGTCGCATTGGTCTGAAAACAGCAAACAGTTT  
CAAAACCTGTCTTAGGAAAAACGACATCAGCACCTGGGAGCCTTCTCCCGGCACGGCCAGCTGTGA  
CAGTGGCACTCCCTGCCACCTCTTCTGCGACAGCGGTGGCATCTGTGGCGGATGTTTCTTCTTTGCGC  
CTCCGTGTGGGATTTGGTTTGAAGTTTGTGTAGATAGTACTTTTAAATACCTGCCTTTGGAAGAAATCC  
TGGAAAGCTTTTCAAACTGGCATTATAAATCAGATTTGAGCCAGTGAATTAATAGAGGGTGTAAATAGA  
GACGTGCATGTGTCTCCAGGAGCATTGCACGTTGCCTGTAGAAAGTTTAAATAAAACATTTTAA

>GBEQ2913 |Acc|CD528461|Ver|CD528461.1 GI:31567083|LeukoN3\_2\_F03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:246



CAGAGTCCTCGGGCAGGGGCAAGACTGGATTGTCAAGGCCAGGGCCCCCTGCCATGACCCCTTGTCTCTT  
ACTCTCCCAGTGAAGCCTTGGCGTGGCCCCAGAACAGTGCACACACACACACACACAGCCCCCCC  
AAGTCCTTTACCTGTCTTTCTGTTTTCCAGAAAATACAGCTTTGATTCATCTTTGGGAGCCAAAGTCAC  
AAATTCCTGCAACCATAATAAACCTCCTTCCGCCTC  
>GBEQ2914 |Acc|CD528447|Ver|CD528447.1 GI:31567069|LeukoN3\_2\_A02.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_A02\_A025 3', mRNA  
sequence.:Start:1:Stop:454  
CAGTCTCCAAAGCCTGCCAACGTTGCCCATCCCTCAGTGGCACCCAAGGGCAGGTGCTCCATTCCCCCTG  
GCCTTGACTCTTGATACTGACTGGTCCCCAGACTCCATAGCCAGCTTCCTTTAATCCGCTCTGCAGATT  
TCTGTTTGTGTTTATTTGTTGTCGTTGTTTTCTGAGTCTCCGTTCTAACAAATTACCTTTCTTAA  
ACTTATAAATACTCTCCGCTGCTATCAGGACCACTTCCCTACCTCAGGGCCTTTGCACTGGCTATTTCCCTC  
TAGCTTAGAATGCTCTTCCCTAGGTCATTGGTGGCCTATGGTAATATCATGTGGGCCACATGATATTAT  
TTAAATTTAAATAACAAATTTAACTGAGTTTTGATTTAACTGACTTAATTAATTTTAACTAAATTAGGT  
ATTTAAACATAGCTTTAAATCTTCTAGTAGGCA  
>GBEQ2915 |Acc|CD528442|Ver|CD528442.1 GI:31567064|LeukoN3\_2\_C09.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_2\_C09\_A025 3', mRNA  
sequence.:Start:1:Stop:529  
CCCTGCCCCACCCACCCAGGGGCTGGGGCTTCTGGGAGCTGTGACTTGGGAGTCCGGCCTGCGCCTCC  
CCTCAGCACCCACTGTTCCAGCTCTCCCATGGGGCTGCTGGGCCTGGAACTACCTCAAGATTGGGGAGGGT  
GGGGTCACAAAGACAGTCTGAGGAAATGATGTCATCTCTTTTAAATAATGTTGTTCAAATAAGGTTAATT  
AAAATGCTCTGGGGGAATAACGTTGCCCTCTTTTAAACGCTGTGTTTAAATAATCTTAATAATGAAAA  
CGTCTAAGGGAATGACGTCGTCTCTTTCAAGTGCCTCACCAGACGCGATGATGTCCTTGGATGTCACTT  
TGGGCCACGTGAGTCATGGCCCTCACACCAAAGGGGGCTTCGCTTCACCTCAGGAGAAACAGTCTCATTT  
GAGATGTGCCCCCACTTGCAAACACACACATACACACGTTTGGACTGTTTCCCTTTGGTTTCCCTCCTC  
AGTTTGATTGAGGTATATTTACAAATAAAAACTGTGTA  
>GBEQ2916 |Acc|CD528266|Ver|CD528266.1 GI:31566888|LeukoN3\_1\_E10.b2\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_1\_E10\_A025 3', mRNA  
sequence.:Start:1:Stop:607  
ACTTCGGTCTGGGCTGGATCCAGTGTTTTTAAACAAATATGTTTCAATTTCCCTCCACACACCGTATGATCTC  
ACTTTTTTCTTTTGATTAATAAACAACTACTTATGTTGAGGAAAGGGAGGATTTTAAAGAGTCAAAGT  
GTGCTCAGAGGCTGTAAAGATGTTCTATAAAGGTCCACTTGGTGGTCTCTCTTAAAGCCGGAATCTTG  
CCATTGCTAGGTTCTTTGGTACAGGCCGTAGTGAATATATTTGATCTGCTGCTTCAAACAATACTTATTT  
TTTGAACATATTGACATTGCTTTTTTTTCCCTCAAGTGAGAACATGTACCAAGAAATATTAACCCATGTGT  
CCTGGCTGAAGCCACACACAGCTTATGGGAGTGTGTTTGGCCCTCTCCCGCCAGTCGTCGTGTATCGTTTC  
ATTCTGGGCACCCAGGAGACTGAAGACCGCTCCTGGGGACGAGAGGACAGTGTTCCTCTGAACAGGTTT  
AGTGCAGTTAAAGGTAAGTGAAGTGTACAACGTGAACCTGGACTGTTGGACGGCCTCTGACTTCTGTTT  
CCTTATTTTACATGTATGTGGGGTTTCGCGTTTGTAAATAAACGAT  
>GBEQ2917 |Acc|CD528171|Ver|CD528171.1 GI:31566793|LeukoN3\_4\_A11.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_A11\_A025 3', mRNA  
sequence.:Start:1:Stop:581  
CATTTAAGTACGTGTGAGTATGTATAGGGATAGTGCACCATATACTTCAATGGGAGGGGGCTGGAAAAA  
TCCTTTTGTGGTAACTGCTCTAATATATGTAAATGTTGTTTCTATCATTTGTAAACACACAGGGCAGGTG  
TTGAATTTACAGAGGTATTTGATCTAATCACTTAAGATACAGGAAGCGAAAAACAAAGGGCATCTATT  
TTTTTTGTGTGAGGAAGATTGCCACTGAGCTAACATCTGTTGCCAATATTCTCTTTGTGCTTGAGGAAG  
ATTGCACTGAGCCAGTATTTGTGCCAATCTTCCTCTATTTTCATGTGGGATGCTGCCACAGCGTGGCTTC  
ATGAGCACTGCTAGGTCCATGCCCGGATCCAACCTGCAAACCTGAGGCCACAGAAGCAGAAGATGAGA  
CCCTCACTGCTAGGCTGGCTCAAAGGAATTATGAATAGCTTTAAATAATTTAAATTTGTTCCCT  
TATCTCTTTATTCTACCCTTATGGTCTATTTCATATGGAAATTAGATACTTTGAATGGAAATAAAAAAGAA  
ATAAATGTTCTCCTTCAGCCC  
>GBEQ2918 |Acc|CD528170|Ver|CD528170.1 GI:31566792|LeukoN3\_4\_F03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_F03\_A025 3', mRNA  
sequence.:Start:1:Stop:146  
GGTTACCCGGCTTTCCGTTTGTGTTTTCTTTAGCCAAAGAAATGACCATTCCAAGGGGTGGCAGGG  
AAATTTTGTAGGGGAAACCCTTTCCCTTTTGGGTACTGGGTGGTAAACAGATGAATAAAGTGGGTTTTTC  
CTTTTG  
>GBEQ2919 |Acc|CD528165|Ver|CD528165.1 GI:31566787|LeukoN3\_4\_E03.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_E03\_A025 3', mRNA

sequence..Start:1:Stop:479

GCCAATGATGGTGAAGAAGCTTTTGAGGACGACGAAGAGGAGATCAATGAATAGAGGAGCCCCCTGTCTC  
AGATACCGCAATGCAGACCATCTTTAACTCCGGTGCCACCAATGTTGCCCTGGTCCAAATATGTGGGTGT  
AGGCCCCCTGGGAAATGCAGCAACATTGTACTGTCTAGTCATATGGAACAAAGTACAGTAAGATAGCAGAGA  
AGCGGCAGTGTGCCCCGATCTGAACATCAGCCTACAGGGATTTTTGCTGGAGGACTTGAAAGAATAAT  
GGGCCAGAAATAAAGAGCTAAAGAAATAAACCTCACCTTCTATGTTTTCAACTATGTTTGAGAATTAGC  
AGGGAAGTTCACACATAGTGTTTTTTCATCCTTTGTGAGGAAGCCTGAAGCTGTGCGGTGCTGCCTTATA  
CTGAGTATGCAATTACTGAACCTTTGAAACAGTCTATTCATAATAAAACACTGAAACTGC

>GBEQ2920 |Acc|CD528153|Ver|CD528153.1 GI:31566775|LeukoN3\_4\_H02.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_H02\_A025 3', mRNA  
sequence..Start:1:Stop:377

GGGTAATGCCTATCATTTAGACTTTTACAAAGATATAAACTTGCATTATATTTAGGATAAAACACTATGA  
AGTCAATTAGTCCAATTAGTTATATTGATGGGATATTTACCTTCTGTTTTGTCAGTTTCTTGACTT  
CAGTATCTTTTCAATTTTCCCTATTTTGAACATACTCTGGTTATAGTAACCACTCTTTTCTTATGGGCC  
ATTTTGTCTTGTGTTTTTCTTTTAAATGATTTCCTTTCCNCAAGGCTCTGATGTTAGTCAGTGTAAACATC  
TAACATAATTGGGATTTCCCTTTTGCATTTGGTTTTTAAACAATCACATCCAGATGTTGTTTGCCTTATAG  
CCTGATTTCTATTCAATAAAGTTTTGGG

>GBEQ2921 |Acc|CD528144|Ver|CD528144.1 GI:31566766|LeukoN3\_4\_C06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_C06\_A025 3', mRNA  
sequence..Start:1:Stop:426

CCCCCAGATTCTCTCTCTCCCTGCATCTGACAATATCTCTCCCCAGTCAGGCCCAGGCCTCTGTGAC  
CGTGAGACTTTGTCATAGGCAGTTCTTCTCTCTGCAATGCCCTTCCCTCCCCATTCTGCTCTCTCCAAGTC  
CTGCTCAGGCTCAGTCATAAATGTCACCTCAGTGTGTGTGTGCGTGCACACGTGTGTGTGTGAGTGTGT  
GTGTGTGTGTGTATTAATCATTGTATGGACCTCGACAGAGTGACATTAAGTCATTTATTACAGACTCCTG  
AGCAAGAATTATAGAAGACCTACTATGTGCCTACATTGTTGTTGGTGCCGGGGGTGCCACAGTGAACACA  
GTATCCAAAATCTCTTATCAAGAAGCTGAAATTTTTGGAGACAAGAAGGATAGAAATCAAATAAATAAGTA  
AGAGAT

>GBEQ2922 |Acc|CD528135|Ver|CD528135.1 GI:31566757|LeukoN3\_4\_B06.b1\_A025 Unstimulated  
peripheral blood leukocytes N3 Equus caballus cDNA clone LeukoN3\_4\_B06\_A025 3', mRNA  
sequence..Start:1:Stop:622

CCCATAGAAAAGCTGACCATTTCACAGCTCTTGCCCGTCACTCTGGCTTCTATCACGTACCCTCA  
GAAGGCAGGGATGTTTTTCTTAGATGGTAGTTTCATATTTCTAACAATAGGACACAGAAGTGCTCAAGTA  
TTGAAAGATTCTGCTCGTATGAAAGTGGACCACAAATCTTAGTCCTGATTCAGAGCTTGAGCAGCTCC  
TCTGTCCGCTACTCTCTTGGGCATCTAGCTGATCAGAGCTCACATTTTGGTGTTCATCTCAGGTTTGC  
TGTTGGCAGAAAGCACACTTGGAAATGGGCCAGGATGAATCTGGGAGTGGGAAAGGATTGGTCAGGAGCCA  
TGTGTGCCACAGGGCAGGAAGAAGGTTGGCTGCAGCCTGATCTTCTCTCGACTTGATTCAAGTATGCTT  
GTAACAGGTGTTTCTCAACTGGAGTTGGAATACAAGGACTCTTGAAAAGATTGACCCTGTGTTTACCTG  
AGAAAGGTGGTTGAATCTGTCCACAAGGTTATTGTATAACTTGAGAACTGTCTACAAAGTTGAAAACCTGC  
CCATTTTGAAGAATCGAGGATTATTATTAACTTTTTTTTTTATTAAAGATTGGTACCTGAGC

>GBEQ2923 |Acc|CD472330|Ver|CD472330.1 GI:31393598|LeukoS6\_5\_A03.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_A03\_A028 3', mRNA  
sequence..Start:1:Stop:448

GAATGAGTGCACGTTTTTGTAGCTCAAACCTTTCTTTTTTTTAAATGATTTTATTTTTTCTTCTCTCCCA  
AAATCCCTGCAGTACACAGTTGTATATTTTTAGTTGTGGGTCTTCTAGTTGTGGCATGTGGGATGCCAC  
CTCAGCATGGCTTGATGAGCAGTGCCATGTCCGTGCCCAGGATCTGAACCTGGCGAAACCTTGGGCCGCCG  
AAGCGGAAGGTGCACACTTAACCACTCGGCCACGAGGCCGGCCCCAGGCCCAAGCTTTCCGAGCCTCTGA  
AATGGGGGCTTGTGAGTCTCAGACCAACCTGTTTTGAACCATCCCAGCACATTCAAGATGTGCCCTTTTG  
GCTTTTCTATCTGTACGCCCTCCCTGCCCTCCCAACCCCATCTTTTCAACCTTCACTGGTGAGAAAAGGTTA  
TTTGGGGAAGCAAATATCAATAAACTAC

>GBEQ2924 |Acc|CD472310|Ver|CD472310.1 GI:31393578|LeukoS6\_5\_D12.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_D12\_A028 3', mRNA  
sequence..Start:1:Stop:466

GGTTGGCCGTCTGGCGAGGCAAGTCTTCCGCCCGAACTGGTGCCTGCAGCCGTTCTGATGGGGTCCGCTG  
TTTCTGCTGCCGGAGGCAAGACCCTTCCGGGACCCCTCCGTGCCTGCGCCTGGTGCCAGGCGGTACAG  
GAGGTGTTGGTTTGAAGTCTTGGTAGATGTGGCTGTTCTTGGTTTTCTATGTGACCCTTCTGTGTTT  
GACCATTAAAAAGGACAAAATTCAGCCAGTCTTCTTATTATTATTAGATTTATCTGGGCGGGATATTTTA  
ATATTGTCAAAGAAGATAAGCGAAGTTGATATTATTTTTATAAACTGTGTTATAAGTCTTGATCTCATA



ATTCAAAGGAAATGAATAAAGCAAACCCCTAGAAATAATAGATTACTTTAAGCTGCTATACAACGTGTATG  
GAATAAATTAAAACTTTTGTGAATCCAAGGTTATTTTTTTTACCC  
>GBEQ2925 |Acc|CD472287|Ver|CD472287.1 GI:31393555|LeukoS6\_5\_E04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_E04\_A028 3', mRNA  
sequence.:Start:1:Stop:563  
TGAGACTTGAGGTGGTACCTTGATCACCCCTTAAGTTGCCGAGTCCCAGAGTGAGACAGTGCCTCCAGG  
TGGGCTCCCCCAACCCTGCCTCGCCAGGAGAGGTGTCTCAGCTGAGCTGGTGAGTTTACTAACCCCTGAG  
TGATTTTAAACAGAGAGAAGGGGCTGCAGGCTCAGAGCCTGCCCCAGGAAACAAATTCACCATAATGTA  
ATGTCCTTGCTTGGTCTTGGTTCTCGTTGCATTTACTTTTTTTTTTCCCGCTGAGGAAGATTGTCCCTG  
AACTAACATCTGTGCCAGTCTTCTCTGTTTTCTATGTGGGACACCAACCACAGCATGGCTGAGTAATGTA  
GGTCCGTGCCTGGGATCTGAACCTGCAAACCGAGGCCACCGACACGGAACGCACGAACTTAAACCACTA  
GGCCGTGGGGCCAGTCCCTCTCAGTGTATTTACTTTTCATGTGTATGCTCGAGGCCCCCTACTACTTGCTTTCC  
AATCATTGACGCTGATTTCCAGTCAGTGCAGTGGGCTCCTTGTTAAATGAACATATCAATGTATTAAAAAG  
GGA  
>GBEQ2926 |Acc|CD472268|Ver|CD472268.1 GI:31393536|LeukoS6\_5\_H07.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_5\_H07\_A028 3', mRNA  
sequence.:Start:1:Stop:164  
CTCCATTAGCGCTCATGTCTTCCAAGACATCTGAGGGAGCTACTGGGTCTGTCTGCAAAGGATGCTCTG  
TCTTCAAATTTACTGCCTGAGATAAGTCCCTGTTCTTCTTGACACTTTGCTATGATTA AAAAGCCATATT  
TTTATGCACTGTCTAGCAGTAACAG  
>GBEQ2927 |Acc|CD472175|Ver|CD472175.1 GI:31393443|LeukoS6\_1\_C02.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_C02\_A028 3', mRNA  
sequence.:Start:1:Stop:656  
CGTGCTCGACCTTTCTTGAGCCGGCTCCTTTTCATGTCACAATTTAGCTTACCCGACCCCTCAGGGTGGT  
GATGCTCTTGGTACAAGGGACAGCTGCTGAATCTGGAATGGATCTAGTTGCATGTGACGGTGGGGACTG  
GTCAGTTCTTGGGGGCCCTTTCTGTGGAGCACCCTGCACTTTAACACGGTCTTCTATGGGCAATGCTGC  
CGCGACAGAAGAGCAGGTGGACAGCTCACTCCAGGTTTCCCATCTGCCATCTGCCACGACAGTGTCTT  
CTAGCAGAGCTCAGGACACAGCTACCCCTGGGCTGGCAGTGTGGCTGAGGTGTCTGCAAGGAAGGCGAG  
GGCTGGTGACCTCCACTTCCCTTCCCTCCAGGCTGGGGCCCCCGCTCTCTGCCAGTTTCTGCTCTGG  
GCCAGGTCTTGACGGCCCTTCCACAATGCTTTCCCTCTGCCTTCCCTCCCTCTGCCTACTGACAGACT  
CTCTGTTTCTCTTTGTTCCACTGCAGAAGCTTCCCTCCCTGATTTCTCTTCAAATCATTCTATACCCAAG  
CTTTTCTTTAATCTCTCTGAAATGCAGTTTTTGTGTGTGGATTCCCAAGTGTGAGTGAATAAAGTTTCTAG  
CTCTTCGGCAGATAGGAATAGGAAGT  
>GBEQ2928 |Acc|CD472171|Ver|CD472171.1 GI:31393439|LeukoS6\_1\_A12.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_A12\_A028 3', mRNA  
sequence.:Start:1:Stop:132  
GATTTTAGAGTGTACAGACGGGAGGAGGCACAGAGCCCCAGCCCTCTTCCCCAGCCCTGACGGTGGGG  
GTGGGTGTTTGTTCAGTCTTCTTAATAAAGATGAGTTTTTGACCCTTGGGGCTCCGCTCTC  
>GBEQ2929 |Acc|CD472110|Ver|CD472110.1 GI:31393378|LeukoS6\_1\_D06.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_1\_D06\_A028 3', mRNA  
sequence.:Start:1:Stop:562  
ATTCTTATTGCCTTTGGGCTGCTGTTGAGTTCACGCTTCAGTTAACAAAGTAGCACATTGTTTAAATGCC  
CGTCTCAGCTACTTTAAACATTAATCCTGATTCTTTGGTGAGTGCACCCATAATAAATAGAGCCTGATT  
TAACATTTTATCCTCCTTGGGCAGACACCTTTAGAGTCCCCACCCATACAAATGCCCAAGTTAGTGCCCT  
GTAGAAATTGGCACTGTGCCTGGCTATCTCTGAACCTAGACCTTGTCTGCTATCTGGGCTATGCTGAAA  
TCTCTGTGGGCTGTGAGAAGCCAGAGGCAGTGAGGGAGTGGGCTGGGTGCTGAGAATAATCTGCATAGTT  
TTGTGAGGCCATTACCCAAGGTTAAGTCATTGCAATGTGTTAAATCGGAGGAGCTTGGTCGGGGGATTG  
TGGGGCTACCTTTGGCCAGCAGGAATGTTTTCAGGAGGATTTGAGTTTCTGAGTTTCTACTCTCGTCTATAT  
CTGCAAATGTCCTCATTGTACCATGCCTGGAGCCACCCTACTTTAGCACCTCTAATTTAGACAATAAATT  
TC  
>GBEQ2930 |Acc|CD472010|Ver|CD472010.1 GI:31393278|LeukoS6\_3\_C03.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_3\_C03\_A028 3', mRNA  
sequence.:Start:1:Stop:547  
CCAAGAAGGACTCGGGAGCTGCCAGCACACAGGCTACCCAGCCCCGACAACGGCAGCAGCGGTTCTCA  
GACCCCCGGCGGAAAAAGTAGCTATGTTCTACCAGCCACAGTCTCTGAGAGGGTCAGGGTCTCAGCAC  
ATCTCTGGCCTTGTGACCCAGGACATCCAGCCACTGCTGCTTAGCAGCCACTTGGCAGACGCAAGC  
TGGGGTGTGCCCCTCTGGGGCAGGCTCTGGCTGCCCTGCTGCTTTGAGGGCCCCACTGGTCCCCCATGCC

AACCACGTCCTCCACAGCACCCCTTTGGCCTGGAGGACAGCCCAGGAGGCGGGGGTGGGACCAGGCTCA  
GAGTCCTCCACAGGAGGTCAATCAGGGCTGTGGGAGGCCCTTTCCCTCTGCCCTCACTGTACGGGTCC  
GAGTTTAGAGCCCTGGCCCCAGCCCTGCACAGAGGGATGAAGCCAGCCTGCTGAAGAGGAGGAAAGG  
TGGTCCTTCCACACAGCCCATCCCATCAGTCGGATCCATGAACCAATAAAGGCATC  
>GBEQ2931 |Acc|CD471807|Ver|CD471807.1 GI:31393075|LeukoS6\_2\_E08.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_E08\_A028 3', mRNA  
sequence.:Start:1:Stop:677  
AGTTGGAATATGTGATAAACGTGCTTGTAAGAAGATGTCCCAATTGTCGTGTGAGACTGTGGCAGAAGTG  
GTTCCCTCGGTCTGAGGAGACAGCGTTTTGTTTGGGGAAGGGATAATTTTCTTATTAGAGCTTTAGAATT  
GATCTTTGAAGGAATTGATTTTTTAAAAACAATAAAGTGTTTATGTGGAAATGTGAAACTTAAAGAAATTT  
TAATAAATTAAGGCTTTTTCAATGGTATTCTCCCTTAAAGGGTAGAAAACTAAAACAAATAGTAGCACT  
TGCAACTTTTGCCCTAGTGTAAATGTGTCTGATTATTTTGTAGATTAACGAAATCATACTGAAGTAGTAAA  
TAAGAGGTAAAAGTAACAATCACTTAATTTTATGTGTGGAAAATGTGTTGGATCCGCTAGGGGTGTCCTAC  
CAAGAGGAGGAAAACGTTTGCCGTAGAATTGTCTTTGGGCTGCTCTCCAGGAAATGTCTTTATTTTAT  
GAAAGAAAAGCAGATTGATCAATACAGTTATGTCTTTTATGGCTGTAGGAATAGATCTCAAGCTTCTCGC  
TCTTTTTATGTACTTTTTCTTTCTCTATCTGAAATCTTTACCTGTAGCTCATTTTTCTTTCTCTTTT  
GAATAAAATATATAAGATCTAATGCCTAGATGGGGTAAAAATGATA  
>GBEQ2932 |Acc|CD471766|Ver|CD471766.1 GI:31393034|LeukoS6\_2\_A04.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_2\_A04\_A028 3', mRNA  
sequence.:Start:1:Stop:334  
GCCAGAGAACTACTGCTGCTGCTGTGCCCCCGTTGCCCTGCCATAACTGCTCCCACCCGGAACCTGG  
AGCCCAGACAGTGGGATGTGGAGTTTGGCCACTGCAGCATTTGTTTTTCAGCAAAACCCCTCCTCCTCTTT  
TCCCTTCCAGATCCTGTACATGTGCATTGATTTCGTGGAAGATACTCACAGCCATGGCAGCAAGGGAAC  
GCAAGTTTTTAGGTTTTTGTATCCACCAATAGGAGGAGGGTTATGACGTGGCTTAAGAGAGCCAATCAA  
AATATTTCCCCCACTTGGCAAAATTTCACTCAAGACTCAGAGTGAAATAAAGGT  
>GBEQ2933 |Acc|CD471588|Ver|CD471588.1 GI:31392856|LeukoS6\_4\_F07.b1\_A028 Stimulated  
peripheral blood leukocytes S6 Equus caballus cDNA clone LeukoS6\_4\_F07\_A028 3', mRNA  
sequence.:Start:1:Stop:560  
ATGAAACAAAGCGCTGATGCTCTGTGGGGGGCGCTTCGTGGCCACGTCGCTGATTCAAGGGCTCGAA  
GGCCGTGATCCCCAGCGCCCTGGGACCAACAGTTCCAGGAGCGCTCTCTCTTTCCCTGCCAGGCAGGG  
TCCTTCAGTGGCTTCCAGGTGGTCATCCGCCCCCTTCTACCTGACCAACCCCTCGGCGGAGGACTAGACGG  
GAGGCTGGGTGACCCGAGGGGGCGAGGGACAGGAGCCAGAGAAGCGAGGCGCTCCAGGATGCCCCC  
GCCCCAGCTGAGCCTCTCGCATCCTTCTTCTCTGTCATGCACCTCCAGCAGCTGCCACCAGATGTCCC  
CCCTGCTTCCACTGAGTGCTCTGAGCTTGGAGAAATTACTGGAAGGTTTACCTAGTGCTCACCAGGGTG  
GTGAGAATTCCTGTCTCCCAGTCCCTGGCTGGTTTGTGCGGAAGCAACAGGCAGAGCATGACATGACATC  
GATTGTCCACACTGCCTCTCTGCTCAGTCCTTGTGTTGTCCTTTGTCTGAGATCATTAATAATTGCATC  
>GBEQ2934 |Acc|CD471502|Ver|CD471502.1 GI:31392770|LeukoS5\_6\_A06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_A06\_A027 3', mRNA  
sequence.:Start:1:Stop:481  
CTGGGCAGGGAGTCCAGCCTCCCCAGGCACAGCCAGCCGACAGTGGGAGGGACGCTGCCCTCCCCACCC  
ACCAAGGGCCTGGGGCCCCAGGCCAGCCTCACCTTTAGAGACCCTCGGAGCCCACCAGGGGCACAGCCCT  
GTTTTCAGAGACTGCCCTGGACCGCAGATCCTTATTTTGAGCTTCTACGGTTTGCAAAGAGTGTCCC  
ATCAGAGGCCCTCACAGACCCAGAATGGGGTCCAGTCCCTGTGCGGCGAGAAGCACAGCCATGTTTGCAG  
GAGGGGCCAGAGTTTCCACTAGGCCCCGAGTCCCAATCCGCTGCTTGGGTCCGTGGGAGCCTCCAGC  
CAAGCAGCTGAAGATGCCATGTTGCACCTGGAGGCGGAAACCTGTCCAGGCCGCTCCGGAGAGAGGCC  
AGGCTCAGGGCCAGCTTCCGGTGTCTGTTTTCAGCATCCAGGATTAATACTAATTGCTG  
>GBEQ2935 |Acc|CD471458|Ver|CD471458.1 GI:31392726|LeukoS5\_6\_E11.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_6\_E11\_A027 3', mRNA  
sequence.:Start:1:Stop:512  
CCCAGAAAGCCCCACCATTTTCAGACCCCTAGGCCACAGGCCGCAAGTCCGTTCTTAAGAGAGGACAATCC  
CCTTTCCCCCAAGCCTGTACAGATCCCACCTGAACCTTCCCGTCCCTGCCTATTGGTTAGGAACAGTC  
TCAAGAAAGTACTAGAGAAAGAACGCACACTTGAAATAGTTCAAACGAACGGAGTTTGTCTAAACAAA  
ACTCAGGCAGCAGCGACTCGGGATGGGTGCCGTGGCTCGCCGCGTGGGAGCCGGGGAGCGGAGGCTGTC  
GGCTTCTCTTGGTTCCCTGCCCTGAGCCCCAGCCAGCTGACACTGACCCACTGTCTCTCATGAAGT  
GCACTTCTGTCTAGGAACAGGATTCTAAGAACTTCCAGGAAGATCTGTGTGAGGGCAGCAAGCTGGAGG  
AAGAGGGCAGGCCCACTGAATAAAAGGGCTCCCAATCTTTACCGGGAATGGTGGGATCAGGGACAGCAG  
TCCTCATTTTCAAACCAACCC

1060

CAGTCTTTAGGGTGAATGTTAATTTCTTTTCTAATAAAGAAGTACCCAGAG  
>GBEQ2941 |Acc|CD471229|Ver|CD471229.1 GI:31392497|LeukoS5\_1\_C03.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_C03\_A027 3', mRNA  
sequence.:Start:1:Stop:658  
CAGTCATGACAAATTGAACCTAAACAATAATTGATTGTTTTCTGTTGAAACCAACATTCCATATGGGT  
CTTATTTCTTTATTTTCTCTAATTTGGTGCTTTCTGAGTCATCTTTTCTTTAAAGTGCCCTTCCACAAAT  
TTAAAAAATAGTTCTTTGATAAAAACTGCTATTTCATTATAAAACATTCCAATTTTTTAAACGTAAATTTT  
GCTTTATTGAAAGTCTACCATTGTTGATATTAAGAATGAAATGTAGTGCAGACTTATCTCCAGGTTTAA  
GTGGAGCTCAATAATGAAAAATGCCACCAGCCACTTTTGTAACAATGGCATCTATAATGCCATCATGTAT  
GCAAGCAATAAACTCTTCAGGGTGTGTTTTTATACTGAAATTTTAATATGAATGCCCTAGTCACAAGG  
ATATAGAGAATTGACTTCTTGAAGTGATACTGTAATTTAAATTGCTCCATATGGGGAAGCAAAAGTGAT  
CAGGGCAGAGGGCATTATTCTTTAGATTCAAATAACTATCAAAGCATTCTTTACTTTTGCAGAGGGTATG  
GATGGTGAACAATTAAGCACATCTGCACACTTTTATCAAGCTACATGTCAATTTCCATGAAGTTTAAAT  
ACCACATACAGGTTGGTGACTTTCTTC  
>GBEQ2942 |Acc|CD471206|Ver|CD471206.1 GI:31392474|LeukoS5\_1\_E05.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_E05\_A027 3', mRNA  
sequence.:Start:1:Stop:621  
GTCAAAGAAAAGAACACATTGTTGTCATGTGCAGCAAGCAACAAAGGAAATCTTAAATATAACACACCAGT  
GGTTACATTGGCTGCTTAATCTTTTACAACCTCGGTGTGGAAAGGCAAACCAGGGACTAGGTTTTAAAAAT  
TTTTTTTTAAAGCAATGTACTTTTCAAAAAGCTGAGAAATACATTTAAATAATTAATGTGATCAGAGTTA  
AATGAATTCCTTAGCAAAATAATTCAGATTCCCTAATATCGTTTCTGTAATAATGATATATTGTACAGCTC  
AATGTTTTTGAACAAATATTTTTTACAATAAACAAATGCTGATTTATTTTAAATTAATATGTTTGAATGGCAA  
CTATACAGTAATCATAATCAGATTAATGTTTTTGTGTTGATGTCCTAAAAGCAAACCTGAGAGAAGGCAGAT  
TTCTTGTTTTGTTTTCAATTTGAAGTTGGTATTTTAAACTTGACTTGCTTATTAATCACTGTGAATAGATC  
TAGCTTGTAAGAAACAAACACAACAAATAACAACAATAAACAAACATAGTTCCATACTCTGCTGAGTCCAG  
GCATTTTGTGGCTGAATTATAAAAAGGAATAGTGGAAACTAAGAGAGAAAAAGAGAAACAA  
>GBEQ2943 |Acc|CD471205|Ver|CD471205.1 GI:31392473|LeukoS5\_1\_F07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F07\_A027 3', mRNA  
sequence.:Start:1:Stop:602  
GTTTCAGATCCTTGAGTGGGAGCATCTGCCACAAGGCCCGGAGGCCCGGGGCCATCGTCCACCAGCAGG  
GAAGCTTCTCGATGTGCCCTCACGGTCACTCGGATCACCGTCACCTGAAGAGACTGCTAGGAGGAGGGC  
CTGCACCCATGGCCATGGCAGGAACCTGGCAGGTGGGGGTAGCACCCTGGGGAGGGTCAGCCTCCAGC  
CAGACGGCCCCATGGGGAGGGGCCCGAGTCCCCTCCACAGGAACCTCAAGTTGCTCCACGGGGCAGTGG  
GGAAGAGACAAGAACACCGAGGAGAGAGCCGGCCCTCAGGTAGTCAAGGCAGGTGGACCCACGAGACC  
CCCGACCTCACCAACCCAGGAACCAAGTGCCTCCTGAGCAAAGGGCAAGTCAGCATCTCTGG  
ACGGGGAGGACACGGCTGCCGACAGGAAGCAGAGGCGGCCCGCCCGCTGCCAGGGCCCTGCAGAGAG  
ACGGCTCAAAGGAAAGCCCACAGTGGGAGCTTGGGTAGCTTTTCGCCTTCTTGAAGTTTCTGTAGCCCAT  
CGATTGCCTTTACAGTTTCTTTTTCTAAAACAACAATAAAAT  
>GBEQ2944 |Acc|CD471201|Ver|CD471201.1 GI:31392469|LeukoS5\_1\_B06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_B06\_A027 3', mRNA  
sequence.:Start:1:Stop:550  
TGGAGGGTCCCTCTGCTTCAGAGAGGAGGAAACTGAGGCCAGAGATGGGTGCCCAACTGCCAGGGTCA  
CCCAGCACACTCCCAAGAAGCGCCTGGCCTCTGCCCCAGCCCCAGCAGAGTGGCCTGGAGTGGGGCGTGG  
GCGAGTGTCTGAGTGGCCCTGCGGGGGCACTCGGCTCTTAAGGGCAAGAGAAGCATCCTGGGGCGGTGCC  
CGGGGACACTTGGTAAAGGCTACAGTCATGCTGGCCCTCCCACTGCTGCCCGCCTGTCCACACTGTCTA  
CACTGTCTGCACCGTGTGAGCTGGATGGAAGTGGCCCTGGGACTCCACCCACCTCCTCCATCCCATGCG  
GAGCAGCCCCCTGGAGGAGGGAGCCGTAGGCCTGGGCGATTATACGGGGCTCGAGGTTCTGAATAACCT  
CTCTGCAGAACTGGACGGGAGGCCACCTGGGTGCTGTAGTGCCTGTCTCCCTGGTGGGCGGGCGGCA  
GCAGGGCGGAGCGGTGCTTGTCTGCGTAAATAAATGCTGGCAGCCAGCAAGTGGGCACA  
>GBEQ2945 |Acc|CD471193|Ver|CD471193.1 GI:31392461|LeukoS5\_1\_F06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_F06\_A027 3', mRNA  
sequence.:Start:1:Stop:529  
GAAAGCCAGTTTGCCTAATGGCTTCGCCGGCATTTCCGGAAACCACAGGCAGAGCAATCTGCTCTAGGGG  
AGGAGAGGGCTGGCCCTTTTCTGTGGTCTTCACTTCCACAGGAAGCTCTGCTAAGAATTTGGAG  
TTATTTTTCTTTCTGTTGTTTTGGAACCTTTGCTTTTTACTGATCTATAACAAGGCGTTGGTGGAGGGGT  
AGACTTGGGGAGTGGGGCAAGAGCATTCTAAGAGCTGCTTTTGAGATGGCCACCTACCCCGAAGGATC  
TACTTTAGTGAATATACTTAGTCAACAATACTCTTCTTTTCATGTTTCTAACTAGATCAAATTATTA

CTGATCTTAGATGACCTGTATGCAAATTTGAAAAAATTTCTTTTTTTTACAACCTGATTGGGAACTACAAA  
TAAAAATGAACGGAGTCTGCTGACACAGCTAATTTGAAAAAGTATGTCTGCTTTTGTCTTTTGTCTGTTG  
GTGTTTTTTTGTCTCACTTAAGAAAAAAGAAATAAACACT  
>GBEQ2946 |Acc|CD471185|Ver|CD471185.1 GI:31392453|LeukoS5\_1\_D01.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_D01\_A027 3', mRNA  
sequence.:Start:1:Stop:547  
ACAAAGTACCACAGTCTGCGTGGCTTATAGTCTCTCTCAGTCTGAGGCTGGAAGTCTGCCGTCAGGGT  
GCCAGCCCGGTGGGGTTCTGCAGAGGGCCCTCTTCCGGGCTGCAGACTTCTTGTGTCTTCCGTGGTGGGA  
AGAGAGCTAGCCAGCCCTCTGGCCTCTTCTGTGAAGGGTGTAAATCCCATTACAGGGCTCTACCCTCCT  
GACCTAATGACCTCCCAGAGGCCTCACCTCCTCACACCATCACCTGGGATTAGGGTTGAACATAGGGA  
TCCAGGGAGACAGAACATCCCATGCATTGCAGGGATGCAGACCAGGGGACGGGAGGAAGCGCTCTCCCC  
TCACCATCATCCTCTTGGAGAGAGAGAGGGATGGAGAGCCGTGCTCTGCTCCACAGGGAGCCAGTCTCTCC  
GCCTTCGGCTCAGCCACAGGGTCTGGGGTGGGTGAGGCTCGGGAAGACCCCCACGACCCGAGCCACAT  
GTACGCCTCCATCCCCGTGTTGCTCTTGTCTGCTGGATGGGTGTTAATAAGTCTTCT  
>GBEQ2947 |Acc|CD471182|Ver|CD471182.1 GI:31392450|LeukoS5\_1\_G07.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_1\_G07\_A027 3', mRNA  
sequence.:Start:1:Stop:651  
TCCCATACCAGCCTGGCAGAGGGGTTCCGCTGTGTTCTCCACTATCGCTTCATTGTTGTTTCTCTGTGG  
ATGTGTAACCAATGAAGATTGGATGATATTTATGGAGATAATAATTAGGCAATACTGTGTAATTAATT  
TTACTTAATAGATTATCATCTGTGAGAGGAGATGTTTAAACATGGTTAATCAATTCATGTTATAAAACAG  
TTTTACACTTAATATTCATGTTAACATTGGGTGCAATAATTTAGTAGTTTTAGCTTTAGTTATAAATAAC  
TGGATCTTTCTGCTGACAACTTAGGTTGTATGAGTTATGCTTAAAGCTTTAAATCGGATGTTTCTGTAC  
CTGCCACACTATGTTAGAATGTGTCTTCAAACATATCCTCCTGCAACTTCAAACGTGCTCAGTTGACA  
CTTCTTTGAAGTCTAACTCTGTGCTAACAGATCTTCATTTTACATAGAAATACGGTTTTAATTTTTGATAAG  
CTGCTGAATTTTAAAGAGAGTTTTTTTGGGGCCACCAATATTTTGGATCATGCAGAGAATATATATTGTA  
CTGTAGTAATTTTGTATTTACATTTGTATGATGTGACATAATAGATGTGAATGTTAATCCCTGCTTGACG  
ATGTTAATAAAGGTGTTTAAAC  
>GBEQ2948 |Acc|CD471056|Ver|CD471056.1 GI:31392324|LeukoS5\_4\_F12.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F12\_A027 3', mRNA  
sequence.:Start:1:Stop:403  
GATGCAAGCAATTTTAAAGACAATAATCCCAAATTTGCTGCACGTTAGAATTACCCAGGAAGCTTTT  
AAAAATCCCAATGCCAGGTTATGCTGTGGGCCAATCAAATAAGAATGTTTGGGGTGGGAGCCAAGACA  
TGAGTGTTTTTAAAAATTTCCAAGTGATCCCTGTGAAGCAGAGTTTGTGAATCCCTGCCCTCGGGAGT  
CCAGAACAGAACGTTAAAGGAGCCTGTGTTGCTGACAGCCCCCTAGTCCAGGACTCCCTACAGCAGGCCC  
ATCACATGGCAGAGAAATAGACTTTTAAATTTGTGTAAGCCTGTTACTTGGAGTTTCAGTTACAGCTGCTG  
AATCTGTGTACTAGCTAATGAAGTGGGTCACTGTCATTAAAACTATTTCCCGG  
>GBEQ2949 |Acc|CD471037|Ver|CD471037.1 GI:31392305|LeukoS5\_4\_E09.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_E09\_A027 3', mRNA  
sequence.:Start:1:Stop:671  
AGTAATTTGGATCATTTTCATCTATTAAGTATCTTTGATTACCATTGGAATGGTATACTTTAGCTG  
TAACACTATCTCGTAGAAGAGAAGTGTTTTTTATCTCTCTGTATGGGAAATGTGATACTACTCTGTCTG  
CTCATTAAGAAATCTCTTAATAGCATCTTCCCTGAAAGAATAAAGAGCACAGTCGGTGTATTTTCAGGAA  
TTAGTGCTCTGCTTGCTTTAAACATTTACCATCCCCATATTTTCAGTCAGAGGTTTTGAAGTATTGT  
TTTTGTTTTTTAAGAAAGAAAATAAATCTTCTGCTCTTATGTGAATCAACCTTGTGATCCTAATTTGACA  
GATTTAAGATATGATAAACTGAATGTCCAGAACTTACAACAGTTGGCATCATGCATTATTTCTATTT  
AAGCCTAAATCTATGTATGATTTATTTAGCTAATAGATTTTACTTGGCTATTAGTAACCATTAATAAGTA  
AACTGCAATTTGAATTTCTCAAATTTGTGTATCATACAAGGTGTCAAACCTTAATCAGCATTTGAATTC  
GTGTGCCTCAATACGAGCAGTCAAGCTTGTGTTTGTCTGTTTTCAACCAGAGATTTACCACTGTGGTT  
ATATACAGTTTCATTTGATTCTATATAATAAACTTCTATTTT  
>GBEQ2950 |Acc|CD471024|Ver|CD471024.1 GI:31392292|LeukoS5\_4\_F02.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_4\_F02\_A027 3', mRNA  
sequence.:Start:1:Stop:630  
CGGAGAAGGAGCCAGAGTACAGCGTGATTAAGAAGAGATAAGCCTGCGTCTCCGGCCTCGCCGTCTGGTG  
GTCCTGTGGGCCACATGGCCAGCCCCCTCCCACCTCACCCACGCCCCCTTCAGCCTGCCCTCCTCAGT  
GGTGACCCACAAGGCCTCTGGGCTCCCTCGGGCTGTCTCTTGCACCATCAGCCCACTGGCTTCATTG  
AGGACGAGCAGAGAGGGGACGGGGTTCAGAGGGGCTGTGGGAAACCCTCCCACCGTGTGTTGTCGCTCTT  
TCCTCGCTTTCTTTGGTTCTCTCCAGCTCGGTGCGTGCAGGACAGGAGCCAGTCCCTCACGGCTCCAGG

AAAAGATGTGGCTCGTGCAGGATGGTACCTAGGAATAGCTTTGTAAACCCAGCCCCGTGGAAGTGTCTG  
GGATCGCTGGGGAGTGGACAGCCGGGAGAGAGCCAGGAGAAGGCAGAGGCACTGAAGATGGGTCCCCCTC  
ACCTCACAGACAAGGACACTGAGTCCAGAGAGGAGAGGTTTATCTGTGGCTCCAGAGCCAGCAGTGGGCA  
GCGTCCTCGGTTCTCTGGACTCTTAGATAGTTTATTTTAAATATGAGATACAATAAAGTTTAAATACC  
>GBEQ2951 |Acc|CD470919|Ver|CD470919.1 GI:31392187|LeukoS5\_3\_D06.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_3\_D06\_A027 3', mRNA  
sequence.:Start:1:Stop:581  
TCATGTACAGAAGCCTTGAGATTTCATTTCACTGCTGGTTCAACGCGGGCAGCGTAACCTCGTCTTTCAAG  
GACAGGCTCTAGGACAAGGACGAAGGATGGATCCTCATTCCTGATAGCGCATTTGCCTGATACAGGGA  
CTATCTCCCTAATGTACGCTTTCTTTGACAAAAAGGAAAAAGAAAGAGTAACAAATTGTCTTTACAT  
CTTGGCCCTTGTAAGTTTTCTTTTTTTTTTATACAAAAAGTTCAATAGCTTTGACACTCTCCATTAT  
TAATCACTACTTCATGATAAATTTGAAAGTGTGACCCTGGAATTTTCATCATGCAAGATATTTACTGCA  
GCAGGAGAAAAACATTTTTTAAACAACATTTTTTTTTTTTTCTCTTTTCAAACGTATGAACCTGTTTAAAG  
ATAGCCAGGAAGGCAGTGGTAGGATAAACACAAGGGATAGGAATGTATCAAAAACAGATTAACACACACG  
CGCACGCACACACAAAAACCTGTACAAAATGCTCCGATCAATGAGAACAGGAAAAAAAATCTGTC  
AACTATGTTACAATTAAGC  
>GBEQ2952 |Acc|CD470729|Ver|CD470729.1 GI:31391997|LeukoS5\_2\_A12.b1\_A027 Stimulated  
peripheral blood leukocytes S5 Equus caballus cDNA clone LeukoS5\_2\_A12\_A027 3', mRNA  
sequence.:Start:1:Stop:401  
ACAAAATCACCAGCTGCTTTATTTTCTATTTATTACAGTTAAACAGTTGATGAGGTCTGAATCTTGACC  
AACTGCTCAGGTGAGATGTTCTTCACTATAAACACTGTACAAAATGTGCGTGCAAAAGGACACAGTTGG  
GTGGTAGTATTTTTTCATTAATGTGAACATTGACTAAACAAAGCAGTCCCTGCCCTTTAAATCTTGTGGCA  
GCTCAGAAGGGAGGTGCTTAAGAACCTTAACACTATGTGATGACAAAATACTTTTTTCCATTTTGGGA  
GATTGGGTACTGCTCACACATGATGTATAGGGCTAAATATATGCTTGTTCCTTGACCTGTGTACTTCC  
CCTTCTCTCCCTCCCTTTCTTCCCTGTAGGCAATAAATGGCCATTTGCA  
>GBEQ2953 |Acc|CD470638|Ver|CD470638.1 GI:31391906|LeukoS4\_6\_F09.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_6\_F09\_A026 3', mRNA  
sequence.:Start:1:Stop:526  
AGAGAGAACTTTTAACATATGTGTACCAGGAGATGGATGTAATAATGTCATAACAGCATCGTTTGTAAAT  
AGGAAGAAAAGGAAACAAAAATAAAACTGGAAAGATCCCAATGTCCACCCACAGTCCACTGGATAAAT  
ATTGTGTTATATTCTACAGTGGAAATTCACAGACGTGAGACTGAACACAGCTACATATGTGAACGTGG  
TTGAATCTCAACATAATGGTCGCAAAAGGAAGTTCCAGAAGAATACATCCACTATGGTTCCATTTCTATG  
AAGGTCAAACACAGGCTGTCACATATATATGTGGTAAACAAAAGAAAGTAAGGAAATGATTAACACAGA  
ATTCATATGTGATCCTTTGCATTGGAGGATGGAGGCAGATGAGAACTGTGGAGGGCAAGGAGGAGCCTTGA  
GAGGAAGTGTGGTGGTGCTGCTGTTGCTAAAGCTGGGTGGTTCCTTTTTTAACTATGTTGATGTG  
CTTTTGTATATATGATGTTTCTTAATAAAATTTAA  
>GBEQ2954 |Acc|CD470494|Ver|CD470494.1 GI:31391762|LeukoS4\_5\_A02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_A02\_A026 3', mRNA  
sequence.:Start:1:Stop:193  
TTTTTTTGGGACTTAAGGCGCTATACCCTTTAAGAGATCACATACCCTTTGGAATTTCCCGACTGCCTG  
ACTTTTTTCTCTTTTCAATTGTTCCCTATTAGGGGATCCTTTGGATATTCCACCCAGTTACCTAAGCC  
CTAGGGACTTTGATCCAAACCTCCATGGAAGCAATAAATCCCTTTTTTGGG  
>GBEQ2955 |Acc|CD470466|Ver|CD470466.1 GI:31391734|LeukoS4\_5\_H11.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_5\_H11\_A026 3', mRNA  
sequence.:Start:1:Stop:495  
CGCCGCTTCCTGAGACCGTGGCTCAGCTGCAGATGCTGGGTGAGCAGCAGTGGTTGAAAGGGAATCCAGC  
CCTCAGCACTGCCCTTAGGACACTGTCTGTGCTCCTTCTCTCCTTGCGGGGTGGGGCTTCCAGCTCAG  
GACAGGCTGGCTATGTGGGAGGTGACGGGTCAAATTTTCCAAGTCAGGGCTCCCTTACAGGATTCTTT  
CCCTGAAACGCAGCCAGTTGGCGTACACCTCCTTCTTACCTGACCACATCATGGGCTCCCTTCCA  
AGTCCGCTTCTTCCAGGAAGCATTCCTTGTCTGCTCCCTTTGAGTGTCTATGCACCTCGGATCTGTACCA  
TCCACACGGGGCGCACTTATTCTGTGCTGTGTTAATCTCTCTGTCTACATACTTGGCCACCCAG  
CTCCAGAGGACAACGATTATATGGTCTATTTGTAGCAATCTTAGAATTGACTTCATAAGAAGCATTTGA  
TTAA  
>GBEQ2956 |Acc|CD470340|Ver|CD470340.1 GI:31391608|LeukoS4\_4\_F04.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_4\_F04\_A026 3', mRNA  
sequence.:Start:1:Stop:525  
CTCAGTGCTGGAGGCTGGAAGTCTGCCGTACAGGTGCCAGCCCGGTGGGGTTCTGCAGAGGCTTCTTCTC



1064

TTTTCCCTTAGCTGGGGTAAAGTAAAGGAAGGAACCCCAGCTAAGAAATATAATAAAATGTCCCATTGGG  
TATATTTTCCCCTT  
>GBEQ2962 |Acc|CD470082|Ver|CD470082.1 GI:31391350|LeukoS4\_1\_H02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_H02\_A026 3', mRNA  
sequence.:Start:1:Stop:619  
AGTGGTCGAGAGAAAATCTATGCTGATGGATCTCTGCTGTTCAGAACGCCACCCCGGGGACACAGGAT  
ATTACACCCTTCAAGTCATAAAGAGAACTTTGCTAACTGAAGTAGGAAGTGGACAGCTCCACGTATATAA  
GCCAGTGTCAAAGCCCTCCATCTGAGTCAGCATAGGACATAAGGACCCCAATCAAGGAAAATAAGAACCC  
CATGGTCCTGACCTGCTTCACAAACAACACCAGGATCTCCATCCAGTGGTTCTTCAATGACCAAAGTCTG  
CTGCTCACTGAGAGGATGAAGCTGTCCCAGGACAACAGCACCCCTCACCATAGACTCCACAGAAGGGGCA  
ATAGTTGGGATTATCAGTGTGAGTTCTCCAACTGATCAGTTCAGTAAAGGTTACCTCCTGGATAACCT  
TTAAAGCTGGATGTGAAATATGAGTCTGGCCCTCTGGCTCTTACCCTCTTCTATGTTATTAACTCTGAA  
AAGATTTTTTTTCTTATCTGTAAATGATGGTTCTGATGCTATTTTTCATTAGAGTTGTTATGAATAGTC  
AATTAAAAAGATGAAATTCCTTAGAAGATTGCAATTGAGTCAATAAATGCTCAACAAT  
>GBEQ2963 |Acc|CD470055|Ver|CD470055.1 GI:31391323|LeukoS4\_1\_F08.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_F08\_A026 3', mRNA  
sequence.:Start:1:Stop:600  
AGGCAACTTCCAGGAGTGGATCAAGGACACGCAGAACGTGGCCTCGCTGAACAAGACGGACGACGGGGAG  
CAGGAGTCTTCCCTGGAGGAGGCCCTGGAGGTGCAGCCAGCCAAGGCAGGAGCCGAGACGCCCACGGGGA  
CGCCGACGGGGGAGGAAGAGCGGCTGCTGACCCAGTCAGTCCCTCGCCGGTTTCCCCCGGCAGAGA  
GGCCATCTCTCTGGGGGACTTCACTTTTGTGATGACTGACAACCTACATCATGATGTTATGAGGGGGTGCA  
AACTCAAAGCCAACATGGGGTCCCCCACACCCCATGGCCACTCGGCTCCTTCGTTACACCGCAGGTGG  
ACCCAGCAAGCCGGGCGGGCGGGAACAGAATCCTGCTCTCCAGATCCTACCTACCAGCCGTCCAGCTCT  
TATTCTGAAAGGGGGACTCAGTTGGCAACCATGGGGACATTTCCCGGACCTTCAGTTTTTCTTCCCGAA  
CCACCCCTCCTGACGTCCCTCTGCATCTAAGACATATTTAAATTGAAATCGGTCCTTGAAACATCTCT  
CCATCCAGTGCCTGTATTTTTTTTCCATTGAAATAAAGAG  
>GBEQ2964 |Acc|CD470049|Ver|CD470049.1 GI:31391317|LeukoS4\_1\_G06.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_1\_G06\_A026 3', mRNA  
sequence.:Start:1:Stop:122  
CATCGGATCAGAACCTCCAATTGCATGGTTTCTTTATGGACGAGTTATGAGAAGAATTGCAGAAATAAAA  
ACCAACCCAAATGATTCTTGGCAAGTTATCCCTAAATAAATGTGGTTTGTG  
>GBEQ2965 |Acc|CD469939|Ver|CD469939.1 GI:31391207|LeukoS4\_2\_D02.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_D02\_A026 3', mRNA  
sequence.:Start:1:Stop:690  
CTGCCAGAAGAAATGATTTCGCTGGGAACCGAAGAGCCCGCAGATGGGAACTCATTGTGGAGGGTGGAA  
TCCAGACGATCAGCCAGGCCCCGGGACCAAGCTTAGTTCTCAGGCACACAGATGGGTCTTATGCCAGCC  
TTCTACTGACTCAAAATTCAGGTCATTGGAGAGAAGCTATGAGCAAATTCAAACGGCTATTTTCACAAAT  
GATACTCTGGGACATTAGTTTGTCTTGGTATCCTTTGAACAGAATGGACTGTGTAAGGGAGGAGGTCAAG  
CTTGGGGTCTTCCCATCTCCTAGCAGGGGCCCTCGCCAAAGCTGAGTGGTACTGCAGAGGGTGGCAGGCG  
TGCCAGCAAAGGTGGCTGCCATGCCTTTGGGACTTATGAGCACCTACATGGGGCCAGGAGTGCAACAA  
GGGAGGGAGAGAGGGGAATGGGGCACAGACACCACACTGGGGCCACGTGGGGGAGCTGAATGATTTCATTC  
ATGATCTTATGAGAGAACTCTCTGGAGCCTGCCAAGAATATTCGGCGGGAGGTGCCCGCAAGAGGGAT  
TTCGCTGGGGGCTGAGGCTCTGCGTTACCTGTAGAAGCAAAGTCTGGGGCTAGGAACCTAATTTATTCA  
AAATCCCACATGTTTAGGCTTCCATTCTGTGATTTATAAAACCAGAACATACGCCAAAAA  
>GBEQ2966 |Acc|CD469906|Ver|CD469906.1 GI:31391174|LeukoS4\_2\_H01.b1\_A026 Stimulated  
peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H01\_A026 3', mRNA  
sequence.:Start:1:Stop:638  
TCCAAACTGGTGCCTTATTGGAGGTAGGTCTGAGACTTGTCAATTGTTACTGGTTTCAATCGTTATAAAA  
TAAAAACATGCTACTAAATTATATTGCAGTAGTGATATTTCTGTGGGATTTGCTTTAAATTTTGAAACT  
TGCCCTCAAAGCATACTATAATATTGATACCTAGACTATCTTCTTGATGTTCTAGAGAAAGTAAATCTCA  
TTTAACCTTGAATTGCGTAGAATATATTTTACGTTCAATGCTCTATGGAAATCAAATGAACAGGCTTATAT  
TAGGATTTTAAAAAATCTAGGGACATGTTAGGGACGTGTTAGCAAACCTCAGATGCTGTCTAGCGGCCAGG  
TATATATTGGAAACAGTGACGTTGGTGAGTGTAGGGTGTGAGGAGCGATACATATAAGAAACAGTGGAGG  
GGGCTGGCCCCGTGGCTGAGTGGTTAAGTTTGTGCTCTCAGCTTAGGCAGCCAGGAGTTTGCCAGTTTCG  
AATCCTGGGCACCGCATGGCAGTCTCATCAAGCTATGCTGAGGCAGCGTCCACATGCCACACTAGA  
AGGACTCACAACTAAAAATATACAACATATGTACTGGGGGGCTTTGGGGAGAAAAAGGAAAAAATTTTTT  
AAAAAAA



>GBEQ2967 |Acc|CD469905|Ver|CD469905.1 GI:31391173|LeukoS4\_2\_D11.b1 A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_D11\_A026 3', mRNA sequence.:Start:1:Stop:523  
CCAGTGTGGATGACCCCTTGAGGACGTTGTGCTGGGTGAAGGAAGCCGGACACAAAAGGACAGGTCCTGTA  
GGATTCCATTGTGTGCAATGTCCAGAACAGGCAAATCCACAGACAAAAAGTAGATTCTGTTGGCTTGCCTGGG  
GCTGGGGGGTGGGTGTGGGGAGCGACTGCTAATGGGTATATACAGGGTCTCTTTTGGGGTGTGAAATG  
TTAAATTAGGTAGTGGCGATGATTGCACAACCTCTGTGAATATGCTAAAAACCCTGAACAGGGGCCGGCC  
CAGTGGTGTAGAGGTTAAGTTTGTGCGCTCTGCTTCGGCAGCACAGGGTTTGCCAGTTCAGATTCCAGGC  
ATGGACCTAGGTACCACTCATCAGGCCATGCTGTGGCAGCGTCCACATACAAAATGGAGGAAGATTGCC  
ACAGATGTTAGCTCAGCGACAATCTTCTCAAGCAAAAAGGGGAAGATTGGCAACAGATATTAGCTCAGG  
GCCAATCTTCCTCGCCAAAAAAAANNNAAAAA  
>GBEQ2968 |Acc|CD469895|Ver|CD469895.1 GI:31391163|LeukoS4\_2\_H08.b1 A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_H08\_A026 3', mRNA sequence.:Start:1:Stop:609  
CGACAACAGACGGGGGCCAGTGGAGCAAGGTGGAGCCCTCTTTCTGTCCACACGGGGACTGTCTCCCTG  
ATGGGGTGCCTGGCTGTGGAAGTGGCTCCGCCATGGGCCAGCGGACTTTTGATCCGTCAGCTTAGCTTCG  
CGTTTCATTTGTGCCAGAGCCCATGGCTGGCTGCCTGGTACGGATGTCATAGATTTAGCAATCCCTGGCA  
CGTGAAGTCCCGGGATTCTCAAGAACCCACACGTGTCAAGTGAAGAAGTCCCTTATTCAGAGAGCCGGCA  
GCCTGATCCCTGATCGCAGAGGAAGTGAAGGTATCTGTGTGTGTCTGGGGAAGCCCCACCCACCC  
TGGGGAATGAAGAGCCTGGCCCAGATGCAGGGGAGCATCTGGGTAGAATGTTTATGGTCCCATGTAGAAT  
CTGGGTCACCTCTGACAAGCCCTCCATAAAGTGGGTCAAGTACAGTACCCACCCCTGCCTACGTTGCAGGGTG  
ACTGTGAGGTCCCAATGAGATCATGCATCTGAAGATGATTCACATGTTGCAGTGCCTGTTTCACTGT  
GCTTATTTCTTCCCAATTTCTGAGATGTAGAATAAAGTTTGTTTTTT  
>GBEQ2969 |Acc|CD469886|Ver|CD469886.1 GI:31391154|LeukoS4\_2\_B03.b1 A026 Stimulated peripheral blood leukocytes S4 Equus caballus cDNA clone LeukoS4\_2\_B03\_A026 3', mRNA sequence.:Start:1:Stop:563  
GGGCCCCGGCTGTGAGGACCCCTGGGACTCAGACACCAAGTTGAGGGGGGAGCATCCTTACTGATCGTACT  
TCCATGTGGCATTACAGCAGCTCCACCTCAAGCTCGCTCTCTCATGCACATGCACACACATGTACACA  
CACGCACAGCAGTCACTCACATGCACATACACTCATACGCATGCGCTCACACGCATCCACACACACGTT  
CAGACCCATGAGTTCTCGCAAGCGTAGGCTATGCTTGGACTCCTCCTCTGCTATAGCTGGGACCCAGAG  
GCCCAGGGAAGCAGCGGGGAGCCCTCCACCTCTGTTGACCTTCGGCCACTCCTGCCACCCATCTGGCC  
AGCCCCAGCCCCAAGCCACCCGCCCTGCTATGCAACAGGCCTGTACACTTTGCGAACACCATCAATCAA  
CCACAGACTCAAGATGCAGAGACTGCCGAGCCCCGGCTGGACAGGGGCTGCTAGGACAGCGGAGCCCA  
GCCCTCCAGCGGGTCTCTGCGAGCGCCCCACGGCAGTCAAGTACAAATATGCTCTTCAGCCCCAAA  
AAA  
>GBEQ2970 |Acc|CD469800|Ver|CD469800.1 GI:31391068|LeukoS2\_5\_A05.b1 A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_A05\_A024 3', mRNA sequence.:Start:1:Stop:642  
TTGCTTTTCTTGAAGATCCGCCCTGGGCTGTTGTTGCTGGAGTGTGCGCTCTGACTTGCTGACTTGGTC  
TGTACTTCTGAAACTGAACGGCGTCGGTCAGGGGCTCTGTGAGTTGCACGGATATCCAGAATGAGTGTG  
ATGCTGAAAAGTGAAGATGTCAGAGACCAGGTGGAGAGCACCCTGAGGTTTCAGGATAAATAATATCCAC  
TTTTATTAAATAAAATGTGACAAAATGAAAATACATAATTAATTTGATCTTCTCTTTTGGTGTTCAGCC  
TTGTAGGGTCTGTAGAACTTCTTCTGCTTCTCCACACGCACACTGAACAGTGAAGCTATGAGTAAAGGG  
ATGACAAAATTTGTGGCTTCTGAATCCCAAAAGATTCTGCAGAAGAGCTGTCTTGCGCCCCCTGGGTCCG  
GGCTTTCAAACCTCTGAGTCTACGAGCTGTGTGTGTGGACGTGTATGTTTATTTATGTGATGCCTTCAT  
CAGATGGCAGCGTTTTTCATGCCATAGGACAAAACAGCAAAGTTTATACTGGTTTGTAGCTAGTGAAT  
GATATGAGTAAGTTTGAATAAATATGAGGCTATATTCAAAGGGGATTTTGTGAAAGTTATAATAAATG  
TTGGGGCTCCTT  
>GBEQ2971 |Acc|CD469793|Ver|CD469793.1 GI:31391061|LeukoS2\_5\_D03.b1 A024 Stimulated peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D03\_A024 3', mRNA sequence.:Start:1:Stop:653  
CCTAGAGTTTTTCATTAAGCTTTTAAGCTAATACTTGCTCTTGGTGGCAATTCCTATCCTAGATAGAAT  
CAGCAGGCAAAAGTCAAAGCACATTTGCTTTGGAAGATGATACTCATTTTCTCAAAGAGAAAAGCTAGCG  
CCCAAGATTTTCATCCTATTATGCCGTGAAAGCAAGGCAAGGATTTCAGATGGCACTTTCTCAAATCAAG  
GATTTGTGAGAAGAAATAGAAGAGCCAAATGCCATATGACATCCATGCGAAGCTACCTCCGAGGAACCC  
TGCTGCCCTTGCTCAACATCAGGACCAGAAATACAGGCAAAAGGAGGAGGAGAGAGATCAGCAGGA  
AGTAGGAGAAGGACGATGGCTGTACAGTTTTCTTTAGACAGCAAAACAAATGTCCTGGACTACTGGCTGA

TGATTCCAGCAAGCAGACGGCTTCACCAAGCAAAGGCCAAATACATCCAGGCCTAAAACCCAATCCACCA  
AGTCACTGACGTGAATTAACCCCAATGTCTGCCTTACCTCGCCTCAAGGACATTTCCAGGAGGACAATAA  
TGGTCTTTTCTATGTTCTCTGGACTTCTCCTCGCAGCCTCCAGCTGGCTCTTACTCTAGGCTCACCCCTC  
TGAATAAACACTTACCTCGAGGG  
>GBEQ2972 |Acc|CD469763|Ver|CD469763.1 GI:31391031|LeukoS2\_5\_D04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_5\_D04\_A024 3', mRNA  
sequence.:Start:1:Stop:402  
TATAGATGAAACAAGATTGGCTGTGTTGATTATTGTTGGTACTGGGTAGTATATACATGGGAGTTCATTA  
AACTATTCACTTTACTTTTGTACATGTTTAAACTTTCCATAGAAAAGTGCTCCAGGATGGCCATGCCCT  
CTGGAGCACTTGATAGAAGCAAATGCAAAATCTGTGTGGAGGGATGTGACCTCAAGCCAGCCCCCACTGC  
TCCCCCAGATAAAGCCCTGCTGAACAGAACTCACCTTCAAAAGTTACGGAGCACCTACGTGAGAGCCAG  
CAGACAGAATAAATACCAGCATTAGACCCCTGACAACCTTGGGTAATGGTAATATTAATAAACTATGAAGT  
CAGTATGCTCCATTGAATTAGAAACAAAAAGGAAGGGAAACGGAAGAGGAA  
>GBEQ2973 |Acc|CD469683|Ver|CD469683.1 GI:31390951|LeukoS2\_8\_C09.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_C09\_A024 3', mRNA  
sequence.:Start:1:Stop:671  
CTACTAAAGATAGCCCTTCAGGCATAAGCAGCTTTTTCTGCCAGCATCTGAGCTTGAAGAAAGCAGTG  
AAGAAATGAACAGGGCACAGACAGGTCCATTCTCGGAGAGCTCCCTAATCCCTGAGCTGAAACAGAGAG  
GGAAAGGAACAGAGAGTCAGGGAGCCTGAAATGGTGGCCATGATGAGGAGAGGGGTGGGAAGGCAGGAGT  
TCCCCAATCTGAGTTTTCTGGGCAAGATGGCCTTGTTTTATGCTTTAAGATACATTTTAGAGAGCTGTTT  
TCTCATGTTTGTCCACCCTATCCATACCAACACACATAGTCTCTAGTCTGCAGATCTTATAATTACTT  
ACTAGCAGAAACAGTGCTTCAGGCCCGCATGGTGCTCATTAGTTCTCCGTTTGCACTCAGTTCACCAGAT  
ATCCCTTACCTCTGTCTTGATGCCAGGAGTCATAATTGGTGAAGTGCCTACCAACAGAATGTCATCCTCC  
ATCCCATTACTACCTAGCCTTCTTGCCCCCTGGAAGACTAGCTTTTGACTAACCTGGAAAATTCCTTA  
TGACTTGCTCTTGCTTCAGCCCATGTATTTATATGTATTTCTGATAGTGATAATAAATATGTAT  
TCTTGATGATAATGCTACAATAAATTTAAAAATTTCAACTC  
>GBEQ2974 |Acc|CD469671|Ver|CD469671.1 GI:31390939|LeukoS2\_8\_H03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_H03\_A024 3', mRNA  
sequence.:Start:1:Stop:630  
GGCTTTGGTTTCCATATTTGCCATGTGTCTGTCCGGAAGTGGGGGTAGGTGGGGGTGAGGCTGCGCCCCA  
GTGGATTGGTCACCTGCTAGACCTGCGGGAGGTGGGCAGGGCTATGGAATTGGGGCAGAATCCCCTTACT  
AAGCAGATTTGTGAATCCGCTTTGTATCAGGGGGCCAGAGAATGACTTGTGGAGGCCTAGGTTGGATGGG  
AAAGGCTCGCGGGGTCAAGTCCCACCCCTGCTCACACCAAGTGGGCCCAGCTCTCCTGCAGCTCAGCT  
GGGAGCACTGCCCTCCTGCTTTGTACATAGGGCGTATCCCTTTTACCAGGCCACCAACCATGTCCAGGC  
CTGTGCCAGGAAGCCATTGCTCAGTCTACCTTTGTTTTCTCAACACTACCTTTCTGATACGAAGGCAG  
CACCTTCGGAATGTGAATCATGTACTGCTCAGAATGTGTCCCTCTCATCAAGTCTCATTGGTTTAAATG  
GTGACGCCTCCTGTGCAGGATCTGGTCACCTGTGCATTTGTGAACACCCAGGAATTAGGCAGATCACCGT  
CTCTTGCTACCCAGTTTAAACAATTTGTGATAAGATTTGACCGTTTCTCCCTCAATAAATGTATTGGTG  
>GBEQ2975 |Acc|CD469669|Ver|CD469669.1 GI:31390937|LeukoS2\_8\_D06.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_D06\_A024 3', mRNA  
sequence.:Start:1:Stop:657  
TAGAACAGTAATAGCCTGAAGCCAGACCAATATGACCTCAGCCAAATGCCAGTCATTGCTAATGTCTGG  
GAGGACTAGTGTGTTGAATACACAGATCTGTAGCCAGGGTCTTAATATATTGGCTTCATATCTCATGA  
CTCCCTTCTGAAAATACACAGCTTAAGAAATTCAGTTATTTGTTCTGCTCCAGAAGAGAGATTCTCAAAA  
TTAATTTATCCCTCATTTTAAAGTAAAGTTGGCTACATGATGACATAATTAGTGAATTTTGAGAAAGATG  
ATGATAATGCACATTATTTCTCAGAGTTAACATTTTGCACGCTCTTTAAAAAACAAAAATTCATAAGCTC  
CTTATGCCTGCAGGCTGTGCAAGGAGTACCATCTTGTTCATTGGCTCCTGGCTGCCAGGCCAAGGTGATGT  
AAAGTCAGTTAGAGAGAGTAACTTAGTAAGTTGATAGCATCTCAGCGTGTTCAGGGCTGTTTGGGAG  
TCTTATTTTTGAATAGATACTAGAAACCATCTTTTTGGGTGGGTGGAGGAAGAGGGATTGGAGGGACTAC  
TATTATGAAGGTCCATTGAGCTGCTTTAGTATTGTAATATATTAAACCAAGAGCCAGATTCCATTTTAA  
TCTCCTGTTCCGTTGAATTTTTAGCTTC  
>GBEQ2976 |Acc|CD469668|Ver|CD469668.1 GI:31390936|LeukoS2\_8\_E11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E11\_A024 3', mRNA  
sequence.:Start:1:Stop:427  
GAATAGATAACCAAAATGTGCCATATGCATACGATGGAGAATGTTATTTAGCTATAAAAAGGAATGAAAT  
TTTGCCCCATGCTACAACGTGGATGACCCTAGAAACCATTTATGTTGAAGTGAATTAACCCAGACCCAAAG  
GCCGGTTAATATGATCCCCGTATATAAGGTTGGTAGAATTGGCAAATTCATAGGGAGAAAAAGTAGACT

AGAGCTTCCCAGGGGCTCGGGGGAGAGGAGAAGGGGGCGTTATTGCTTATTGGGTGGAGTTTCTGTTTGG  
GATGATGAAAAAATTCTGGAAATAGTGTGATGGTTGCATACCATTGTGAATGTACTTAATTCTGCTGAA  
TTGTCCCCTTAAAAATGGTTAAAGGGTAAATTTTGTATGTATATTTTCCCCCAATAAAAAATTTTTTTAA  
AAGATGT  
>GBEQ2977 |Acc|CD469667|Ver|CD469667.1 GI:31390935|LeukoS2\_8\_E04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_E04\_A024 3', mRNA  
sequence.:Start:1:Stop:604  
TTCCCTGATTGACTTTCCCTGTTCCAGCAGAGGCCAGGCTGGGTGCTCTCCATCTCTGTCATAACTTCATG  
TTGTGCTGAATAGTAATGACTTGCCTTCCTTATTGAAAATAAGAATGCAGGTAGGAAATTCCTTTTTTGTAT  
TCTTTTCAAGTGTGCTTGATAGGTCAATGAAGGAGAAGATGTTTGAAGTTTGAGACAGAAAACAAATGGA  
AGCACTGAGAACCTTCCAGAAATTCGTGTGTTTGTCTGTGCTGACAACAATAAAAGAAATGAAGTCCCGATG  
CATGCTACACATAGATGAACCTTGAAGACATTAGGCTTTGTGAAAGAAAACAGAAACAAAATACCAATG  
GATTGTTTGAATTAATTTATGTGAAATGTCTGTGAGACGCAAGTCCTTATGGGCAGAAAGTAGATTAGTG  
TGTGCCCTTGGGGTGAGGGGAGTGGTGGAGGGAGATGGGGACCAACTGCTCAGGAATGAACAGGTATGGGG  
TCATGAAATTTGTTCCACAATGAAGTGTGGCGACGGCTGCACAACCCTGTGACTATGCTAAATCACTTCT  
TTTATATGGTTGAATTATACATATGAACATAATCCCAATAAAGC  
>GBEQ2978 |Acc|CD469666|Ver|CD469666.1 GI:31390934|LeukoS2\_8\_G08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_8\_G08\_A024 3', mRNA  
sequence.:Start:1:Stop:471  
CCCCGTGACATAGTTGTATATCTTAGTTGCAGGTCCTTCTAGTTGTGGGATGTGGGATGCCCCCTCGACG  
TGCCCTGACGAGCGGTGCCATGTCCGTGCCAGGATCCAAACCCTGGGCCGCTGCAGCAGAGCACGAACT  
TAACCACTTGGCCACGGAGCCAGCCCTAAAATATTTCTTATGTTAAAATCCTTTAAAAAATTAAAAATAT  
TTTACAAATCTTTATGTTGTTTCTAAATTCCTCTCAGCCTTTTCTCTTATGCTCTGATGGTTATC  
CATGCTTCTGTTTCAGCCAGTGTAACTGGCTTTTTTCACTAACAATGCTGTGCTCTTCGGCATTTGCTCTT  
TTTTATATATATCATTTTCATTCCAAATATTTAGGAATTCATTACTTTTAAGAAGTAAGTTTTTTTAAGA  
AGATTTTTTTCANAAAATATTTTTTAATAGAATAAAATATAATTTTCCCTTCC  
>GBEQ2979 |Acc|CD469617|Ver|CD469617.1 GI:31390885|LeukoS2\_7\_F06.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_F06\_A024 3', mRNA  
sequence.:Start:1:Stop:111  
GGGAATCCCCCCCCACCCCAACATGGAGTTTTTTTCCAGTATGTTTTATAACTGAGGTCTTTGTCTATT  
GATTTTTTAAAAATCTCTTTTCCACATTAAACAAGCAGA  
>GBEQ2980 |Acc|CD469603|Ver|CD469603.1 GI:31390871|LeukoS2\_7\_H12.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_H12\_A024 3', mRNA  
sequence.:Start:1:Stop:245  
ATTTTTTTTTGTTAATATTAGGGGCTGACAGGGAATGACAAGGTTGATAGCAATAATAAATATACAGAA  
TCAGAAAAGTAGAGGTTTAGGAATTATGAAATTTTTCTTTTAAAAATATACCATAGTGAGGGGAAAAAAGC  
TTTCAATTGTGGAGAAAAGATTGAAATAAACTCATATACCTTTCAATTTAATAATACTAAACATTCTCT  
TCTGTTAATCCTTATCAACAAGAATAAAATCAATT  
>GBEQ2981 |Acc|CD469587|Ver|CD469587.1 GI:31390855|LeukoS2\_7\_E07.b2\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_7\_E07\_A024 3', mRNA  
sequence.:Start:1:Stop:421  
CCAGAAGAAAGAGACTTCAGGCGCCCTTGTAGCGTTTCATGCTTACATTTGTATGGCTTCTCAGCCGTGGG  
CTTTTTTCTGGGCAGGCGACCATCAGATCAGATCATTTGATGAGAAGTGTGGTTTATGGGCACCAGGTGT  
ATTTAGCATGATCATTAACACAGATATAATTTGACCTGCCTCTTTTGGATCCACTCTTTGTTGCCCAT  
CCTTACTCCTTATAGTACAGTAGATGTGCATTTGGATAAAATGGACCGTGTGTATTTAGAAAATTACTTT  
GCCAAGAGTTTGTAGTTGGCAAATAATTGGGCAGTTAAGTGGAGTCAGCAGAGAGCTGGAGGTAAGTGGT  
ATATTTTTGGGGGCAGGTTGATTAGAGAGTGTATATCATTAAGCTGTCTAAGGTTGTACTCCTAT  
T  
>GBEQ2982 |Acc|CD469503|Ver|CD469503.1 GI:31390771|LeukoS2\_4\_G04.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_G04\_A024 3', mRNA  
sequence.:Start:1:Stop:277  
AAGGAAAGAAAAAAACCTTCCACTGGGAAGCTTGCTTTTGCAGCTAAACGAAATAGTGGAGGTGGTGG  
GAACTTCAGGAGAGACATGCATCTTACGATGCATAAGAAGCATATACAAATCAATGAATCAAAGGAAATT  
ATGCTGGTCAAGACTGACTCAGGGCCTTCAAAGCTGGACTGAGCTGGCTCTATTCTGGCAGATGGTCCAC  
TGGAGACAATGTATAACCAGTTTTTCTTTGGCCTAAAAATTATATTAATGTCTATTTTGAAATGG  
>GBEQ2983 |Acc|CD469473|Ver|CD469473.1 GI:31390741|LeukoS2\_4\_A10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_A10\_A024 3', mRNA

sequence.:Start:1:Stop:614

GAGTCTGTGGCAAAATGGAAAATAAGAATTTTCATGAAACTTTCTAAAAGCCAGCTTTATCCAATTTGAAG  
GAGAGTCCTTTATTGGAGATTATTTCCCTTTTTCGCAAGGGGTGGGGGTCAAAATATTCCTGTGTTTGTG  
AAGTGATAGTGAAGGGAGGTTCCCTTGTTAGTGTCCATTCTGTTTTTGTAAATACCCTAACCGGTAAAAA  
TGAACAGTTAGTGTACTATGTTTGTCCCTTATTCTTTCTTTCTGAAACGTTCCCTGTAAGTCTGGACCCA  
CTGCCCCGGGCCTGAGCACCACCTCCATTGCAGACCTTTTACAGCTGCCCCACAGTGCTTTCCCTCCCA  
TCAAAGGTTCCCTGCTCCACAGCACAGCAAAATGTGGCTCCTCCAAGGCCTTTCTGATCTCCCGGG  
AGGAATGAATCGTCCCTTGACCATTTTAGCACTTTCTGACGCTCTGAAACTTGTGTTGAAAGGTGGCTATGC  
CTCTGTCTGTCTCTGCCCCAACTGTGAGCTCCTGGAAGCAGGGAACATGACTGGCATGTGTCTCAGCT  
TCCCCAGGGCCAGCACATGGCCTGTTTTACAATAAAACCTTGAAATTCAAAA

>GBEQ2984 |Acc|CD469458|Ver|CD469458.1 GI:31390726|LeukoS2\_4\_H09.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_H09\_A024 3', mRNA  
sequence.:Start:1:Stop:280

GGGTCCCGCTGAGATCCTGACAGATCTGGAACAGTCTTAGGATTCTGGGATGAGAACATTCCCCTCTTG  
TCAAGCACTTGCAAGTCTGGGCGTGAAGCCAACAGAGTTCGGAGAAGAGGCTTCCCATTTGGGGAACCG  
GTCGGGCTTTTTAGAAAGCTCGATTTCTGCACTTTCTTTTCATTTTGTGTTTGTCTCGGGGCCGACCTG  
GGGCTATCCTGCGGGAATAAAGCAGGAAAAAAGACTGGCAACAGTTGTTAGCCTAGGTGCC

>GBEQ2985 |Acc|CD469455|Ver|CD469455.1 GI:31390723|LeukoS2\_4\_C11.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_4\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:525

TCCTTTATTTGGAGATTATTTCCCTTTTTCGCAAGGGGTGGGGATCAAAATATTCCTGTGTTTGTGAAGTG  
ATAGTGAAGGGAGGTTCCCTTGTTAGTGTCCATTCTTGTTTTTGTAAATACCCTAACCGGTAAAAATGAAC  
AGTTAGTGTACTATGTTTGTCCCTTATTCTTTCTTTCTGAAACGTTCCCTGTAAGTCTGGACCCACTGCC  
CGGGCTGAGCACCACCTCCATTGCGAGACCTTTACAGCTGCCACAGTGCTTTCCCTCCCATCAAAAG  
GTTCCCTGCTCCACAGCACAGCACAAATGTGGCTCCTCCAAGGCCTTTCTGATCTCCCGGGAGGAAT  
GAATCGCTCCTTGACCATTTTAGCACTTCTGACGCTCTGAAACTTGTGTTGAAAGGTGGTTATGCCTCTGT  
CTGTCTCCTGCCCAAACCTGTGAGCTCCTGGAAGCAGGGAACATGACTGGCATGTGTCTCAGCTTCCCC  
AGGGCCAAGCACATGGCCGGTTTTACAATAAACCC

>GBEQ2986 |Acc|CD469351|Ver|CD469351.1 GI:31390619|LeukoS2\_3\_B05.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B05\_A024 3', mRNA  
sequence.:Start:1:Stop:540

CCCAGGTGTTTGTGAGCGCTTTTCAGATGGGGCATCGAGGCCAGCTGGCGGGAACCGAGCGTTTTTCATG  
CCAGCCCTGTGCCTTTAGGAAGCTCCAGCTAGAAAAGCAGAAGGAAAACCTGGCGAGGGGTGAGCCAG  
AAAGAAGAAGAGAAAGCGGGAGGCCCTGGGTCCCGGAGGCCACAATGTAGGTTGTGTGCCGTGGAGACGA  
AGCGGGTAGAACGGGCCGTTCCAAAACAGGAGGCCGATTGGGGGTGTCCAGGGGCCGGGAGGCAGATT  
GGGGGCTGACCGCGAATCGGATGCGAATGGAATGGGCTGGAGCCACACGGGGCAGATGGTCGCAAA  
CCCGGCGAACGTGGCTGAATTGCGCGCTGCAAGAGGGTCCCTTGGGGCCCTGTGCATTTTGCCTTTATT  
TTAAAAAATAAATGAAGGCAAAAAAATGAATAAATAAATGAGAAAGAGCAATGAGATTTCCCTAGAC  
GTCCACATATAAAGTAGACGAAGATGGGCATGGATGTGAGCTCAGGGTC

>GBEQ2987 |Acc|CD469346|Ver|CD469346.1 GI:31390614|LeukoS2\_3\_A10.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_A10\_A024 3', mRNA  
sequence.:Start:1:Stop:741

GGGATGCTGGCGGAGGTGAGGGTGTACAGGGCGACCTTTTCATTGGCCTTTGTGGAATTTGAACCCCGTGA  
CATCCCCAGCCCCAGGCTAACTGATGGGTCTCATTGACACACAAGTGGCCCTGCAGGCTTTGCTCATGG  
GACATTGGAGTGCCCCAGCCCTGAGATGGAGAAGATGGCACACCCACAAACCATCTTCACAGCCTCAGGG  
GGTGTGTTGGGCTGGAGGGGAGACAGTGGAGAGAAAGGAAGGCCAAGTCCTTATTACTGTCTTTCTGT  
TTAAGAAGCATTCACTGACCCCTTCTGGACACTGAGGCCGAGAGGTGACCCAGCCACATCGCTCCCTC  
TGGACCACTCGGGAGGTTTCACTGTTTCTGATACGTGGAAATTCCTTTGCAAAAGGACCATATGCTGGCG  
AAGACCTTTAGACATTGCCTAATCGAACTTCTTCTTTTTTAATTGATGAAGGAGGGAAGTAAGTGTGGC  
CCAGGCAATGACGTGAGTTACTTAAGGCCACAAAGCGTGTAAAGCTTGTGAAGCCGCTCTCAGATCTGG  
GTCCCTGGACCGTCAGGCCCATGCGACCACACCGGTTTGTGTTTACCAGTTACGGAACAATCCAGCACAGT  
CGTATTGCTGCTCGGGAGCATCTATACTCACTGACGATTTGCAAGGTCTTTCTCATCTCTGAAAGGGAAAC  
AAGAAGAATAAACTTTAAAGGTTTACATCCTTTACCATCT

>GBEQ2988 |Acc|CD469331|Ver|CD469331.1 GI:31390599|LeukoS2\_3\_B02.b1 A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B02\_A024 3', mRNA  
sequence.:Start:1:Stop:473

ACTTAGGGGCCAGGCTTTGGATTGATTGTCATTTCAATTCCTTGAAGACTATGTAATTATGATGAGCAG

AGGCCAAATAAGTTTTTAAACAAAAGTGCCTTTTTTTCGGTATTTAAAGTTTAGTAGTAAATTTTCTACTT  
TCAGTTAAATTATCTTCAAAAAAATTACTACAAAAAAGCTTAGGGTTGAGATCAAGAAGCTTGAAGAAGCC  
GCTTTTTAAGCAGTTCAATCACTTACAATGTTTTATGTTAAAGAAGTTGTCATAATTTCTTTTGAGCCAA  
ACTGTCAGTAAATGCTGTGACAGAACCCTCTTCTTTTTCTGCCATTCTGCATATTGGAAGCGTTC  
TATGTGGTATTTGTTTTAATCCTTGATTAAAAAATAAATTAATGGTTTTAGCGTTGCTTAGCTTCAGT  
TTGAAGTGTAACCTTTCTACTAATAACTGCAATAAAAAGGAAAGCTTTGCTCCAA  
>GBEQ2989 |Acc|CD469301|Ver|CD469301.1 GI:31390569|LeukoS2\_3\_B06.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_B06\_A024 3', mRNA  
sequence.:Start:1:Stop:619  
GAGTTAAAGAAGACTGATTTTAGGGTTCTTCTAAATTGCTTTTGTCAACTATTAACCTTACGAGTGACAC  
TGCTGTAACCTCAGTTTAAATTTAAAGTTAATATATTAGGAAGAACTCAAATATTTACTGGTAATCGC  
TTAGAGCTGCAATATGCTGTGGATTACAAACGCATCCCTTTGTGCTGTAACGCATCACTGGATTGG  
TTTTGTGGCTGTGCATATTCTGCCACCTTGTGTCTTCACTGTAAGTTTAAATAAGATATTTCCAAGG  
AAAAGCTTCAGTGGTGATAGTTTCTTAGCAACTCCTATCCTTATACTCTTACTTTGAGATAGTCATTTTT  
TTCATGTATTTAATTTCTAAGCTTCAGATTTAGTGTCTGTTATTTCCCAATATGTTGGTTACCAGAATA  
TTAGAATTTGCCCTAATTGCTTGTGGTGGGTATTATAGAAGTTCTGGTTAAATTACAATTTAAAGTTTTT  
AAAAGTGCTTTGAGCATATGTATGTTTATGTTTAGTAACAAATCATTTAAAAACCATTTCGCAAGTTTTGG  
TTTAATTTTTTTTTTCAATTTGTTTTACCAACTGTAATTTAGAATAAAAGCTTTTTTGTCTCT  
>GBEQ2990 |Acc|CD469291|Ver|CD469291.1 GI:31390559|LeukoS2\_3\_H12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_3\_H12\_A024 3', mRNA  
sequence.:Start:1:Stop:112  
GAGCCCCAGTGTGAGTCAGGCAGCCCCCTCCTGAAGTGGCACCCCTGACAACCTGAGAATGAAGCAGAAGGA  
ACAGGAAAAGTCGGAGTTCTCCCTTAAGCCATTAAATAATA  
>GBEQ2991 |Acc|CD469183|Ver|CD469183.1 GI:31390451|LeukoS2\_2\_G03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_G03\_A024 3', mRNA  
sequence.:Start:1:Stop:516  
ATAAATGAAGCAAGGTGGAAGAGTCCAGGAGTAAACTGGATTTTTATGGAAGGAGCCTTCTAAATTTT  
GCAAGACAGTTCCAAATTAATTAAGCAAAATAAATATATGCAAGAAACGCAGAGAAATTGACTTTATAA  
GCATTCATAAGGCTAAATTTCAAGTCACCTGTAATTTGCTTGTAAAGTTTCATCTTTTCAGAGGAGTTATT  
TATGAACCTTCANCGAACCTCAACGTGTGAGAGAAATTTGAACCTATATATTTATTTGCTGACAGCAGAGA  
AGAGCTCTCGTCTGTCGTGCCACCAACAGATTTCTTAGACCATGGATTATTAGAAGCCCTCCTCAGTGGA  
GGGGATGCTATTGGGTTTAAATATGACAGCGTAGTGGGTTGAGATCCTGCCTCCATCACTTACTTGATGT  
GACCCTGGGCATGTCACTGGGTGTCGCTCTGCCTCACTTTCTCTATTTGTAAAGGAGAAATTAATAAATA  
AAGCAGTTTCGGCTCTGGAAGCCATGC  
>GBEQ2992 |Acc|CD469172|Ver|CD469172.1 GI:31390440|LeukoS2\_2\_A11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_A11\_A024 3', mRNA  
sequence.:Start:1:Stop:603  
CAGCTTTGCATGATTATACCTTACAATGAAACCTTGTGAAAAAGAACATGAATAAGTCATTAATAGACAGA  
AATTAATTTGAAATTTATAACAAAATTTAAAAAGCTTAGGTGACTATCTCAAGACTGAAAATAGCACTCC  
AAATTAGAATAGTTATATTTTTGGGTGGTTTGGTGTCAAAAATAACCTATGAACACATTTGTTTTATTAT  
TATTAAGGTATATTTCTATAAAATGAGGATTTCTATCAGCTTAGTTTCACTTGTGTAGAACCTCATAT  
AAATGGAACCACTTGGATGTACTCTTTGGTTTGGCTTTTTTTGATTAAGAAAACATATTTGAGATTCATC  
TATGTTGTACCAGTAGTTGTTAACACATTTCTCAAGTAGCATTTTCAAGATGTGATGCCATAAGCAGGGAA  
GAAATGAGCACTAGATTGAGGCCTTCCCTAAGTGAAGTATAAACCATAAAGTTAACATTAATAGAATGTCTA  
ATGTCATGCATCTGTTCATGTGATAAATGGTATGAAATATATGTACATTTTAAAGGCATTCCAGCAATA  
TCATTTTGTAAAGACAAATTTCCATTAAAAAGTACTTTTTTAAAC  
>GBEQ2993 |Acc|CD469169|Ver|CD469169.1 GI:31390437|LeukoS2\_2\_B10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_B10\_A024 3', mRNA  
sequence.:Start:1:Stop:648  
GAGAATTTGTTCCCTCAGTCCTCATATAGGAGCTGAATGGATGAGAGGCGAGCATCTGGCTGTACTTGG  
GCCAGTCTGGTTCTCTCTCTCAGGAATAAGCAGCGAGACTCAGGGATGCTGTTTCCAGCTCTGCAAGTCA  
CTTACCTGAAGATATACAAACTCTGGAGCTGTGAGCGTGTCTACATGTGTGTCTCTATGTACCCAAGC  
CTTGGGGGTGGTGGCGGCAGGGGGTGGCCACCTGCATGAGTGTATTAGAGAAAATGGCTCGACTCAGAGA  
GAAGATGGAGATGTGCAGAGCAAAATCAGAGACCAGAGGGAGACCCAGGAGCCTGGAGAGGCCAGGGGGA  
GGCGCTTCCNCGGAGCCTGCCGGCGCTCCTCCTCTGGGCCAAACCTTCTCGAGCCTCAAAGTCCGCCCT  
CCTTCTTTGAGTCTGTGAGATGCCCTTGTAGATGCATTTCTTGTGTTTGGCTTGAGCTGATTTGAAG  
TATTATCTATTACTTGAACCAAAAGAGCTCTGAATAAGATAAAATCTTGTGCTAAAGCACAGTGTCTC

TCGAATTTCCGGTCATCCCTGTACCTCCTCACAATTTTGCATATCTATGTACCATCTGTATGTTTACTT  
AATAAATATTGTCTTTA  
>GBEQ2994 |Acc|CD469166|Ver|CD469166.1 GI:31390434|LeukoS2\_2\_F10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:677  
TATAGTCACAGCAGAGGTCAGTGTGAAAGCCAAAACCGATGATTGTTTTGCATGCATAGGAGATTGAGTC  
AGGTAGTGAGGTAAAAAATTGTGAGGAAAAGATTGAAAGGGCAAGTTGGAGTATTTTGTATTATTACC  
ATCTAAATCAGACATTTACTTTTCACACGCAATTGAACCATCTGGTATTTGAAATTTTTTAAATCATTAAC  
ATTTAGTGAAAAATGTTTCTAGAATCATATTTTCAAGAACTGTCTTTATTTAAAGAGAAAGAGGGCTTTT  
ACATTTGAATGTAAAGGATTACTTTTACAAAAGAATGACTTGTCTTTCTCTCTCTGTCTCTCAAAAT  
TCTTAAGTTGTCCCATACACATCAGCGGTAAACTGAAGCTGAATTCCAAGTATCCTGTTGGCAGCTGGA  
GCATCTCTGTAGTAGGAGGAGGAAATGAATACAGGAAGTTCCACCCAGTAGGGTGTCTGTGAGAGCA  
GCAGAAATGGTCCACGGAAGTAAAGAATGTTTGGTTTGGGAAATGAGAGTTTAAACCCCTATCAAACCT  
ACATCATTTTTCAGTGACTAGAAATGTATTCTTTTCTTAAAGTGCTCTAATTGTACTTTCTGAAGCCTCC  
TTATATATTCAAATCCCCCATACGATTTTAAATAAACAATAATAT  
>GBEQ2995 |Acc|CD469150|Ver|CD469150.1 GI:31390418|LeukoS2\_2\_H07.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_2\_H07\_A024 3', mRNA  
sequence.:Start:1:Stop:632  
TCATAAGGCAGCAGAGTTTATGCAAAGGACTTTTGAATTATCCAGAGATCGTCTAGGGTTGTACCCAGG  
ACCTTTTCCCTTACAAGAGATGGCCATGTATCTCTCTGACATTCAGTTTCTCCTACGTGGAATAGTAACA  
ATAGAACCTACTTTAGAGAGTTGAGATGAAAATACACGGTATGTATAAGGTGCAAATATCAGTCCCCAG  
CATGTGGCAAATGTTCGATAAATGGAATGTTATTATTTTACTGTCTTGTGTATATATTGCAAAGAGA  
AGGACAAGGACAGACAACCTCTGTAATCAGATGCCCTGCAATGTTTCTGGGACGCTTAGCTTGGACATTC  
TCAACAGAGACCCATTCTTCTTCCCTGCTGACACCCCTCCTTCTGTCTCTCCATCCACAGCCATCCCTG  
ATCTCAGCTGGCAGTGGGCTCTGTGTTACAGTGCTTATCTGACTTAAATGGTCTTCTTGGGGAAGT  
GCTTAGATCCTGTGTCAGAGGACTCCTTCTTTAATCTTATTTGACCAATCTGTGTACTTACCAC  
GAGGTGTTCTCACCTACGTGTGTAGTTGGTTTCCAGGTATCCATACAAATTACTCAAAATAAAACAATA  
CA  
>GBEQ2996 |Acc|CD469048|Ver|CD469048.1 GI:31390316|LeukoS2\_1\_C06.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C06\_A024 3', mRNA  
sequence.:Start:1:Stop:392  
CGGGAGTGGGATGACTGGAAGGACACCCCCCTAGGGGTTATGGCAACCGACAGAACATGGGTTAGTTGT  
CCCACAACAAGATGCGATGATAGTGGCACCCAGTTTCCCTGCCAAGGAAGGCTTTGTGGTTTTCCCTC  
CCTGGGCTCCTGTTTCAGCTGTGTGCAACAAAACCTAGATGCTTAATCATGCTTTTCATTCAATAAAGT  
GTCAGAGAATTAATGTGTATTGTATCCTAGATGATGAGCCAGCAGTTTTGTTTGGCATTATCATCCT  
CATCAGGGGTATTCATTTCTTTTAAAGTGGAAAGAAAGTACTGAGAAATGGCTTTGTATAATCAATGAC  
TGTATGAATTTTCATTAATAAATAATAAACGTCCATTTTTTT  
>GBEQ2997 |Acc|CD469036|Ver|CD469036.1 GI:31390304|LeukoS2\_1\_C12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_C12\_A024 3', mRNA  
sequence.:Start:1:Stop:547  
TCCCTGCCCCAGCCCCAGCCCTTCCCAGCCTGCCGAGGGTCTCTTTTCTGGGGAGACCAGTCCTTGTG  
GGCTGGCTAAGGATATGGCCCGCTGGAGTGCCAAGGGCAGCTGGCTGGGACCATTCCTCAGTAGGGG  
CAGGACCTGGGGCTCCAGCTGCCCAAATCCATCCATCTGAGGAGAGGGGTGGTCCACACAGCCTGCAACC  
CCAGTTTCAGTCCCTCGGCAGCAAGGGAGGGTGCTGGGCCCTGCCAGGTGCCAGCCAGGCCACACC  
CCATCTGCCTCTCAGCTGCATCCCCAGCCCTTTCAGCTCCAGTCAGTCCCAGGCCAGCAGCTCTTCACTC  
CCTGGGGGAGGTGCTCCTTGGCCCTCCCTGTCTCCAGCTTCAGCCTCTCCTGTACCTGCACCAACC  
CTTCCCCGATCCAGGAAAGCTCCCTGATGACACCCCGCTGGTTTCTCCAACCTGATGGGACCCCTTCTCA  
GCAGGGGCTCTCCCTCCCTTGTCTTCAAATAAAGAGGAAAAAGGTGTCAACA  
>GBEQ2998 |Acc|CD469033|Ver|CD469033.1 GI:31390301|LeukoS2\_1\_F11.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_F11\_A024 3', mRNA  
sequence.:Start:1:Stop:103  
TTCCAGAGTGATTATTAGATTAAGACAAAACAAGCAAGAACTGTATTTATGAAAGCAAATGGATGAGA  
AAATTATATTCAAATAAAGGGAAAAAAAAGGGC  
>GBEQ2999 |Acc|CD469015|Ver|CD469015.1 GI:31390283|LeukoS2\_1\_H03.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_H03\_A024 3', mRNA  
sequence.:Start:1:Stop:545  
GCCAGGAACCCCATCAGCAGCAACTCTTCAAACCCATCTTTGCCCAGAAGCTCTGTGAAGGTGCCCTA



GGGACCCAACTTCGTCCATGGTCTGAAGCTCCTGGTGGTGCTCTTCCTTCTCAGTGCCTTTGCACTGGT  
GGCAATTATTTTGGATTATGCGGAAAGAAAGAGGAAAAGTTTCAGAGTTCATTGAAGAGAAGAAGAGAACA  
GACAAATCAACAAGAACTCTTAACATAACCCCTTCTGGAGAGACTGCAGAGTATGACACAGTCTCTC  
ACCTTAATAAACTGTTCAGAGGAAAATCTAGTGAATACATTTTATGCCACTGTGCAAAATACCCCCAAA  
GATGGAGAAACATGACTCTTGCCACGTCACCAGACACACCGAAGCTGTATACCTATGAGAAATGTCACC  
TAAACAGCACTGTACTCCCTCCTGTCTTGCCCCAGAGAAAACCTGTTGAAAGAATTTACTGATTCGATCAA  
GGAATAATGAAGAACACTGACTTCCTTTTCAAGATAAACTATCCCTTATGCTCTTC  
>GBEQ3000 |Acc|CD469000|Ver|CD469000.1 GI:31390268|LeukoS2\_1\_B12.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:728  
TAATCCAGTGATCAGAGTGAATGCCACCAGTAAAGGGACAAATTGAAATTGAACTTCATAAGACGCACC  
GGGAAGAATCCAGCATCACTTCTATGTTATTCTGGCAAAAAATGCACAGTGTGGGTCTAATCATGAGGAA  
ACGTGAGACGAACCCAAATCGAGAGACTTTCTGCAAGCGCCCGGTCTTCAGGCTTCAAAGGGGTGAGG  
AGAACTGAGGCGAATGTTCCAGATTGAAGGAGGCTGGAGAGAGGTCAACATGAAACGCGATGTGTGGTTC  
TGGACTGGATCCTTTGCCATAAAGACAGCACTGAGACAAGGATGGAAACGCGAATGGGGTGTACACGTA  
AAGGGCATATGGGGGTCTTTGGACCATTCTTAACACTTTCCACATTTTGGAAATTATTTTCGGAATACAAG  
GAAAAAGGGAAAAATGCAGTGTGGCATAGACCAGCTATGTGACTTTCGACAAGTTATTTTACCTTCGAT  
GCCTCAGGTTCTTCATCTGTAAGGTGAAAATAAACAACCTCCCTGAAGGACGTGGTGAGGAGAAGAAGA  
GATCGTGTGAGTGAAGCTCAGGGTTCGGGGTCTGGCCGTAGTGTCAATGCTCAATCCGTGGTCTGTTACTC  
CTATTACGTTTTGTGATATTTTACTGTATTCATGGAATCTAAGATGTCACCAATTGTAAGACGTTATT  
ATTTTATATGCCACTGGGGAATAAAAA  
>GBEQ3001 |Acc|CD468992|Ver|CD468992.1 GI:31390260|LeukoS2\_1\_B08.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_B08\_A024 3', mRNA  
sequence.:Start:1:Stop:712  
CTTGGTAGTTAATTCATAAGGGTCGGTTTGGGTAGGAGTAGCAGAGTACCTTAAGAGGGAAATAGGAATA  
TATTCAGAAGTGATAACATTTTCATTTGTTTGAATGCTCTGGCAGGAGAACCAGTTCCACCTGCAAAGTTA  
TCTTTTGTCTAGAATAAGGATGTTGAAATTACTAATCAATGAGGATGTCTTATTTTTATTTCTGAAAAT  
TCTGCCTCATTTTTAAATGTATTTTAAACAATACTTAAAGATAATTTTGACTCTGAAAATAACCTTATTTT  
TTGTTTAGTCACTTGAGTTTTCTTGCCACAGTATAAACTTCTGAGGGATTTTTTAAATTGGTGCTTTTAC  
GAAGCAAATAAATCCCAGGGTTTTATTTTCTCAGTGATAACCCCTATAGAGACTCTTAAATGTATTTGCG  
CATATATATATATTTTTTCTTATGCATGCTCGATGCAATTTTCGTCTGAGAAAAGTGTCTCTACAGA  
AACTACCCGTGTGTAAAAAGAAGATTGGCTTAAATGGCTACTGTGATGGGAACAGTGTCTTAGGGAGAT  
GCAGCTTGAGCTTGAGGTAAATTGAATACTTTACAACTGTGGTTTAGAGTTTGCTTTAATGACATTGTA  
TGTAAGGGGCACATGATTGCTGTAATTTGTATTGATTATGGTTTCTCAATAAAAAAATAAATGTACG  
TTGATGCATATT  
>GBEQ3002 |Acc|CD468991|Ver|CD468991.1 GI:31390259|LeukoS2\_1\_G10.b1\_A024 Stimulated  
peripheral blood leukocytes S2 Equus caballus cDNA clone LeukoS2\_1\_G10\_A024 3', mRNA  
sequence.:Start:1:Stop:583  
GTAGCGATTTGAGGCGCTGTGCCAGATTATAATCAACACATCGCTTCCTTTATCAAGAAAGTCTGGTTA  
TAAAAAAAGTCAGCTGATGAGTGACACACTTAGCTTCCTTTTGGCACAAGCTCACTCTTCATGTTGG  
ATGCATCACAATCGTTCATAGACCATATTTGAATAGCCTTGTTTAAAGCAACATTTATAAATGTTGAT  
ATTTTATAACGGTTTACATTTCTTCTGTTTATTTTGGGATATTCAGTGTGATATCTGACTTAGAACTTG  
TCCTTATTCATTGTTGTATAGACAATTGTACTTTAATTTTAAATTGTGTTAAATTAAGTTATTTGACTT  
CCAATTTGGGAATTATATCAATTTATAATTTTATAAAAGTTTAAAGAAGCTTTAACTGTAATTGTAAA  
TTTCACACAAGTTACAACCTGCCCTCCATTTTAACTTTTATTAATAATCATGTTGCTTAAGTCATATTGA  
CCGACGTTATTATGAATACTCCAGGAAAAAAGACGCTTATTACATCAACTTAATGATCCTTTGGTT  
AAAAATTAAAAAGCGCTTTTTTT  
>GBEQ3003 |Acc|CD468912|Ver|CD468912.1 GI:31390180|LeukoS3\_8\_F06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_F06\_A025 3', mRNA  
sequence.:Start:1:Stop:689  
CTGGCTGTATGGAGCGCCCGCTCGCTCCTTGGCTGTCCCTGGGCTCCATGTCCCTCTTCCGAGTAGTT  
GCTGCCTTTTGTCTGATCAGGTTACCAAAATGCCTCCCCTCTGCTGAGCTGCTGGTGTGCGATCACCCAGG  
GCTGGACACCCAGGCTCCAGCCCCAGGTCCCTGAAGCATCTCAGAACCCACTTTCCCGGTGCTAACACA  
CAAGAGGGGGGTAAAGTGGCTGCCAGTAATGCCAGAAACCAACCATCTGAGAGGCCAGGCTGGAAGACT  
GCTCCACGTCCTTGGCAGGCCCTTCCACCGGAGCCCGGCTCGCCCCGAAGCCACCCACCTCTCA  
GCCCAAGGCAGCCCCCTTTGACGTGAACCTTCTAGGGAGAGCGATACTGCACCTTCACCTGTGGGAC  
TCATCTTTATAACAATGTGTAATGACTGTAGCAAAAAGCCCTTGTTTCTAGATGTAAATGGTCAAAGAAA

CAAGTGCTCTATCGTATTGATTAAAAATAGTTCAAATGGGTCTGTATCATTGTATCTCCTATTCTGGATT  
AGTGCCTTTTGGACAGTAGACTGTTCTGTAATTAATGTAGTATACGCTTTTTTGTACAGTTTTGTTT  
TAATAAAACTTTTTTTAAATTTGTGTTATTTTAGTATTGTACCTATTAGAGAATAAAA  
>GBEQ3004 |Acc|CD468899|Ver|CD468899.1 GI:31390167|LeukoS3\_8\_F04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_F04\_A025 3', mRNA  
sequence.:Start:1:Stop:706  
TCTTGGGTTACTAACCTGGCTCAAAAACACCAATTTTTCTAACTTCTAGCTATAAGCCATCAACAGGAA  
CGTTTGGGAGGGCAGTTCATCTCTATAGAACTTCCGGGTTAAGCGTAACCTAGGTTGCTGATTGAGAAT  
GTGGTCCACATTTGGGTTTATTCCCTAAGGGAGCATGGACTTACCCAGTTATACGGAGCACACTCCTGCTG  
GTCACGGAACATGCCCAGATGAGGCATAGCTCCACGTTAGGACTGAGTGGAGCAAAGAGAAGTTGCTAC  
TGAGATAGCGGCAGTCAGTCATTTGAATGGCCACCAGAGGAGGTTTATTTTCAGGAGTAATTAGCCCTCGT  
CTTTGGACTTTTAGGATTAGGGCAAAATTAGAAATGGGAGGAGGTAAAGAAGCAAGGAGTTTGAGGTCCT  
AGCGATCAGGCATCTGCCGCTTGGCTCATATTTCAGGAAGTATTCGCCAGCCATCACAGTCTTCTTCCG  
AATCTGATTGAATCACTTAGTACTATATTATTCAAATAAGATTATGCTAATTAGTATGTATGTCTCTACT  
TTAGGGAATATTTAATTTTAGATATGTGTTACATGGTCTGTAAGTGTCTGTATTTAAAGATGCCATACA  
TTTGCCCTTTGGCAAATGTTATTTTAGTTGAAATGTAAATGTAAATCGTAGATCACCTATAAGAATAA  
ATATTT  
>GBEQ3005 |Acc|CD468898|Ver|CD468898.1 GI:31390166|LeukoS3\_8\_G06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_G06\_A025 3', mRNA  
sequence.:Start:1:Stop:729  
GCCAGCCCAGACAAGTACATGACTAGGATCCGAAACCTGGGTTAAAGATGATCTTTTAAATATGAAATTC  
TTGAAGAGCTGCATTTTAAAAAATCAAGTAAAGGATCGTATTATTTTATGAACAATCCAGGCTCCTTCC  
TCTGAAACTTTGTCAAGCTTGTGAAGCGGGCTGGAGGATCGCTTTGCAGCTTGTTTTGGTAACGTGGGT  
AACAGGCGTTTTGCCTTCGCTTCCCTTCGGGGTGTGCCGTGAGCTTTTTCGAAGCTTTTTTGTCTGCGT  
GAGCAACTCCAGATGACTGGTTTTAGAGGGGAGGCCAGATCCTTGGGCTTTATTTTCAGCTTTTTCACCG  
TAAGGCATAGCTTTGTTGTTTACCTCAGCTTATCAACTGAGCTGGCCAGACCTTTTGGTTCAGTATGAAG  
TGCTTTTGGAAAGAGTTTGAGAAAAAGACGCTTTTGAAGAAATGGAGAAACCTAGTTCGAATAGCGCCT  
GTTTGAACGTTTGTAGTTTGTACCTTTGATCATGTATTTTGTGGGATGGGATTTTCATTTTTCATAATG  
TTTTTAATGTTTTTAAAAAAACCTAATGGACCCTCCTTTTTTAAATAGCTACTTTCATACTGTTTTTGA  
AAGCAATATGAAACCAATTATTTTGTATTGTCATGATCATTACTTCATAAGATGTTGAAAGAGATGCT  
GGCAAGGAGAAATAAAAATTTTTTCCCGG  
>GBEQ3006 |Acc|CD468881|Ver|CD468881.1 GI:31390149|LeukoS3\_8\_B09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_8\_B09\_A025 3', mRNA  
sequence.:Start:1:Stop:746  
GTAGGAAGTTGGACTAGTTTGACCAAGAATTCTTGTACCTTATACATTTTTGTGATTTTTTTTCCCCAAGT  
GAAGTTTTCTTTAATTTTAAAGTGTGTTGAAGTATGTGAACATTAATTGAAGTGAAGCTGTTATGCAAC  
TGTCTTTGTGACTTTATAGGCAGGTGAGTTTTGCTATTACTATCAAATACGGATGATGACAATTCATTTG  
TGACAACTCAAACAGCATTAGTGACATTTAATGACAAAAAGTTAAACATCCATCATGGATGTTAATTTT  
GAAGATGTAATTTATATGTTATTTTAAATTTTTCTGGGCATCTGAAAAACTGTTACCTGCTGAACATTCTA  
AGATTCCCATAGAGCTATCTGGGATTATGAATTGTTGAAAGTGTATATGCTGAGTGATACACATCACTG  
ACCCATTTTCTCAAATAGCAGAAAGAAGGAAAAAATCATGATTATCAGACTTCTAATGAAACAGAAAG  
CCAAGAAAAAATCCCTCTCTATTTTAAAAAAGACACTGATGAAGTCTTTTCAGACATGCCCCAACTT  
TAAGTGAATAATTTCTTCAATCATCTAAATGCTCTAAAGATTTTTGTTCTCTCCGTTTCAACACAGTTGTA  
TAACAGAAGTACTCGATACTGTTTTCTCCCTGTGTGTGAACATAATGAATCATAGATTATGTGACTTGT  
ATGTATTCTATTAAACACTAAAGATAAAACATTCACTCCTTTAGT  
>GBEQ3007 |Acc|CD468806|Ver|CD468806.1 GI:31390074|LeukoS3\_7\_B08.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_B08\_A025 3', mRNA  
sequence.:Start:1:Stop:674  
CAGGGGAAAGCAAGAGGCTTCATTAGAGACAAGAGGAGATGAACGTCTGCTGACACTTAACATTTGGCA  
TCCTCTGTCCAGACCTGGAGGCTGAGGATGTAATTACTAAATGAATACTCCTGTTTGTGAAGAGGAAAAA  
GAACCTCAGACTCCCAATTAGGAAATGGATTATCCAACCTGTAATTAACCTAGGGCAATGGCCACCTC  
TTCCCTCCCTCCCTGTTATGATGTGCCCTCTGAACCCAGCCGAATGCAGTAGGACTGGTCTAGCAGAA  
AGGAAGAACGGAGGAACATGCCAGGAAAGAATACAGCGCCCCAGGATAAATGTGTGTTTTCTACTGTTT  
TGATCATCTGCCCCCTTTCTATTCCTCTTAGACAATCAAAAGTTCGACTCTACTTCCGCCCCCATGATA  
CATGGGAAGAAATGAGGCTCAGAGAACTGTGACATCCTCCTCCTACCCTTTTCAGAACAACCTGGAAGAAAGA  
ATGAGTGTGTCTACAACCTCTGAATGCTTTTGAGAAAGATTTTGGGATGACTAAGAGGAAATGATAATCGC  
TTTAATTTTTCAGAGTGAATGGTAAGGGAGAAGGTGTTAGGAACCCATTTTTTCCCTGAAAAAAGAGA



GAGAATCTGGAAAAACCAACCCCAAAATATTAAAAAATATATATA

>GBEQ3008 |Acc|CD468788|Ver|CD468788.1 GI:31390056|LeukoS3\_7\_F06.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_F06\_A025 3', mRNA sequence.:Start:1:Stop:621

GGAGGTCCCTGAAAGCAAGGGCCAGGAAACCTGCTGTTATTCTTGCCCCAGGGTTGAGGGGGCGCTGGC  
AGGAGCCCCAGCCCTCCAGTGCCCTGGCTGAGTATGCCACCCGTGCCCGCCTTGCCATGAAGAGCT  
GGGAGAGGCCTGCAGGGTGGGGGGAGGGGGGCACAACCTCAGGAAAGGAAGTGTGAACCCCTGGGGCCGGC  
AGCCCCCTTCCCTCCTTGTACACAAACCACCTCGGTTTATGGGTCTCAGCCCCGGGGCCCCACCCACCCA  
TCATTTATTCCACAAGCAATAATAGCTAATATTTATTGCACTGTGCCAAGCATCTAACTTGGACTGTCTC  
CTGTGTTTCTCACAGCAATATTTATTATCTGCTCTTCTGTGCCAGGCACTGTGCCCCAGGGTGGGGGTA  
GTGTGCACCCTCCCTGGTGGAGCGCGTGGTCCGCATATGAGGCTGAGCCAAGCCACCCCTAGTGCCGGC  
GGGGCTGGGGAAGAGTACAGTGGAGGCCATACCGTGTGTGCAAGTGTGTAAAGTTATAGATCGAGCT  
AACAAATGTTCAATGAAATATGTTCTATTCTCCTACCTTGGTAAATAAACCTTCACACTGAC

>GBEQ3009 |Acc|CD468784|Ver|CD468784.1 GI:31390052|LeukoS3\_7\_E10.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E10\_A025 3', mRNA sequence.:Start:1:Stop:568

CCCCGGCCCGCTCGAAGCAGAACGTGGGAAGTTAACTGCTGCGACACCGCGCCACCCCTGTGTGTTGTCT  
CTTTCACTTCTTTGCTTAAAGCCATGCCAGAGCTCCCCCTTGCCTTTAAAGAGGAAAGCTAAAGCCCTTGG  
AACCTTCTACTAGGCGCTACATGATCTTGCTCCTCACTGCCCTCTCTGACCTCATCTCCTGCTCTTCTTG  
CTTCTTGAACACACCAATTCTACTTCTGCTAGGGCTTATATTATTTCTGTTTCTGGAAGGTTCTTTT  
TTACAGATATCCACATCAGACTTCATTATGATCTTTTCTCAAATGTCACCTTATCCATGAGGGCTCCCTG  
ATCCTTCAATATAACCCCACTCTCCACCATCCCCTAATCCCTTTGTTTAAATTAACAATTATTTAAGAAA  
CAATCTTTTGTGTAGTTGTTTATTGTGCATCTCCTCCTCCCATGAGAATGTGAGCTACGGGAGAGCAAGG  
CCTGTGTCTATTTTGTCTACTACCATATCTCTGAGTCTGGGTCACTGTCTGGCACGTGATAAAGCAGTCA  
ATAAATAT

>GBEQ3010 |Acc|CD468774|Ver|CD468774.1 GI:31390042|LeukoS3\_7\_E09.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_7\_E09\_A025 3', mRNA sequence.:Start:1:Stop:619

TTTAACTGCAGTGTAAATTGCTGCAGTTTCTGTAAATACTTGTGAATAAAAGACATGGAATTTCTTTTCG  
ATTAGCTCTGAACCAAGAGCAGAAGGATTGTACCAAGCCCAAACCTCTCCNACCACCATCCCTTCTCTGT  
TCCACCTCTCCTCTTCTCCCAACATAAGGCTCAGACGCCAGGACTGGATGTTTCTGCAGTGGTCTGTGGG  
CTTTGCCCTGGCTGTCACTGGAAATACCAATTAGCCAGAGACTGGAGCGTCTGACTCACCAAGACCAGA  
CTGGGGGGGAATAAAATGCCTCTACTTTGTTGGAAGGCGAGGCGGTGCTTTTACTTGAAGGAATTTCCCGC  
AAGGACTTCTGGGGTCTTCCGTGGTGTGCTGCTTATGAAGCTTGTAGGCCTCTGTACAAGCCTTCCAGA  
GAAGCCTCTGGATGGTACCAGAGGCTGCAGACGATCAGGAATCAAGACAGGAAGGCACACATCACCCAG  
ACCTCCCTCTACCAGCACTCTCTCCTAAGGACTCAAAGACCAATATTCAAATGTGTAATTTGTGTAAT  
TAAAGGATTCTCCCCAAATGCCATGTTCTTCCATTTGATATTTGTTTAAATAAGTCTT

>GBEQ3011 |Acc|CD468596|Ver|CD468596.1 GI:31389864|LeukoS3\_4\_G02.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G02\_A025 3', mRNA sequence.:Start:1:Stop:335

TCCTCCACACTCAGGACCGTGTGTGACAGGTGAGCCCNCTCAGGNACCCTCCCCACCCCACTCGAACCCCT  
GAAAGGCCTTCACTGCCCCCTGTGGTGTGCTGCCCTCCTGGTTCCGGCCAACCAGGGAAATGCCACATCAG  
CTCCTCCGCTGCCTTGAGGCCTGGGAGGGCTGGACATTTGGACCTGACGCAGCTGTGGAGAGGCCCCGGC  
GCCGGGGCCAGCCTCGAATGGACAGATGCCAGGACAAAGAAGAGGCGGGAAGGAGGGTAGATGGAAGG  
GAATGGGGGGGGTGTGTGCCAGGGACCCCAACACTAATAAAGAATGGACTCGAAA

>GBEQ3012 |Acc|CD468545|Ver|CD468545.1 GI:31389813|LeukoS3\_4\_G12.b1\_A025 Stimulated peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_G12\_A025 3', mRNA sequence.:Start:1:Stop:704

AAGAAGAAACAGATCAGGCTCCACGGAAGCCCCCAACCCAGAGTGGCCGGCCCCGAGCACCGCCAGTG  
GCCAGGAGCAGCCTCCTGCTGAATCCATCTACACAGCCCTGCAGCGCAGAGAAACCGAGGTCTACTCCTG  
CATCCAGAACGAGGCCAACAGCCTTCCCTTCAACCGGGGCATCTCTCCAGGAGAACTGCACAGATT  
AAGGATGACAGTGAATTTAATATGGTCTATGAAAATCTCTAGGATGAGCTCCCCCGCCACAGGTCTTG  
CCCCGGATCAGAGGCCCCGGGGCAGCCCTCCCTCCAGAGGACCTGCTCTGTACCAGGAGTGAGGCCCCC  
GGGGCGCCCCCATCACTCACCCCTACAGTCAAGGCCCTTCTGCTTGGCCTGCCCTCCACCTCTTACTCT  
GTGCCCCAGCCATACCCCACTAGTGTTCACATCTCCAGGCCCTTGGCCCAAGCTCTTACCTCTGCCAGGT  
GGGCCCTTCTCAGTCTTCAGGGGCTCTCTTGGACACCACCCACTCCCCAAGGCCTCCTCACCTCTCGA  
GACCAAGGGCTCTCTTGGCGCCAGCCTGCACCACAGCTGCAAGGCTGACTGTGGGTTCTCTCCAGAGGGA

CCTGGCAAGGGACCCCTTGTCTCAGAGCTGTGTGCAGAGCATGGCGGAGTGGAGAATAAAGGAGTAACCTGAA  
AAAA  
>GBEQ3013 |Acc|CD468537|Ver|CD468537.1 GI:31389805|LeukoS3\_4\_E07.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_4\_E07\_A025 3', mRNA  
sequence.:Start:1:Stop:581  
AGATTACAAATTTGTTCTCACCACCTCCCTTTTGGATTTCATTAAGAAAGAAAACTCCTGGTCAGAGAT  
AAAGTATAAATCAGAGATGTAAATGGCTAGTTGTCTATAGCATTAAATGAAGGGAAAACTGATAATTAGG  
CAGTTAATTTGGTCAATTAACAACCATGTCTGCATATAGGGGAGCCTGGCTTATTTGATTGATTTCCCTA  
GTAGTCTTTGACTCTCCCTTCATCTCTGGTTTCCATGTGAATTTGCTTTAGAAAACCCAAGTATGGGCTGT  
TTCCCGTGTTCAGACTTGTGTTTTCATAGCATTATGGCGGGGCTGCAAGGCTTGGAAGTGACCAGGAAG  
ACAGTGAGAACGCGTGGTTGGACAACCTGAAATGATGCAGATCAGATGGCGTTTCTCCAGCTCAGTGGAT  
TTTCTTTGGGGTTATTCTTAAAAATATCCATCACTACACTGGAAGTCCCTGTTCTGACTATGTACTGTCC  
ACCTGCATTACAAACATTTTGCAGAGCTGCTAAGTATATACATATCCGATGTGTGTTACAATCTTGTATT  
TAATTAATGCTATGAANCTG  
>GBEQ3014 |Acc|CD468425|Ver|CD468425.1 GI:31389693|LeukoS3\_3\_F12.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_F12\_A025 3', mRNA  
sequence.:Start:1:Stop:756  
TTGAACAACTCCTGACCATCGAGACCCCTATGAATCCCCAACATTCAACTGTGACCGGTTGCAGCTTCCG  
GACAGAGGTGAGGAACCCCTCAGCCCATCCATTCTCATGTCCCTCCTGGAGACTGGCAGTGTCCAGCGAA  
AGCATTGATTGGGAAAAGGAGGACAGCACGAATTCCTGTGCGGATCACCACCACAGTCTCAATGACAGG  
AGGAACAGAAGAACCTGCTGCCCTGGCATCTTTCTGCAGAGAATCAAGTCCGGCTGAACATGGCTGGCCTG  
ATTCTCTTGGTCTGGGGGTGCTCTTGGCTGAGGCTGGTACAGCTGGAAGATGCCCTTAAGTGGACACA  
GAAAGCCCCACACCTGAGTGTAAATGACAGCACTGATGTCTTCTATTGACATCTAATGACTGTGTGGACC  
CTGGGGGAGCAGCCAGAGGAGATAGTGCCTGGCCATGTCTACTGAGATAATGAAGAAGATTTCGTTT  
CCTGTTGAAGCTGTAACAACCTACCCACAGACACTTCGTTTAAAGCAACACCAATTCAATCTCTTTTCGT  
TCTAGAGAGCAGGAGTCTAAAGGTGTCCGCAGGCTGCGTTCCTCTTTTAGGTTGTGGTCTGTGTTCTCT  
GACTTATTGTAGTTGAGGGGAGAAAACCTGGTCTAGGAATAGAAATGCTGATTTTTTCAATAGCGTCTCTT  
TACTTTTACTTTTAAAGGATATACAAAGCAAATGTAAAGTATGAACGTTAAAAAAA  
>GBEQ3015 |Acc|CD468411|Ver|CD468411.1 GI:31389679|LeukoS3\_3\_E06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_3\_E06\_A025 3', mRNA  
sequence.:Start:1:Stop:495  
CAGTCAGTTGCTCACAAGTCAGTGGAACCAAGTAGAAAAGCTGCTAGAAAAGCTAATAAATTATAGAC  
TGTTTGAACAGTTGTGTCCAGATTGAGGGAGATAATAGCCCTCCACCATTTTCCATGCAGATCATACCC  
CCCCAAGTAGCTCTTTAATCAGTAGGTACAAAAATCCATTATCATTATAGTATATGCTTAAAAATATTTT  
TATGCACCTTAGAAATCTAAAATTTAGATATAGCTTAAAGCAAAATAAACTTTGGCTTTTTTAAAGATTA  
AAGTAGGTTAGTCTTTTTTTTAAAAAAAAGTAGAAAAGTATAGTGGCTTGAAATATAGAGTTATGTGT  
CATTTCAAGTATTTTAAATGCCCCCTTAGTGAAATTACATATTTTATGTAGATTTATTTGAGTACTATTGA  
ATGTATTTCTTTATTACAATATTACTGGAATCCTTTACACTGTTACCTGCTTAGGAATAAATAATTCTAA  
AAGAA  
>GBEQ3016 |Acc|CD468257|Ver|CD468257.1 GI:31389525|LeukoS3\_2\_G11.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_G11\_A025 3', mRNA  
sequence.:Start:1:Stop:448  
TCCTCCAAAATGCAGCTTGAATCTTCCCTTTTGAAAGAAGCTTTTCTAGCTTTCCAGTAGTAAGGATGG  
TCTTTTCTTGGGTTCCCATAAAATGACATTTGAACTCTGACTATATAGTTTTCACCTCTGGGATGTCTC  
CATTTATTTATGGTATCAGTCTTCCCACTAACTATGAGTTTTTGGAGAGCAAGAACTTTATTTTACG  
TGATTAATATGACTTAACCCACGGAAAGTGCTTAAATAGCTCTTGGCACATAGTAAAGTTTCAACAAA  
TGCCACTACTTTTTTCCCAAGTTTGGAGTGAAGGTACATGCCCTTTTGGACCTCAGTTTTTTCACGT  
GTAAAAATGGGGATGGTGGGGTTATTTCTTAGGCTTGTGAGAGGATTAAATGAGATAACGCCCATTTAGTG  
CTGAACAGAGTGTTAATAATAATACTT  
>GBEQ3017 |Acc|CD468242|Ver|CD468242.1 GI:31389510|LeukoS3\_2\_F09.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_2\_F09\_A025 3', mRNA  
sequence.:Start:1:Stop:608  
ACTAGATATTACCAAGTTTTTGTAAATTGATAAAAAACATCTGAGATTGAAAATCTTAATTTTTTGTGTC  
CATTTTCGTGTGTGTGTGAATGTGAGAGAAAGAGAGAATCAATTTCTTATTAATACTCTTTGCTCATTTTT  
AAATTAAGATGTCCATTCTTTTGTATTTGTAAGAATCTTTATATGTTGGGAGTTTCAATCTATTGTTG  
CCGTATATGCTTCAGATAATTCTTCTTCATCTTTTAACTTTAAGGTTTCAGAAGTTTGGTGTATATAGT  
TAAAGTTACTTTCTTTCTCTATCTCAGGGATCATGGTTAGAAAGTCTTCTCCATTCCAAGATAAG

ATGAGGTTTTTATGTTATATGGGTTAGAGTACATGGAATTGTGTGTATATGCTCCACAGAATGTTTTTCAG  
TTGTTCTAACTTTCTTAAAAATTCCTTATTTAAGTACCATAAACTATCGTTCTAGTTAGGATGGCATGCA  
CCTATGGGAGGGACATATCAGTTTTTTAATTTTTTAAATATTTTAAATTTATTAATAATAATTTCCAGCATT  
GTATGACTGTTTCTCATTGTAAAAATATTTAAACAGAAAAGAAGTATC  
>GBEQ3018 |Acc|CD468123|Ver|CD468123.1 GI:31389391|LeukoS3\_1\_D02.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_D02\_A025 3', mRNA  
sequence.:Start:1:Stop:135  
AGTCTCCAGAGCTTGTTTTGGGCCCTCCCACCTGTTTTGGCTCCTTTGCTCCCAGCTCGGTGTACCTT  
TTTTTATTTTGGGGGATCCTCCCTCCCTAATTAAAGTTTTTTTTTGGCCCTTTGGGGCTGCCTG  
>GBEQ3019 |Acc|CD468122|Ver|CD468122.1 GI:31389390|LeukoS3\_1\_E04.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E04\_A025 3', mRNA  
sequence.:Start:1:Stop:620  
GTTTCATGCTGTTTGCATCCTTGCTGTGTGCTGGACAGCGTGCTCAGTGCCTTACCCAGATCGTTTCAGTT  
TTTTCTTACAGTACCCCAATACATGGGTACCACGATTATCCCTGTTCTACTAATGAAGATGTAAGGCCAA  
GCAAGGACCAGTATGTGCTCAAGCTCCCACAGCTCGCAACTGGCAGGATCAGGATTTAAAGCCGGCATTTC  
GGACACGCCACCTCCACCTCTCCTGCCCTCCCGTGGGTCCAGGCACATCCATGAATACTGCCAGGGTCTG  
TGCTCTGAACAAGGGCCAGGGCCCTTTATGTCTTTGTTAAACCATTATCATATTTGAAGAAGAACCAGTT  
GGCGTTTAGGGAGGTAGAAAACCGTAATGTTTACTTTTTAAATCAAATTAAATTAGCCCATCGCCAGAGA  
CTTGAGGCATTGATTGTTTCCCAGAGCAGCTCACAGAAGGCTGGAATTACTGAATGTGGCGGCCCTTTTCAG  
CTCTCAGGGAGAAGGTTTTGGTTTGAACCTCCCTGTAACGCAGGTAGAGCCGAGGTATTTCAGAATAGAGT  
CCCTCTGCTCAGCATCGCGTGGCATGAGAGCCATAAATAAATTTGACTGCAGAGCAGTTC  
>GBEQ3020 |Acc|CD468121|Ver|CD468121.1 GI:31389389|LeukoS3\_1\_F06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_F06\_A025 3', mRNA  
sequence.:Start:1:Stop:625  
CCGGGGGTGGGCGTGATGGGCCAGTCAGACTAAGCTGGGAGGGAAGGGGAAAGAGGCGAGGAGGAAAGAA  
AGTGGCCACATTTGAGTCAGCGAAAATCATCTTGAAGGACTACCTTGAGGCAAACGATTCCTCTGGTATTG  
CCATGGGGCAATGGTATAGTGCACATTTTCCCTGCCAGGGTATACAAAATCACTTACATCATGCCGCCAAC  
GAAAAGCAAGACTGGAAGAGAAGAGAGTAAGAAAAGCGATAGCTACAATATAGAAAATCCAAAGCAGAAGG  
TTAAACAAAGAAAACCTCAGAACAAATAAGCCACAACCGACTCTAGATGTCAGTGTGTGCCAAATAGCA  
CCAGGGTAGGAGTGGGCAAGGCACCGTCCCTTGAGGGCGCCTCTGCAATACTGATTTTTTAACCGTTTAGG  
AGGGAACACATCAGATACCCAGGCTGAGCACAGCAAAAGATGTTTATGGAATTCATTACCATCTTACTAAGAA  
AACATGTTATGGATTGTTCTTTGAAAGCTACTTTGGCGTAAAAGAATCTATTTAACTACCCACAAGTAT  
GTGTTCTGTTATTAAACATGAATTACAACCTATTATGTTATTTTCATTAAAGTGTTCCTTTTAAACG  
>GBEQ3021 |Acc|CD468091|Ver|CD468091.1 GI:31389359|LeukoS3\_1\_E06.b1\_A025 Stimulated  
peripheral blood leukocytes S3 Equus caballus cDNA clone LeukoS3\_1\_E06\_A025 3', mRNA  
sequence.:Start:1:Stop:550  
GTAGAAGCCTTGATTTGAACTGGGCACAGAGCCTCACAGAATATAGTCTACTTGTCTATGCCTCAACTT  
GTAGCTAGATGTGCTCATGTGTCTAAGTCCCTGGTCGATAAGATGTCAGCAGCAGTATCATTGGTAGCTG  
CTGACAACCTTTCTTAAAGGCAGCTGTTTTTGGCTCTTCAACCTTCCTAAATCTTGCTGACTAGAATG  
TGGTTGTGGTGGCTGGTGTCTAGCTGCCATTTTGAAGTGTGAGGATAAGGGCCACACTGTAGGGATAGC  
TGAGTGGTGAGCAGAAAGGAGCTGTGTTGGGTGAGGACATTAAGGAGCTTGCAGTCACCATACCAGCTCT  
AGACTACCTACCTCTGGACTTGTATGTCAGGGAAGAAAATGTAGGGTTTATATTTCTTTTCAGCCTAACCT  
GAATGCCTAACCTAACCTTAACCTAAAGGTTAGCCTAACCTAACCTTTTCAGTCCAACCTGATACACTGTTG  
TTTGATTAAGATGTTTAAATGTTTATGCAAGTTATAAGTTTAAATAAAAAATTGTCTAG  
>GBEQ3022 |Acc|CD467984|Ver|CD467984.1 GI:31389252|LeukoS1\_8\_G12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G12\_A023 3', mRNA  
sequence.:Start:1:Stop:655  
TGTGCACCAGGCGTTAGTGACACAAAACACTGCCAGTGCTCACTCAGCGTTCCTCACCCACGTGCTGGGC  
CACAGAGATGAACATGACGAGTCCTTTTCATTTCTCATGCAGCAGGCATTGATTGAAGGCTACTGTGTA  
CCAGACCTCATGGACCCCACTGGGGTTGGAGAAAAGCTGACTGAGTTCTGTTCTCCCTCGTTCCCCAGT  
CACCTGAGCTGTGTGCAGACAAACATCTTGCCACCACCCAGGAGGGGGGTGACTTCCCTCGCCAGGGGCAG  
TGGTGGGTCCCAGCGACCACACGGCCTCATGCGAGCCCCCTGGACCCAGCCCCCTGGAGGGGGCGAGGG  
ATGAAGATGGGGGCTGGGGTCCCGTCCCCACTCCGACCGTGGGCTTGAATTTCCCGGCTGCGTCTCAGC  
TGTGCTCTGGGGCTGCTCAGGGGCTCCTCTGTCCGAGCCTGTGGCGGCCCTCACGTGTCCCGGCCGCCCAT  
GGCCTCGGCAGTGTCCCCAGCACAGGCCGAGACTTGCTGTGCCTTCAGCGGGATGAATGTCGGAGCCG  
GCCGGCCGGGCTTCGCTCTTTTAAAGGTCAGTCTCGCCGACCGGGTCTAGATGACTCGCCTATTTTTT  
TTATTAAATGTTTCTGGTTAATTTG

>GBEQ3023 |Acc|CD467970|Ver|CD467970.1 GI:31389238|LeukoS1\_8\_A07.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_A07\_A023 3', mRNA sequence.:Start:1:Stop:151  
ATCATTTATTTTCCCTTTTAAATTTTTTTTTTTTCCGCTCTTGCCAAATGCTTTGGCTCCAAGTTTCTAT  
GGGTATTTATTGTTAAAAAGGGAATATTTATTTATTTTAGCGGTGAGGGTTAAATAAATGCCGAAGA  
TTAGTCCCCCG

>GBEQ3024 |Acc|CD467964|Ver|CD467964.1 GI:31389232|LeukoS1\_8\_C07.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C07\_A023 3', mRNA sequence.:Start:1:Stop:654  
AAAGCTTAAAAATAGATGAAGCAAAACCAGAAAAAAGTCAAGGTGAATAAAACAAATTGACAACAAGAG  
TCAAAGATTTCAACTACTGATGGAACAACCTAAGACAGAAAAATCAGTAAGGATATAGAAAAGTTGAACAGCA  
CTATCAACCAACTTGACCTAATTTGACATTTTATGGAACATTACGCTTACAGCAGAATACACGTTATTTTC  
AAGTGCATATGGAACATTTACTAAGATCGTATTCGGGTACATAAAACAAAAGTCAATGAAATGAAAAGGA  
TTCAAATTATACAGAATATAATTTCTGGTCACAGTGGAATCAAATTAGAAATCAATTTTAAAAAGATCTC  
TGGAAGCCACCAAATGTTTAGAACTAAATAACATACTTCTAAATAACCCATGGGTCAAAGAAAGCAAA  
AGGGGATTAGAAAGTATTTCTAACTGAATGAAAACAAAAGCCCAACATATCAAAAATTTGTGGTACTCAG  
CGAGAAATATAGGGTATGAAACATCTATATCAGAAAAGAAAAAGGCTCTCAAATGAATGACCTCAGCTT  
CCACCTTAAGAAATCAAAACAGAGAGCAATAAACTCAAAGTAAGTAGAATAAGGGATATAATCAAAAC  
AGAGAGTGAGGTAAAAGAGAAAAAC

>GBEQ3025 |Acc|CD467954|Ver|CD467954.1 GI:31389222|LeukoS1\_8\_G07.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_G07\_A023 3', mRNA sequence.:Start:1:Stop:661  
GCTGGGAGTCTTGAGTCTGACGATGGGTGGCGTATGGAATTGTTGAGTATCTGGAGTCCAAGAACCTGGCC  
CAGCCACTGGCTATGGAAAGAGACAAAGCCAGCAGAGGAAGGAGAAATACAGACAAAACCTGTGAAAGCAAC  
CCCCCATGGGAGGTGAACCTCAGAGGGCAGCAGCAAGAGAGTCTTGTGTTGAAGGTGCCTCAGAGTTTGTGG  
TTGATTTCTTCACAACATATTTAGCAATGGATGGCCATTCTGAAGACAGAAAAAGGTTTCATTTTTTAAATG  
TATTTTTTTAATTCGATCAAATTTTCAGTCCACTATCTCATCAGTAGACATTAAGAGTATCCGTGAAGGA  
ATCAGTTAATTTTCAGATACAAAAGAAAAAGTTTAGGGTCCAATCAGCCAATTGGAACCTGCTTAGGATC  
ACAGAAACAATGACTTACACTTTTCTTTGTGGTTGTCATGGTGGTTGTTTTTAAGAATTGGGAGCCTGCT  
TAAATAATGCAGCCCAACACCATATTTTACAAATGGGTAAACTGATGTCCAGGCAGGTGAGCTGACTA  
CCCCCAGAGTCTGTAAAGTGACAAAGCCAGACTAGGGTTCGTCACGCTTAAATGTAGAGAATGTGAGT  
TTCTAAATAAATGCAATTTATTTGTTGACTT

>GBEQ3026 |Acc|CD467944|Ver|CD467944.1 GI:31389212|LeukoS1\_8\_C02.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_8\_C02\_A023 3', mRNA sequence.:Start:1:Stop:481  
CTCCTGGGGGAGATGTGGGGATGAGACACTAACACTCTTTAGAATTTAGGACAAGACATGATTGAATAG  
AGAGACATGCTTAACAAACCTTGCTTCAGTTTGGGTAAAGTATAAATCCTAAGAGTGCTTGTACTTGCA  
GGGAGAAAAATGAGTCCAGAGATAGAAATGCTGATTTTTTCCCAATAGTATCCCTTTTTTTCTTTAAAG  
ATTCTAGAAAGCAAATGGAAAAGTATGAACATTTATTTAGTTGGTTTGTTCAGGATTGAAGTCACATG  
GCTATTTGTGATGTTAGCCATTGGTCTGTTTGGGGTTTATTTTTTGTGTTTTTCTGAAAAGGAACATCTTT  
AGAAGCATAGGAGTAAACAAACAGACTCAGAGAATGGTTAACTCTGACTCCCGATACAGTTGCACTGACG  
AATCATTTCTGGAACCTCGTAGGTCCAATCTACTGAAGTAACATAATAAATCCTCAGCCTT

>GBEQ3027 |Acc|CD467852|Ver|CD467852.1 GI:31389120|LeukoS1\_7\_E12.b1\_A023 Stimulated peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E12\_A023 3', mRNA sequence.:Start:1:Stop:719  
GTGTCCAGTTGAACACACTGATTTGGCCGCGAGGGAGGTGTGGCAGTCCATCCTGGGGACCAACCTCAGCAT  
CACCCGCGCCGTCAAGACAACCAACCTGGGCCCTACCACCACTGCTGCCACCACCACTGCCACCACGACC  
ACAGTCGATGCAGGACTCAGGGGGCAAGAGGAACCTCAGAGTCTCAGTCCCCGAGTCTGGAACCTGTGG  
TTGGGGTGGCACTGGCCAGTGTGCTGCTGAAAATCACAATTTTGGGACTGATGGTCTACCTCAGGTGGAA  
GAGAAGGAAAGGTCTGCGGACTAAAGCCAGAACCCAGACAGGCACCCCTCTGTTCCCATGCAGGGGATC  
CTTCCAGAACACTGAGGAGAAGTATGAGAATATTGGGAATACAGGATGACATCATCTCTACGCTCTCCCT  
TGCCCTCTCCAGTACCTCACCAGCAGACCTCCCTGCCCTCTCCCATGGGAGCCCCCAGGAAGAG  
ACCCTATACTCTACCTTGAAGGTCTAAGGAGTGGACTGAGTGACAAGCTCCTTAGAGTAAGCTCTGCAGA  
GGGTCTCAGCTTCCAAAAATACCCCTGGCCATACACAGACTCAGAAGCCAGCAGGTGTTGAAGGCCACC  
AGGGACCTGAGACAGACCATCTGCTCCAGTTCCTCTTCAACTTCCTAGCCTTACCCACCAAAATAAAA  
GTACCCAGAGAATTTGCCG

>GBEQ3028 |Acc|CD467846|Ver|CD467846.1 GI:31389114|LeukoS1\_7\_A08.b1\_A023 Stimulated

1078

CTGGTCAGTTGAACTTACTATCAATGTTTTTTTGCCTTGGTCAACTGAAATTAATATATCTATAACTATT  
CTTTTAGGTTGAGAGTTCTGTGATATTTTTCACCTTTAAATTTCAACATTTCTCTGTCCCTTACATTAA  
AATTTTT

>GBEQ3033 |Acc|CD467788|Ver|CD467788.1 GI:31389056|LeukoS1\_7\_E09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_7\_E09\_A023 3', mRNA  
sequence.:Start:1:Stop:380  
AGGCCTCCGCTCAGGTGGTCCCTTAAGACGCCAAGGATGCTTGTGAGTTGCATCATAGAAGGGAAGGCAC  
ACTGCCCATTTACAAGAGCAGAAGAGTAGATGTCTAGATGCCCTTGCACTATTTTTTGGCCAAGTTTCAT  
CATACTCCTTTTTTTTTTTCATGGTTTTTCCCTCTAACCTTTTCCCTGGGACTCAAGGTGCTGTAATTTCCCA  
AGAACTTTCATACCTTTCAGAAATTTTCCCCCTGACTGCCTGATTATTTTTTTTTTCTCAATTGTTATTT  
ACTATGGGATCCCTGGGATATTTCCCCCAGTTACCTAATTTTTAGGGACCCTGATCCAATGTTTCCATGG  
AAGCAATAAATTTTCCCTTATGAGTTCTTT

>GBEQ3034 |Acc|CD467685|Ver|CD467685.1 GI:31388953|LeukoS1\_6\_G11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G11\_A023 3', mRNA  
sequence.:Start:1:Stop:618  
TCCCTCAAACATAACAAAGTAGAGGGGCGAGGCCCGGTGGCGCAGCAGTTAAACGCACGTTCCGCTTTGGC  
CACACAGGGATCACCAGTTCCGATCCCGGTGTGGACGTGGCCCTGCTTGGCGGGCCATGCTGTGGTGGG  
CGTCCACATAGAAATTGGAGGAAGGTTGGCATGGATGTGAGCTCAGGCCAGCCTTCCCTCAGCATGGTGT  
CATTTATATGTGAAACCTGAGGAAAAAATCCCCCGCAGTCGAGCTCAGATACAGAGAACAGATTGGT  
GGGTGCCAAAAGTGGGGGTGAGGTGAGTGAAATGAATGGGGGCCAAAAGGTACAAACTTCCAGTTATA  
AAATAAGTCTGGGGTTGTTATGTAAACCGGGTGACTTTAGTTGATAACATTGTCTTGTATATTTGAAA  
GTTGCTAAGAGACTAAATTTTAAAAGTTTTCATCCCAAGAAAAAAGTTGTAAATATGTGGTAATGGATG  
TTAACTGGACTTATTGTGGTGGTCATTTTGAATATATGCAGATATCAAATCATTATGTTGTTTCATCTGA  
AACTAATACAAATGTTATATGTCAATTATATTTCAATAAAACTGGGAAAAATGAGAGTG

>GBEQ3035 |Acc|CD467650|Ver|CD467650.1 GI:31388918|LeukoS1\_6\_G06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_G06\_A023 3', mRNA  
sequence.:Start:1:Stop:761  
GAGAGCTAGAATGGCTAGGAGGGTTTAATTGTCATCATAAAACCATCAAAAGTATCCCATTCCCTATGCTG  
TTAGGGGTCTGTGGAAGCCTTTCTCATCCCATTTCTGTTGTAGGAAATCTAGTCTTTTGGCCAGTTGTTT  
AAGAACAATAATTTAAATTTATTTCCCAAGGGGAATAGTTTTCTATTGAAAATTGCTCTTTTGTAAAGTA  
ATCCTCCATGTAGTTTTGCTTCTGGTGGTGTACCCCAATGGTCTTTAATTGTTTATGGTCACATGTAACA  
CTGGGTAATCACCATTTTGTCTTTTTTAAAAAATATTACTTGATCGCTAATTGAGAATTGCTTTATAATGA  
GAAAGAAATAGTCGCGCATCTGAATTTTCTGTCTAGGGAGAAACACAAAGACTTGATGTGAAATGTTGTCC  
TCAAACCTAGAAATGTGATTGTCTAATTTCTCAAATGGACAAATTAGGGCCAAGCTGATAAAGTCCAC  
GAAGGGAGGAGGTACAGATGGTTCTGGCCGGGCGCTTGGTCAGGTGCTGCCTTCGTGGGTAGAGACAAG  
TGCTTTCCAGATCAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGT  
AACACTTGTTTTTGAGTTATTGTATCCCATTTGATGTTTTGCTTTTCTTTAAAAAATGTACAGTCCCAA  
CAGAAGCTTTGTATTGAGTTTTTTCAATAAAGGGAAAAACCATACCTCAATACAGTGACTC

>GBEQ3036 |Acc|CD467644|Ver|CD467644.1 GI:31388912|LeukoS1\_6\_H04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_6\_H04\_A023 3', mRNA  
sequence.:Start:1:Stop:637  
GAAATTAATGATGCAGACAACTTGGTGTGGTCATTGAACAGCGCTCTGCAGTATTTTTTCTGTTACCAT  
AAATTGTATTTAAGTGCTTGCTCTCCACTGCTTTTAAAGTTGTACCAATAAAACCGGTAAACCTCAGCCCT  
CCCTTCCCATTTGACACTCCATAGCTTAGATTGATGTAGTTGTTTTAGTTATCCCTGTAATGTGACTTTT  
GTTTTTAAGTCATGGTGTACTGCATTTGTTTGTCACTAGTTGGGCATGTGCCAATAATATTTGTCCATT  
CCTTAACCTGCCATTTCTGTTTTGCTTGATTTTTCTTTTCAACTGAATAATGGCTTTTTGTCATGAAAAAA  
ATAGTTTTTTCTATTAGACATGTAAAGAGAAGAGAAAGCGAATGTATTAGACTTTGTAAGCCTAAAAGGA  
ATATTTGGATCCCTTTAATAAAGGGCTATGTACTATATAGAGTAATCATGTGGTGAAAGATAGTCA  
AGTCATAGATTTGTAGGCAGGAGGATATGTTACTCCCTGTATTTAGGCTGAATGTAAAATCCCTTATGTT  
GTACTAACGGGGGTAATAACTATTTTTTATTTGCCTATGATATACTTGGTTTTTAATAAAGTATCCTAGGC  
TGTAGTG

>GBEQ3037 |Acc|CD467546|Ver|CD467546.1 GI:31388814|LeukoS1\_5\_H03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_H03\_A023 3', mRNA  
sequence.:Start:1:Stop:461  
ACTGTGACCTTGCATTACGTGCAACATGGGATCATTGAGAATTGCACACCAACTAACGACGCTAAATG  
CAGAGAAGGATCCGGATCTAACTTAACTAGGTTGTTTTGCCTCCTGTTCCGTACTGATTGCAGTATTT  
TTACTAAAACGTTACGGGTTGAAAAGAAGGTGCAGGAATGAAGAGGATGATTACCGTGTATGTGGAGACT



CAAATACTGAAATGGAGCAAAGGAATCTCCAGACATTGACTTGAGTAAACATATTAGTAGTATTGCTGA  
ACAAATGGAACCTGAATCAAGTTAAAGAATTTGCTCGGAAGAATGGTATCGAAGAAGCCAAAATTGATGAG  
ATTGAGAATGACAATCCCAACAACACTGCTGAGAAGAAAGTCCAGTTGCTCCGTTGTTGGTATCAACGTC  
ATGGGAAGAAAGGTGCATATGACACTTTGATTAAAGCCTC  
>GBEQ3038 |Acc|CD467537|Ver|CD467537.1 GI:31388805|LeukoS1\_5\_B09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_B09\_A023 3', mRNA  
sequence.:Start:1:Stop:686  
GCTTCACCTTGGCAGGTGGGGTGCTTTGTGGGGGCTGAGCTACTACTTGGTGTGGAAAGTTTGAGAGGCCA  
TGGCCATGTTGGTAAGTGGGTCTCTGCAGGATGAGTTACCACTCAGAAAGCATCTGTGTGTGGGCCAG  
GCTGCCCCACCTCCACTCACAGTCACACTGGCTGCTGTGTGAGGATCCACGACCTAGAGTGCTGCTGCT  
GAGGAGGGGGAGGAGTCTGCTCACCTAGTTCCATGGCTTCTGGGGATCCAGTCCACCCACCTTCAGATG  
TATAGCTGCATGGATCTCTTAGGCATTTTGTGTGTGTGTGTGTGTAGGGAATCTTCTGTTGTTTAAATGA  
ACGCACATTTAGTTGTAACCTAGAAGAGAGAGGAAAAAGGAACAACCTCAGTCCACTATGACATCACTCTG  
TGATGGATTGGTCTGAAATTTCACTTTCTTGGATTGAATGCACTGACTCTGGCTTAGGTTTTGGTTTGC  
TTATGTAGGCTACCAAGGCATCAGAGCCCCCTTAACCTAATGGCCTCCTTTTAAATTATTTTAAACAGGC  
TTCAAGACTGCAGTATCAGCTCCCGTTTGAATTTGCAGCCTGCTGATCTGTCTACAAATTTACATTTG  
CAGTCTCCACAATTGTGTGAACCAATTCCTTAAATAAATCTCTATACCTACACCT  
>GBEQ3039 |Acc|CD467527|Ver|CD467527.1 GI:31388795|LeukoS1\_5\_E10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_E10\_A023 3', mRNA  
sequence.:Start:1:Stop:276  
CCATCCCTTCTGTTCACCTCTCTCTTCTTCCACATAAGGCTCAGACGCCAGGACTGGATGTTTCTG  
CAGTGGTCTGTGGGCTTTGCCCTGGCTGTCACTGGAAATACCAATTAGCCAGAGACTGGAGCGTCTGACT  
CTACCAGTCACTCTCTCTAAGGACTCAAAGACCAGTATTCAAATGTGTAATTTGTGTAATTAAGGAT  
TCTCCCCAAATGCCATGTTCTTCTATTTGATATTTTGTAAATAAAGTCTTTGTTGCCATCAAGT  
>GBEQ3040 |Acc|CD467515|Ver|CD467515.1 GI:31388783|LeukoS1\_5\_D08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_D08\_A023 3', mRNA  
sequence.:Start:1:Stop:248  
TTCCCCACTCTGACCTGTGTTTTTGGCCCTGATGACTTCCTTGTTCAGCGGAGGTGGTGTGGGCCGTC  
TCCATCCCTGTCTTAATTTCTGTGTACCGAGTAGTAATGATTTGCTTCCTTATTGAAAATGTGAGTCC  
AGAATATGAATTTGTTTTTCTAATCTTGTGCATAAGGGAATTTGTTGTGTTAATTAAAGGAGAAAATTT  
CCNTAAAGTTTGAGAGAGGAAATAAATGGAAGCCATTG  
>GBEQ3041 |Acc|CD467511|Ver|CD467511.1 GI:31388779|LeukoS1\_5\_F04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_F04\_A023 3', mRNA  
sequence.:Start:1:Stop:480  
AAGAAAAGGGAAGTAGGAGAGTCAGAATCAGGGAAGGAAGTGTAAAGGATGAAAGCAGAGATTGGAGTGTAT  
GCACGGCCACAAGCTAGGAATGCAGGCAGCCTCTGGAAGCTGGAAGGCAAGGAAACAGATTCTTCCCT  
GGAGCCTCTGAAGGAACACAACCTCTACAGACACCTCAGCTTTAGCCTTGCTGGGAAGTATTGCTGTGC  
TCACCTTTGACCACCCAGCTCACAGACCTGCCACCTGCTGTGTTCACTGAGATAGCTATCTACCTGCTGC  
GTCCATCAATCACTGTGCCGACAGAGCAGTCTCGTGACTATTGTAAAAGGGACATTTCAATCATATGTGA  
AACATCCTGTTTGGGGGTATATAACCACTCTGTGCACCCCACTTCTTCAAGTGCCTTTCTTCCCTTCCGGA  
AGAAAGGCCCCAGGCCATGGTCTCAGATTTTAGCTCGGAATAAATCATCCCAATTTT  
>GBEQ3042 |Acc|CD467502|Ver|CD467502.1 GI:31388770|LeukoS1\_5\_A11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:308  
GATGGTTGAAAGTGTGTTCTCATTAGATGCTTGAAATGAGGCTTCCAGTGATTTTCTGGGCAATATAGAC  
TTTCTTTTTTTGCTTAGAGTGTCAATAATATATGTGAACACGTTTAAATGCAGGGCTTTTTATCCTCTCCA  
AAATGTCAACAGTATTTTTCAGAAATAAGATTATGAAATATATTGCTGTAGTGGAATTTCTGGTCTTTG  
TCTTTAATGTCTTTTGTAGGATAAAGGAATTCACCCGGTTGTAGTTTCTATATTTCCGTGAGTCTT  
TTGACCTTGCAATGGGTTGCAATAAAAG  
>GBEQ3043 |Acc|CD467499|Ver|CD467499.1 GI:31388767|LeukoS1\_5\_C08.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_5\_C08\_A023 3', mRNA  
sequence.:Start:1:Stop:252  
GATTATAGCAAAATCTTCTGACCTTAAACTTGGAAAGTGTATTTGTATAATATTAATATTGTATGTGAC  
AGTAGTAAGTGTGTGTTTCAAGTGTCTTGGGACTGGAGAGGGATGTTTCAAGTATTTAATACCTTGTG  
GAAAGGATTTGTCTTATCTTGTTCAGATTCTATTTTACCTACACAATTACTCTGATCAGAATGCTGTG  
CCTTGGAGAAGCCAGGGCAATATAAATATGAATGACCTAA  
>GBEQ3044 |Acc|CD467417|Ver|CD467417.1 GI:31388685|LeukoS1\_4\_E02.b1\_A023 Stimulated

peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E02\_A023 3', mRNA  
sequence.:Start:1:Stop:574  
GAGCCCAGCTTCAGAGCCAGCCAGCCTTGACTTGTGCTGTGCAGCTTGCAGCTCTGTCTTGCAA  
AGGTGACCGGGAAAGGGGAGGCGAATGCAGACCTTGCCCTCCTGTGTGGAGTCACAGGAACAGCCTGAG  
AAGTGATGGGGTTTCAGGGCAGGCCACCCGAGATGCAAGATGCGCCACTCTGAAGGACCCAGAGGCGGTA  
GAGGAAACGTCTTCCCTCCCTACAGAAGCGCCCTCTTCAGAAGCCGCCACCGCGGAGAGCCTCTGAGGCC  
CCGGGAGACTCAGCATCCGGCCCCGGGGGCTTCCGGTTAGCTATAGACCAAACAACACTCCTCCATATGA  
GAAGTGACGACAGGGGGCAGCCTGGTGGCATGGTGGTGAAGTTCACACGGTGTGCTTTGGTGGCCTGGGG  
TTCTCGGATCCTGGGCATGGACCTAGGGCCACTCATCAGCCACGCTGTGGTGGTGTCCACGTACAAAAT  
AGAGGAGGATCGGCACAGATGTTAGCTCAGGGCCAATCTTCTTTGCCAAAAAGAAAAATAAAAAGAAG  
TGATGACATTAATA  
>GBEQ3045 |Acc|CD467403|Ver|CD467403.1 GI:31388671|LeukoS1\_4\_B03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_B03\_A023 3', mRNA  
sequence.:Start:1:Stop:624  
ACAGAATGCTTAAACACTATTTGTATATAATACTTTCTTTTGCCTTGCTGTACTTTCCAATACTTTAAGA  
AATTCAGAAAAGTTTCCATCTTGACAGATTTTACAGTTTGTATATTATGTTGAAAAGTATGAGGGACTT  
TTCTTTGTAGATGTCTTTGACCAACCTAGTGTTAGCTTGTGTATAGAAAACCTCATTCTCAAAAATTAC  
ATCAAAAATCTAGCACCAAAGTACTACAGAAAAAGTACTTTATATAGAATAAAAATATAGAATAAAGGTT  
TTGGTTTCTTTTAAATCAAAGTAGTTTTAAATCTTTGCCTGCATACATGTGATGCATCAAAAATAAAA  
GAAGGAAAAACATGTTTACTTAATATGTTTACATAACCAACAACACCTCATTTAGCATCATACATTGGGCA  
GTGCTGTTTTTTGTGTTTTATGTTTGTGTTTGTGTTTGTCTATTCAAGCAGAAATGGCGTTGACTTTTGAT  
CTGTGTTTCATTGGCTTTTAAATTTAGATTATTATTGGAATTTTTACCCAGGGATCTAATGACTATTATTT  
GAATTCCTTAAATTAATAAAAAAATTGTTGATAATTTTCTATATAACTAATAAAAAATCTGCAGC  
>GBEQ3046 |Acc|CD467383|Ver|CD467383.1 GI:31388651|LeukoS1\_4\_E03.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E03\_A023 3', mRNA  
sequence.:Start:1:Stop:505  
TCCACCGTTGCAAGGCCAAAAACAATGCTGCTAGGAAAGAGAGACAGCTCAAGGATGGACCAACGGATGG  
ACAAGCCTCTGAAGCTGTAGACCCCTCAGGAGGTCACTTATCCAGGTGACCTGCAGTGTCCCCACACAG  
GGGACAGCTGCCACACCCTCGTTGCCAGACAGACCAGACTAGCGAGTATGCAATACTTGCCCTAAAAT  
AAGCCACACACTGGTGCCAGCATTTTCATGGGCAATAGGACTTACAGCTGCCCATTTGGAAGGTCCCTCCTC  
TGGAATCGTGATGCTAAATCTGAGGCCGTGAGCCGGTTGAGGGGACCCCTCTCACTCAGAAGTCTGTC  
CACCCCTCTGAATCTAGAGACCTCAAGATTATCACCCAATCAGTTCCAGAATCTCTACTGTCTATTGCC  
AGCAATTCCTCAACCCTCCAAAGTTATCAAAAGATGATGCAGTAACCTTTTCATAAGTTTTTATTATTCA  
TCGATTAACACATA  
>GBEQ3047 |Acc|CD467363|Ver|CD467363.1 GI:31388631|LeukoS1\_4\_E11.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:567  
TCACCTGGGAACAGGAACAGGGCAGGATTGATTAGGGGATCGTTGGGGGAGCTGGTGTCACTGCACT  
GCTGGCTCTCTGCATCTACCTCATCTTTGTCTAGTGAAGACCTGCCAGAAGAAAGTGGCCAGGACAACA  
GTGGGCGTGGATGACGTCCACTCTGCCATGGGACCAGCTTCCCTGGGTCAACGACAGGGTCCAAGTTAG  
ACAGTCTGCTGACACTCCAAATGATACAGGGATGGTCTCTTCTTTGAGGAAAGCAGGAGCTGCATTATG  
CTTCCATCAGCTTTTAAACAGAGTGAATCCTCAGGAGGGCACCCAAAGGGTGGTTTTTGGAAACTTAACATC  
TCCATAGGCAGTGGGTTTATAAACTATGGTATGTGATTTTCTGCTGTACTGGAACATATGTTAGGCTTTG  
CAATCAGAGAGACCTGGAATTGAATCCATGCTCTTTTATTAATAGTAGAACATCAGGCAAGCCCCCTTAC  
TCTTCTATGCTTGGTTTCTTGCTTTGTGAAATAAGAAGTCTTAACATCAGAGTTGCTGTGAGGATTAA  
ATAAAG  
>GBEQ3048 |Acc|CD467359|Ver|CD467359.1 GI:31388627|LeukoS1\_4\_D10.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D10\_A023 3', mRNA  
sequence.:Start:1:Stop:428  
TAAATTTTTTATAAATAAACCTGTGAATATATCCATCCAAATTATAAGTATTTCCATTTTTTGTGTTTTGA  
ACTCAAAAAGCTCTGATTGGGAGTGTGTTGGGTTAAATTAGTGTGAAGACAATTGTTTAGTTTTAGACT  
GAGGATAAAAGAAATATGAGTGTGAAGCCCTGAAATCATTACTGATAACCCCTACTAGGTTTTATAATCA  
ATTTCTGCCCATTTCCAATGAATGACTAAGCCAAAACTAGGTAAAGTGTATATAGTGTGTTGAACCTCG  
AAGGAAATGTAACAATTTTTTTAAATCCCTTACAATCTGTGATGCTTGGGAAAGAAAAAATGCATATTG  
ATTATCTGTCTGGATCTTTGTTTTGAATCTCAGCATATAATTCTCCCGACGGATTTGTAATAAAGTCT  
AATCCTCT  
>GBEQ3049 |Acc|CD467356|Ver|CD467356.1 GI:31388624|LeukoS1\_4\_D03.b1\_A023 Stimulated



peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:175  
TTTATAAAGCAAATATTCATAATGATGAGAAGATAGGGGGACAGAAAACCCCTTACTCAAGCCCCCTTTTG  
AAATGAAATGTTGCTTTTGAACAGTTTGTCTGAGGTGTTTAAAAAATTTTCAATTTTACATAAGAAAATT  
TTGCTCCAAATAAAGTTACAGTTTAAAGAAAAATTG  
>GBEQ3050 |Acc|CD467351|Ver|CD467351.1 GI:31388619|LeukoS1\_4\_D04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_4\_D04\_A023 3', mRNA  
sequence.:Start:1:Stop:565  
TAGATATTTACCCATGAGAAATATAAACAATGTCTGCACAAAGACACACACAAATGTCTATAGCAGCTT  
TCTTCCTAATACTGAAACCTGGCATCCAGAATTTTCATGACTTGGGGAGTGGGTAAATGAATGGTAGTA  
TATTCATATAATGGAATACTGCCGAGCTATAGAAAGGAATGGACTGCTGGCGACATAAAACAACATGGAT  
GAATTTCCAAAGCATTATGTTAAGTGGAGATGCCAGGCACAAAAAGACAACACAACATATGGTCCTATT  
TATAATGAATTCTAGAAAAACAAACTGTGGCGACATTAAGCAGGTCAATGGTTACCAAGGGATGGGAT  
TGGGGAAAGGGATTTATTGAAAAGGGGCAGGAGTGAAATTTCTGGGCTTATATAAATGTGCTACATCTGC  
ATAAATGTTCTAAATATAAAAGTTCTACATCATATGTATGGTTATGGTGGTAGTTACATGACATGCATTT  
GTTAAACTACCAAAATCTATATGGAATGACTGGATTTTGTGTGTATTAATTATAGCTCAATAAAGC  
CGATT  
>GBEQ3051 |Acc|CD467111|Ver|CD467111.1 GI:31388379|LeukoS1\_2\_G04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_G04\_A023 3', mRNA  
sequence.:Start:1:Stop:100  
CCCAGGAACCGGCTCCCAATCCCAACTCTTGTGGGGCCCCACCCCTTCTTCCACCCCATGTTGGAGCCC  
TCCTGCTGCTTTGTCCCTCAAATAAAAACA  
>GBEQ3052 |Acc|CD467096|Ver|CD467096.1 GI:31388364|LeukoS1\_2\_F09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_2\_F09\_A023 3', mRNA  
sequence.:Start:1:Stop:583  
GAAGCAGGGTTCACTTTTACTTAGATGGGACAGATGAGAGGATGGAGAGCACTTTTCTGCTCCCCCGTA  
CATCCCTGGATTGTTAAGGAGACTTCCTTGCGCTGGTGGAAAGCGCTATCCAGCGGCCCTGCGTCCTGGG  
CTGATCTTTCTTTGCTCTGCGTACCAATCGCACACACCCTCCCCCTCCAGTCTCTGAAGGCTTAACCGGTT  
CTCTCTAGATGAAAGTTTCAGAGTCCCAAGGCCCCACAGTATGTCTGTTTTTCTTTTCTTTGTTTGTCT  
TAGCCTAACAGTTTTTGAAGAGCCACCTAGAGCTCAAGAAACAAAGACTACTGAAAGCAGATGCTGTGTA  
AACGGCGCAAGCGTGGACCTTCCTCCAACCTCCAGCGCTAAGATATTGCTGTTGCGTGGCCAGCAAGGC  
TGTAGGCTGGAATTTCTAGTGCTCCCCACCAATAAAATGAAACAGCTGAAAGCCATTGCTTTATTGGAA  
AGGGGAGGAGAAATCTACATTAAATGTAAAGAGTAGTAAGATCTGATGATTCTCCAGGATGTCATAAC  
ACATTAAGAGATTTTTTTAAATA  
>GBEQ3053 |Acc|CD466979|Ver|CD466979.1 GI:31388247|LeukoS1\_1\_E04.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_E04\_A023 3', mRNA  
sequence.:Start:1:Stop:643  
TTTGACTTAATAAATGATAGTTTGTAGAAAAGCAAGTAAGCAAAATTTGGGTTTTGGTCTGAATTTTT  
CCTATAGCACTTTTTGTTTTTAATCCTGATAATGGTTTTTGGCTTTCTGTGCCCTGTAAGTGTTAAAGCG  
TATTCACAGTCCACAGTCTCGATGACAGATATACTGCACCGGGACTTAGGCTCAGGACATGCAGAAGA  
GCGGAACGGCAGCGTGGCAGTGGGAATTAGGATGTGCTGAATCTGGTTTCAGGGAAGAAAAACCTGCTGTG  
GTAGAATTTTTATCCTAAAAAGACGCTGTTATCTAACACCTTACGGTAAATGGGTTCTGCTACAATTGAG  
GTGCAAGTGTTAAATTCCTATTTTTTACACTCCTGTGATAAGTGGAGGCTTAAAGGTTGGAACATT  
TACATTTCCCTATTTTTTAGTTTCTCCTCATTTACAACCTGAACAAAACCTAATAAAAAATCTCCGATTTAAAT  
AGCCAGTAAAAATTTACTGGTAGTCTATTTGGTGTATTATTCTATCATGGAAGAGTAATTTGAAACAA  
GGTTTGAAGTTAAGTAAATATGGAGGTTGGATTCATACCCAAATTTCTGTGGAAGGTCTTATTAAGTA  
TCATTAAACTTTG  
>GBEQ3054 |Acc|CD466966|Ver|CD466966.1 GI:31388234|LeukoS1\_1\_B12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_B12\_A023 3', mRNA  
sequence.:Start:1:Stop:663  
TGCTCCGTGGGGCCAGCAAAGGCAGAGGCGAGGCCGACCCGCGCGCCCCCGAGGCGGCGCTTC  
CTCCCCACCCCGAGAGGACCCCTCTGGAGAAGGCCTGCCGGAAGCTCTGGAGGAACCTCAAGACAGTCCC  
CGAGACGGGCGAGGAAGGTCCAGCAGCAGCTGAAAGCCAGCTGGCGGCGCAAGCCTGTCGTCGGTCTGG  
GACACCGGGCGACCCGCGAGGACCCGAGCTCAGGGGGCCCGGGCGGGCGCGCGGGGAGGAGGACG  
ACGGCCCGGACCCATCTGTGTCCACGTGGCTCACAAGCCCCGCACAACCCAGGCTCCCAGAGACAGAGA  
CGGCTCGTCCGGAGGTGCGGAGCAAGCGACCTCGGGGGCCAGGGCTGGCACCAGTGGTC  
ATGAGGGCCCTGTCCAACAGAGCCAGGGGCTCGGCAGAGCCCCAGAAGGACTGGCTCCCGGAGGAGT

ACCGCCCCCACC GCCCTTCGCCCCCTGGGTACTGCTAGAGAACAGCTCGCCTGGCTCTGGGGCCCCGGGCC  
CCCCGGGGCTGCTCGCACCCGGACCCCTCGCTCTCTGCCACTGCCCCCAGCCCTGAGGAACCTCAGAAATG  
CAATAAAGACACTGCCTGGTCTGGGCCTGCAGG  
>GBEQ3055 |Acc|CD466950|Ver|CD466950.1 GI:31388218|LeukoS1\_1\_G06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_G06\_A023 3', mRNA  
sequence.:Start:1:Stop:572  
ATCACTTGAAATCCTATCACTAGACAGACGTGATGTTGGAGTATGGAATTTTAAAGTTTCTTTTTTGCA  
CACTCTTTGTCACTACTTGCATTATTTACGTAGGATGCGTGATTTTCTGTCTCTTCCAGTTCTAACCTG  
GAAGCTGCTTGCGGGGGTGGGAATCGGGGAGGCAAAATGAATGAACCTAACTGCGCTGTGGCAGAACTGT  
TATTTTTATGGCTTTTACAGGTCAATTACCTTTTAAAGCTTTATATGTTTCTATACTCTTAAGAAAACT  
ACTGAGCCCTTCAAGCGTTGTTACTATTCTGTCTAATAGTGATTTCAGTTTTCTATTGTTTATTTTATAGG  
GTAGAAGGAAAATCTTTAACATCATATTAACTTTCCATATCATCGATTGTAAACCAAAGGCAATTATA  
CATCTGAGAAAATGTATTGGTTTATTGCACTAATTCTGAAGCTGTATTTGAAAGTATGAGCTCACAAATC  
TTAATTGTCCATAGCAAACATATCTATGTATATATGGGTGCCAACATTTGGTTTAAATTTAAGGATTA  
ATAAAAAATTTA  
>GBEQ3056 |Acc|CD466940|Ver|CD466940.1 GI:31388208|LeukoS1\_1\_C09.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C09\_A023 3', mRNA  
sequence.:Start:1:Stop:635  
AAGAGGATATCAGAGCCTCCTCCTCCAATTGTCACCCTGCCTGATGACACCCCCCTGGTCCCCACAGTC  
ACGCCTGCCCCCTGCACCTACACCTGCCAGCTGCCCTCACTTCCGGGGTCAATGATGTGACCTTCCTCGG  
GAAACCTGGGAAGGGATGAAGGTCCCCCTGGAGCCTGAGGGTCTGGAGTCAGAACCAGAGTCCCCGGGCC  
CATCTGTCTGCCCCAGGTGGTGTGTCGATGATGCACCTTCGTGCCACTGTGTCTCAGAAGAGGAAGTGTGCT  
TGGGTACACTCAGCTGTGTGGACAGGGGTGCAGTGTGCCCTGCCCCTGCCCTGTGTGTCATGTGTGGCTGTGTC  
GGGCTGTGTTTGGAGGGGGTGGGGTAAGGGTCAGGAGTCCGACATTAGCAGCCCCGAGAGCTCCCACAC  
CAGCACTCCTTTTCTCTGGCATTTCATACCCACATTTCACTCACTACGAGGGCAGTCTTTTGGGGGACA  
GAGGTTCCACTGCTTCCAGGTCTGGGCTGCTGCCCCAGGAACCGGCTCCCAATCCCAACTCCTGCTGCG  
GCCCCACCCCTCCTCCACCCATGCTGGAGCCCTCCTGCTGCTTTGTGCTCAAAATAAAACAGATGTT  
CCACC  
>GBEQ3057 |Acc|CD466928|Ver|CD466928.1 GI:31388196|LeukoS1\_1\_C06.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_C06\_A023 3', mRNA  
sequence.:Start:1:Stop:593  
GAACGTCCAGATTTCAGAGAATCCGATTAGAGAAGTGGTGTGGCAGAGTGGGCTGCTTGGTTGCAGAGTG  
TCACCACAGAAATCTTGGGGGAACGGAGGATAGAGCTTCTAGGCATTTGAAACTTCTGCCTAACCTTGGGA  
CACTTGCAGAACTGAAGATGGCAAACTGTCCACCCCTCTGCCAAGCAGAGTCAGAGCTACAGGAGACGC  
CCATCAGCACCTGGGTTCGGTGGGACCAATTCATCTTTCAGCCAAGCTTTAGCAGAAACAGACTAGACGG  
AGAGACTCCCGAGCTGTGGTGAATATTTGAGTTTCGAGCGTGGTAAGAAGGAGATTATCCCTGGGAGGG  
ATGGGGCAAACAGTATTTTGGAGGGAACTGTTACAACATATCCATTCTTTGCACAGATTTGAAAGTT  
GAACAATTGAAAAGGCTTCAGGGAAGAGAGCTCCTTCCACTTGTGTTTGGTTTATGTTTAAAGGGAA  
ATGCTGCCCCAATGGTTGGGCGGGGGGAGCTTCTCCCGGTTCTGTTTGGCTTGTGTTTCTGTACTTATAA  
GAAACTTACCACTTCAATAAACTTTTATATGGG  
>GBEQ3058 |Acc|CD466920|Ver|CD466920.1 GI:31388188|LeukoS1\_1\_H12.b1\_A023 Stimulated  
peripheral blood leukocytes S1 Equus caballus cDNA clone LeukoS1\_1\_H12\_A023 3', mRNA  
sequence.:Start:1:Stop:287  
TGAGTCTGTGTGCTTCTTGGCGTGGGCAGCACACTTGGCACATACACAACAATTTAGGTCTGGGTGCAC  
GGCCTGTGTGCTGACAGAGAAGCATATTTCTATGTTCTAACGTCAATTTACTGTTTCTGTATGGGGAAGG  
CGAGTTCAACATCATGATGGCTGAGACCAGCACTCTGTGAACCCCTTGAGAGCTAAAAGTAGATTAA  
AAGAAATAAAAGCCTTTTTATGTTATTTCTCAGCTCAAAAGAAAGAGAATGCAAGATTAAAGCAAAGAC  
CAGACAA  
>GBEQ3059 |Acc|CD466803|Ver|CD466803.1 GI:31388071|LeukoN2\_8\_H02.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_H02\_A024 3', mRNA  
sequence.:Start:1:Stop:550  
AGTGCCAGGCTGGGGCAACCCGGACCCGAGCTACAGTGTGTGAAGCAAGCATCGAAGGTCAAGGTGCT  
TGCCGGAACCCCATTTGTGCTGATTAACCCCATGGTACCTACATGTGCCACGCGAACAACCTCACAC  
GGGAAGGACACTGTGACCTGGTGGTGAACGTTCAAGGTGGGCGGAGGCTGGGGGTGTAGACGGC  
CAAGCCCAGGAGGGGCGGGGGCGGAGTTACTCCTCGTTTCTTTGCACAGCTCGGAACCCCGGTC  
GTCCCCGTGCTGGTGGTGTAGCGATCCTTGGCCTGATCACTGTTTTCAGCGGCCCTACTGTATGTTTTCG  
TGTTGAAGAAACACTCCGTGAGTGACATTTACTATGTGAATCGGGGGAGCACCACTGCTTGGCCCTCAG

GT'TTAGGCCGGCTGACCAAAGACTGGGGGAGGAGTCGTCCTGAGCCTCGGGCCGCCGGGATACTGGACAA  
AGGGGATGGGGGTTTGGCTGTGTCTCCGGGTTTCGTACCAATAAAGCCTTCAAAATCCGG  
>GBEQ3060 |Acc|CD466801|Ver|CD466801.1 GI:31388069|LeukoN2\_8\_C03.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C03\_A024 3', mRNA  
sequence.:Start:1:Stop:670  
TAGATATAAAGATGTTTCTGTGAGAACATAAAGGGCTGATGTACCCATAATGCACATGACAGAGGGTTTA  
ACAATGTGCTGCCAGGCACCGTAGCTTTTATATACTCGTTGATCCGTTGCTGCTGCTATTAAAGTTGGTTT  
TTCTTACTAACGCAATAGGATAGACTTAGGGTAGATGATAATAACACATTGTGTTCTGTGAGAAAAATATT  
GGGCCGTGGAAGAGAAAAATTAAGGGGCGATTAAATTTGAAGTTACATATATGATCCTGAAAGAGA  
TAGAGAAACAACAGGAATAGTATTATCTTATAATAGCACATCTATTATTGTTAAATTTAAGACAACCTG  
TTTAATAGTATCTTTATTATGTTCAAGATTATCATTATTATGTTTAAAGATATTATTATTATGTTTTTAAG  
ACATAATTTTCACTCTGAGCTCATTAGTAACAGTATAACAAAAGTTGAGGCAAATTCATTTTGTGTTTCA  
ATCTGAAAAAGTCACTTTTGAAGTTTCAAGAATGGAAGAAAGTGTATAAATGTGTTTCATTAAATTGT  
TCTTTTAAAAATGTATTTGAAAGTCTACAACAATGTATGAACACACCATTTTACTATTAAATTTCTTCTC  
CTGTACATATCCGTGAGACCAGAATAAAAATGGGCTATTT  
>GBEQ3061 |Acc|CD466791|Ver|CD466791.1 GI:31388059|LeukoN2\_8\_F05.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F05\_A024 3', mRNA  
sequence.:Start:1:Stop:563  
AGTACATGATAAACTACTGTATTTACTGGCATATGAGATATGCAGGAATTTACCTGATTCTCCTACACT  
CTTGCAAGGTGTTTTTGTGTGGCAGAGACAAAACCTGAGTACTTTTAACAAACAGGTATTGAAAAATGAT  
TGGACATTATTTTATTTATGTAAATAGAGCACATTTGTGTATTACAATCCAATAGGAGTCTATCAACTGAA  
TGGATAAGCAAATTTGGTATTCCCCTAAAGTGCAATATTATTTGGCCATAAGAAGGAGCAAAGCACTGC  
TGCAACATGGATGAACCTTGAAACCATTACACAAAGTGAAAGAAACCAGACACAAAGAGCCACATATTGT  
ATGATTTCTGTCTGCATGAAATGTCCAGAACAGGAAAAATCCATAGAGGTGAAAAATAGATTAGTGGTTGCC  
AGGGGCTGAGAGGCAGGGAGGAATAAAGAGTGACTGCTAATAGGAATGGGATTTTGTAGGTGTGATAAAA  
AATGTTCTGGAATTAGATAGTGGTGATTAAAAAAAGATGGAGAAATTAGGGAAAAGAAGATAAATGGCC  
ATG  
>GBEQ3062 |Acc|CD466790|Ver|CD466790.1 GI:31388058|LeukoN2\_8\_F10.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:591  
CCAGTAGGTTTTTAAATGAGAAGAATAACAGAACCCTGCAACTTTAGAGGCTGTCTCAGTCCAGGTATG  
CCTTGCTATGTAGAAAGTTACTGCTATATATAGTTTTTCAATTTGCTGCTTTTAAGGAAGACCTAGG  
CATCCCCCTTCTCTGGTTCTTCAGACGGGGGAACTGAGCTGTCCACGCCTGCTTGTGCTTTTAGTTGAG  
AACATTTATAAGAATGTCAGTGTAATCTTTCTCTGCCATTTGGAACCTTTGTAGCTATTCGGGATTGTAA  
TCAAGTTGTTGTGGTCTGTATATATCACCTGTACTTAGAAGTAGTTTGAATAGGGTGGTTTTGTAGGAC  
TTAAGATCTGTCTGCATGAAATGTCCAGAACAGGAAAAATCCATAGAGGTGAAAAATAGATTAGTGGTTGCC  
CTGATGGTCTTGATTCTGAGCCCCAGTGGCCACGTTGTGATTGACATTGCTGTAACCTGACATCTCTGCTT  
CTAAACAGAGTATTCATGAGGTGCCTTTGTCCAGTTGGAGGAGGAGTCGGCACTTTGTCTTCTGTATGCA  
TGATGAAAAAATAAAACCTTTCAGTCCGGT  
>GBEQ3063 |Acc|CD466789|Ver|CD466789.1 GI:31388057|LeukoN2\_8\_G07.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_G07\_A024 3', mRNA  
sequence.:Start:1:Stop:602  
AGACTCAAATCTGTTGGATCTCTGCAGGGTACAGTCAGCGAGGTTGAAAAAGCCTGCTTTGCTCCATCAT  
AGAAATGGTTATAAATTTTTCAGCTGTTCTCATCAAATCCTCTCTTCTGTTACCCGTTTTGGGGAGCAACG  
GAACCTTGAGGTTCAACTTCTGTAGATGACTAAGTATATAATTCAGGAACCTTAGAGTAACGCAATTGATTT  
TCAGTATTCAGTGTTTTAATCACCGCTGGGGAAAAAATTTCAATCTGAACTTTTCCAGGAGATAACTGA  
AGTTGGGAGTGGGGAGGTTCTGAAAAATTTTGTATAAAGAAAAATTTTCAATAATTTTTATCCAAAGA  
GGGAGGCTGCAGAAAAGGCTCCATGTGTCTGTAGGGAGGTGAACCAAGAGGTGCCAGCAATATGACACT  
GCCTTTCACACGGTATTTCCAGGTCAGGCTGCTCTCTGCTGATGTGCACAGGGAAGGGGCACCCCTGG  
GGAGAGGCGAGGAGGACTGACAATGTTTTATTATAGAAGTGTCTTGCAGTGAGGGGGTTATTTTCTGA  
ATTTTGTCTTTTGGGGATCGCTAAATAAATCCTTTGTTAAAA  
>GBEQ3064 |Acc|CD466774|Ver|CD466774.1 GI:31388042|LeukoN2\_8\_C11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_8\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:381  
TAAAAACAAACATTTCTACAACTTTTCTTCTGGAACACATACCACATCGAAACACGGAAGTATTAAATA  
AGAAAGAGGAAGCTATGGCAGAGGACGTTGTTCTCAAAGTATAACCTCCAGGCCAGTAGCATTAGATCA  
GCTGCGAAGTTGTTAGAAATGCGAAGTCTGGGGCCGGGCTGTGGCCAATGGGTTAAATTCGTGCGCTCC

ATTTTCGGCGGCCAGGGTTTACCATTTCGGATCCTGGGTGTGGACATGGCACTGCTCATTAGGCCCTGC  
TGAGGCAGCATCCCACATGCCACAAGTAGAAGGACCCACAATAAAAAATATATATACAGCTATGGACC  
AGGAGGCTGAGAAAAAGGAAAAATAAATCTT

>GBEQ3065 |Acc|CD466614|Ver|CD466614.1 GI:31387882|LeukoN2\_7\_C09.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C09\_A024 3', mRNA  
sequence.:Start:1:Stop:598  
GGCTTGGCCTGAGACTTTAGGGACATTTGAGTGAATGAGATGGAGTAGGGGCCAGGTTTCCCAAAAGGCA  
GGGAGTCAGGCCTCTGCCCTGGCCAGAGAAAGCCTGCAGGTACCATGGCCTGGAGAGAAGGGACCTTCT  
AGATCCTTCCCCATTGCAGTCTCCTCTGTCTGGTCTATCCTGGGTCTGAAAACCTCAATAATAAAGGCCT  
GAGACGGAGGGAGGGCTCTTCACTATCCTTCACCGTCTTTGAGATACTCTTGGATCAGGGCCTGGGTG  
AGAGGAGCTTGGGGAAAAAGGAAGATCCATCTGGATGCTTTTCCCCCAGTTGTTTACTGGCTGGCTCCTT  
CCTGTTGTTCCACACTGACCTCAGAGAGGGCCCTCCCTGCCACCCAAGCTCATGCTATGTCTCTGCCCCAC  
CTGCTTTATTTTCTTTTACACTCTCACTGGCCACATTTATTTGTATGCCTGATATTTTCTACCCCACTA  
AAATGTAACTCCACAGCTATAGACTTTTCTTGTTCCTTCTCTATGCCTACAATGAAGATTAACCTTAAC  
CTGGCATAATCGTACCTGCTTAATAAATATTCACGAATA

>GBEQ3066 |Acc|CD466607|Ver|CD466607.1 GI:31387875|LeukoN2\_7\_C12.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C12\_A024 3', mRNA  
sequence.:Start:1:Stop:614  
GCCCTCCCCCTTCAGCCCATGATTTTAATACTGCATTTAATTGGATAGTGGTCGGCCTGCTGTTTGTCTG  
TTTGTTTTGCTTCTGTTGGGTGAGTTTGCTCTNTTCGCCGAATATGAAAATGTATCTGGCATTGAGAC  
ACTTTCCTGTTTTTCGAAAGTCAAGATAGGGTCTCCTGGGGGCGTTGGTAGCACCTATCCCTTGGAGGAG  
GATGGGTGCAGGCGCCTTTGCCCGCATTCTTCTGTTAATCTCCAGTTTGCCGTGGCAACAAGGGAACGC  
GTTTTGAAAAACAACACTACAGCGCGCGCAACGACCCCTCCACCCAGGGCATGGCTGGACCAGGGATGTTTCT  
GTTCTCTGTTTCTGTAACCTTCGACAAAGGTGTGATGGATGGATTGGGAGCATCAAAAATAACTTTTT  
GTCGGCCATTTTGTCTGGCAGGCGGTCACCGATCCTCATTTTAGATAGACTTCATTTAAAAAACGAAG  
ATGCTTTAAACACATTTTTCGCGAGTTCAAATGTTTCTACGCGAAGGAGAAAAAAAGTATTGGGAAACT  
ATTGGAAATGTGTATGTGGGTGGGGGTGATTCTCCAATAAAGGGCTGTAGTTTC

>GBEQ3067 |Acc|CD466605|Ver|CD466605.1 GI:31387873|LeukoN2\_7\_H04.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H04\_A024 3', mRNA  
sequence.:Start:1:Stop:472  
ATGAAGGTGGAGCCGGAAGAAAGATCCCAGCCCCTGCCGCACAGAAAAAGAAAGGAAAGAAAAAGT  
AGCCAGGAGTTGCTGAATACTACCTTTTTTTTCCGAAGAAGACCCCTACTTTTAAATGATCAATAACTTCG  
CTCGTTGATAAGCTATTAGGCTAATTGAAAATAGAAGTTTTCTACCTAAAAATAATTTATGCATTTTA  
ATGTTAATTTGTTATTTTTTTTCAGAAAAGTATTATTTGAAGCCGAGTATAAATTTTTTTAATTTCAATA  
AAAATTCCTCCAAATACCTAGATGTAATAAATTTATATGACTTGCTTTGAATTGGTGCCTTTGTAATT  
AGTATTAATAAATAATCATAATGGAGCCAACAGGATTGACTTTGAAAAAGTTAATAATGAGGAAAAATAGC  
TATTGTTATTGGAGAAAAATTTGTCTTGAAAGACTTTAAAAATATTTAAATAT

>GBEQ3068 |Acc|CD466604|Ver|CD466604.1 GI:31387872|LeukoN2\_7\_A01.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_A01\_A024 3', mRNA  
sequence.:Start:1:Stop:583  
ATATTTCTTAAATGTGTGTTGCTCTTTATCTCCCTTTCATTTTTGTTACTTTTCGATAGACACAGGTATT  
AGAACAATTTCCCTCTCTTCATAATTCTACTGTAAGAAAAACAATAGTGCCAGCTCAGTGATAAATAGCA  
ACTGACAGTCAGTCTCCGTATCAGGGTGTGAGACTGGAGACATGTGGCCTTTTTAAAGGGTACAGCCAGC  
CATTCCTCTGCGCTAGTTGGTTATTGCCTTGCAGGAATATAAGCCAGTGTTGCCAGATTTTCTGATTTT  
ACAAGAGAAGCTTTGGAATCTAGAATGTTATGGGAAATCTCTTATTTTAAAAAATGTTGGTAGTCCATTA  
AACTTTAAAAATATTGTGGTCCAAGACAAAATTTACTTTGGAAAACGGTGAAATTCAAATAAGACATGT  
AGATTAATTCACAGCCATGATCAATGTTAATTTTCTGGTTTCTGTGATTGTACTCTGTTTATGTAAGAT  
GTTAACTTTGGGGAAGTTGAGTACAGGGTATTTGGGAACTGTTATTTTGTAAAGTTTCTCTATGTATAA  
ATTATTTTCAAAATAAAAAAGTTA

>GBEQ3069 |Acc|CD466595|Ver|CD466595.1 GI:31387863|LeukoN2\_7\_F09.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_F09\_A024 3', mRNA  
sequence.:Start:1:Stop:608  
CTCAAAGCAAAGTTTTGAGCTACAGGCTTGAGCATATGAAGCAATGCTAGGAGCCTGCTGGATGGTGCG  
TGGATAAGGGAGGAATAGGGGGATCCATAATAAGGCTGTTTCTGACCTCTTTTCCCTCAGGCTGAGCAGA  
AAGCTGATAGAGAAAAAGATGACATTGTGGGGGACTGGAATTGGCCACCCAAGATATGTCTCTGGCATT  
TGGATTATTTTGGGCTGGTTACTTTCAAAAACCTGCAGACAGGAAAGCAACTCTTAAAGCAGAATTTACT  
TACCTTTGTAAAGAGACACTTACATTGTAAAGGAAATCTCCATCTGTAAAGGTGTCTCCCTCTCTGCAC

CAGGAAGAAGGGGGGATGCCCTTATCTCTAGAACTTTTAATCAATGCCAAAGGTAAGGACTTAAATCTG  
CATCTTGTCTTACTGTACTTGTCTGGTAACTTACTGTAACTGACTCCCCAGCCACCAACATCCTCCTTGT  
CTTTAGCTGAGGGGGATATTTAAGGTGGTGGCTTCGGCCATTTTGGCAAGTTGCTCAGCTTGCCTGAGCC  
TCTTCCCATGTATACATGTAATAAAGCTTTGTTTAAATTTCTCCTGTT  
>GBEQ3070 |Acc|CD466586|Ver|CD466586.1 GI:31387854|LeukoN2\_7\_G07.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_G07\_A024 3', mRNA  
sequence.:Start:1:Stop:528  
AGGAGGAGCCTCCTTTCCAAGAGGACTGACCCAGGAGGGGACACTTGCCATGATGCCAGTATCTGCTACCC  
CAGCTTCTTCTGCTTTCGTAAGCCTTCTGAGACCTGTCCATCACTGACAGCCCCCTCCTGTCTCCTGTAGC  
CCCCAGAGTAGGTGACAGCCAGGACCAGGAAGGTCACTAGTGAGAGGTGGGCTCTCACATCCCCTGCAAG  
AAAGAAGCTTCTCTCAAGATTCAAGGCACGAAGTCAAGACTCTGAGCAAGAAACCAGCAGAGGCAGGACA  
GGCTCCTGCCAGGGGGAGACACACCTGCCATTCTGAAAGCCCCTGCCAGCTCCTCAAGGAAAGCCC  
ACTGTGGGCACGAAACCTTTTACAGCCCATCATTTCAAACCTTGGTTAAAGGAATCACTTGTGGCCAATAAA  
CATGTGAAGAGGAATCCAATCTCATCAGCAATCAGGAAAAGCCAAAGCCAAACCAGCTGAGACGCCATT  
TTGTCCCTATTCAAACAGCAAAAATAAAAAAGCACCCG  
>GBEQ3071 |Acc|CD466573|Ver|CD466573.1 GI:31387841|LeukoN2\_7\_B11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_B11\_A024 3', mRNA  
sequence.:Start:1:Stop:561  
TGATGAAGGACCGTGCATAGGAGGGGGGCTGACCTAGTGGGAGAGGGAGATGGTCAGAAAAATGTTCT  
CCAAGGAACCGATTTTAAAAATCAACATTATTGAGGTATAATTTGACATACAATAAAATGCCTTAATAG  
TAAGGATACAAGTGATGAGTTTTGACAGATGTGGATACCCATGAGACCACCACCACAGTCCAGGCAGAGC  
TTTCACATCACCCCAAAGCTCCGATCCTGCCCTTTTGCATCAATAACCCACCCACCCCCAGCCCCAA  
GCAACCACTGACCTGCTGTCTGTCACTGTGTGTCCGATGGGCCTTTTGGGGACTGTGATATGACTCCTTA  
CTGAATGTTTGCATTAGTGTCTGGCTCTGCTCCAGATGAGTATTTGAGATTCTGCAGCTCGCCGCGTG  
TATCAGCAGCTATTCCCTTGTGTTGTTGAGTCGCATTCCACTGTGTGGATAGGCCATCATTGTTCCTCC  
ATTTCCCTGTTGGTGGACGTTTGTAGCTGTTTCTAATTCTTGGCCATCATGAATAAACTGCTGTGAACAT  
T  
>GBEQ3072 |Acc|CD466571|Ver|CD466571.1 GI:31387839|LeukoN2\_7\_H10.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_H10\_A024 3', mRNA  
sequence.:Start:1:Stop:600  
GAAGACTAGCTTTTACTAACCCTGGAAAAATTCCTTATGACTTGCTCTTGGCTTCAGCCATGTATTNATA  
TGTATTCTTGATAGTGATAATAACAATAAATATGATTCTTGATGATAATGCTACAATAAATTTAAAAATT  
TCAACTCAGGATAGAAAGTAATTGTGTGGTTTGCACGTGTGACTAAGAGTAATATTAATTCGGAAAGTTTG  
TCTTGCTAGGGATGATGGGTAATTTCTACAGCCATACCATGCTATTCTCAACATGTCCATTTAGCTCCT  
CCTTAGAGCTAACACTCTCACTGTAGCCAGCTCATCTTGGGTTTGGGGAACTGACTTTCACTCCAGCCC  
AGCGGCCTCAGCTGAGACCATTGCCAGTTAGCAGTTGGCCCTGTTGAGCAGGGCTGCTGTGCTTTCCA  
TTTCCATGTGGGTTGCCCTTCTCCTTGTGAGACCCAAATCACTACCCCAAATGTCTCCTTGTCTGTA  
GCTGAAGATACTGAAACAGGCAGCCTCAGCCAGTTGGCTGAGTTACTCAGTTTCTCCGAGTTTCTCACA  
TGTATACATGCTATTAAACCTTGTGTTGATTTCTCCTGCT  
>GBEQ3073 |Acc|CD466566|Ver|CD466566.1 GI:31387834|LeukoN2\_7\_C11.b2\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_7\_C11\_A024 3', mRNA  
sequence.:Start:1:Stop:668  
AGTTATAGAATCCATAGTCATCAGTCCAGTTCCTCCTGCAGATGGCCTCCTGCCAACAGCTTTTAGAGTC  
TCCCGCCTGCACTGCACTNAGAGCTGCAGTAGATCTCAAAGGCTATCAGAAAAGGGGACAGCTGCAAGAC  
TCAAGAGATGAGAAGACCCCTTGGCGAAATATAGTGTAATTTTCACTGCCACTACCACCTCCAAATGGG  
TTTTTAGAGCTTTAAACACAATCTTTGTAAATTAATCAAAACATCTCTGGCATACTGCCTTCTCCCCG  
TGCCCAAGTTTGCAGAACACCAGCTGAAGGTGAGATGGGCTCCAAGCTGGAAGGACTGCAGGACAGTAGA  
ATGGGCTGCCAGGGTGACAGAAGCTCTTCTCTCCAACATGAGATACTGAACATTCTATAGGGTGATCG  
AAGTTGGACTTTGAACAGCTGTAATTTCAAGAAATTAACACCCAGTGGAGGTAAAGAACCCTCTGATGTC  
CAAGACAGGGACCATTCTTGTGCGTGTGTTATGCTATACTTCTGTAAGAATGAGCTTGTGTTATGCTTTC  
TCCTGGGCTGGACAGTGGACTATATTTTATTTATAGGTTTTGAAAGACACCTGTAATGTTGTGTAATAGGC  
TGTCCATATTAATAACTAAATAAATAGTATAGAACTT  
>GBEQ3074 |Acc|CD466419|Ver|CD466419.1 GI:31387687|LeukoN2\_4\_F10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_F10\_A024 3', mRNA  
sequence.:Start:1:Stop:661  
TGCCCCGGAAAAGCTCCGGGAGGAGTAAGCTGCCGCAACGCTCTCTCCGTCAAAGCCACCGAGCTTTTG  
CCTGGGAATTCCGTGAACAGGCTGTCTCCTTGCTCAGAAAGAGTCCTGAATTTGGCTGGGGGCCTGGGG

AGGATTCCCGTTCCCCCAGCTCAGCACCCCTGCCTCCGATGAAGCACGGCTGGGGGCTCTCTGCTTCCCTG  
CCCTTCGCCTTGAAGGCTGCAGGACAGTTTTCCCTACTGTCAAATCAAGGTGTCCAGATGAGAATCTCGC  
TTTGTCCCTGCCGCTCTTCCAGGTATTCAGAGAGAGCTGCGCTTCCCCAACAGCAGGGCCAATGGGCC  
ACCCGGCTCCTCGGGCAAGTGCCCTTTGGATCCAGAGGGCGGGTGTAGGAGCTTCAGGTTCTGGGAGTGG  
GGAACTCTTCCCTTGTGGCTTTCACTCTCTTTTATCTCATCCAACCAAGTGTTCAGACCTAGAAAGGAAC  
AAAACCTCTCGTTTCTTAAAGGGGAACTGAGCCACAGGTGAGCAGGCTTTTGGACTGTGTTCTTGCA  
GCTTCCATCTGAGCCACCTCAGGGTCCCAGTGCTCCTGTCAACCTCTTGTCTATCCTTTGGCCCAAGACAG  
GGTCAGAATGTGTAAAGCTCTCCCAATAAG

>GBEQ3075 |Acc|CD466417|Ver|CD466417.1 GI:31387685|LeukoN2\_4\_E01.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_E01\_A024 3', mRNA  
sequence.:Start:1:Stop:578

GTTGCCCACTTGGAAATAAATTTTTTAATAACAACATTAGGATATCAACATTTTGGAGTCTGGAAACAT  
ATTTTTCATCTCCAAATTCACATGTCAATTCAGAGCCCATTTTGTAAATGGCACTTAAAGCAAATGTAA  
TACCTTCCCTTAAGTCACTTATGGATATAGACAAGGTATAATTATATATTTCTTTATATGTACTTTTATATA  
TATTTTTTGTAAATGTAGGCTCACTACATTACATGGCTATATACAATACAGTCATATTTTAAAGTCTGTG  
ACAACTGTCTATCTCTGTAGACAAGGAAATGGTGACATGGAATTGAATATCTTGTGGCCATGAGAAG  
GAACTCAGAGCCTCATGACCATAATAAACATGTACTGTATTCAAATTTTAAATAAGCTAATGTATTAACCTT  
TTAAAGTTTTATAAAGGATTTGTTTCAGGTGTAGAATACATTTATGTATTATTTCTGTGCTATACACACAG  
AGGAAATGTATGTTTGTCAATGTATCAAAATGGTCTCAGTGTATCTGTAATTATATTTGTAATAGTAATAA  
TAAACAACATTTCTTCTC

>GBEQ3076 |Acc|CD466415|Ver|CD466415.1 GI:31387683|LeukoN2\_4\_B12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_B12\_A024 3', mRNA  
sequence.:Start:1:Stop:503

CAGTAAACTCAAATTTGAAATAATTTTTTATTAACAGCTGTGGTGAATTTAATTTGTTATATTTTATACA  
AATGAACTGTTTAGAATCGTTTTTAAAAATTTTAAAGGAAATGCACTTCCAATACAAAAATTTTATATTT  
GCTATACAGTCATGCGCTGCATAACGACGTTTCGGTCAGCAATGGATGGTATATACAACGGTTTTCTGT  
TAGATCAGTACTGTATAGCCAGGTGTATAATAGGTTATACCATCCAGGTTTGTGTAAACGCACTCTGGT  
GTTCTGTACAACGGTGAAATCACCTACCAATGCATTTCTCAGAGCGTATCCCTGTCGTTGAGTGATGCATG  
ACTGTACTTAAATTATGTGCTGTTTGGGGACTGGGAAATGTATTTTACATTGTTTATAGCCAATCATTT  
TTATATTTATCAATTTAAATCCTGTGGGTCTTTTTTATCTCTCTACAATGTCCAATTTTGTAGTCTTCTT  
TTTAAATAAATCC

>GBEQ3077 |Acc|CD466408|Ver|CD466408.1 GI:31387676|LeukoN2\_4\_H03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_4\_H03\_A024 3', mRNA  
sequence.:Start:1:Stop:619

CAGAAACATAGCAATAATATATTGACTTCAACTATCATTAATTAGCTGTTTTCTTTCATGACTACCTAA  
AGCAATCCAGATAGAAATTAATAGATTTCTTTTTCAGGGCCGGTACAACTTCATTTCTTAATAATTT  
GTCTTCTAAATTCGAGCCCCCTTGCTTCATTGCTCTTTTGGGTGTCTTTGTTCTTCTCGGTATAGGTC  
TACTCCATGTTGACTTGTGCTCCTGCTAATTGTTGTTCTGTCTCTTCTCTTTTGTGTAACAATGGTT  
TTATTGTTGCCTCCACTTCCAGAATACTCTTCCACTCTTGTTCTCTACTGTTGTGTTAAACAACATTATG  
GGGGCTGGCCAGGTGGCAGCGATTAAAGTTCGGGTGCTCTGCTTCAGCAGCCTGGGGTTCAGTGGTTG  
GATCCCGAACGCGGACCTATGCTGTGGCAAGTGTCCCATATATAAAGTAGAGGAAGATGGGCACAGCCCT  
TAGCTCAGGGCCAGTCTTCTCAGCAAAAAGAGGAGGATTGTTGGTGGATGTTAGCTCAGGGCCAGTCTT  
TCTCAGCAAAAAGAGGAGGATTGGCAGTAGTTAGCTCACAGCTAATTCCTCAAAAAA

>GBEQ3078 |Acc|CD466300|Ver|CD466300.1 GI:31387568|LeukoN2\_3\_B10.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_B10\_A024 3', mRNA  
sequence.:Start:1:Stop:668

AATGGTCCAAGGACTTTAGGAAATGACAGCATCTTAATTATCAAAGAACATCATATTACCAGGTTTAC  
TCCAATAACCAATAAAAAGTTTCCTTTTCCCTCCCTCTTGCCCTGCTTTCTGATGGACTACTTACC  
ATAGAAATATAAATGCACTTATAATTTGTTTATGCTTCAACAGCCTCTGGACAATTTATCAATAGTAACCAAT  
TCCCACCTCTTCTTGCTTTCAGGGGCAGAAAGAGTGCCTCCTTTCCGAGGAGAGACAGGACAGTCCACC  
CTACATCCTTTATCCTTTTATAATGCTGGATACAGCCAAGTTGTAGGTGGTGGGCAAATTTCTGTTTAGAA  
AAAGGAATAAGTTGATGTGGATCAAGGCTGCCCCAGGGAAAGAAGCCCAAGGTGTCTGGCTGACATGCC  
GATCTATATGACCCAATACATATCTAAAGTTATACGACGACACATAAACCAGACCCACCTGCCTGATA  
CCATTTAATGACTTTTTACATCATCTTCCATTGTCTGTAAAGAAATAACTCACATACCTATGCCTTAT  
AACTTAGCTTTAACCCTCAACACATTGCAGCTCTTTACTGCCCATGGGTCTGTCCTGCTGCTACTCCA  
TGCTATTCTGAATAAAAGAGCACTACCGCCAGAAAAA

>GBEQ3079 |Acc|CD466281|Ver|CD466281.1 GI:31387549|LeukoN2\_3\_G08.b1\_A024 Unstimulated



peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_G08\_A024 3', mRNA  
sequence.:Start:1:Stop:721

AAATTGAACTAGTAAACAAGGAATATGCTGATAAACTGCGAGAAATAGAGGAAAAAATTGAATTACTAAA  
GCTGAAATATGATGAACAAATAAGAAATATAAGACAAGAACTAAGAGGAGTCTATTCCAAGATGTCCTTA  
GATGGGATTTTGAATATGTTTTAATAAATATGGCATGTGTTTTGGAAGCAATGTAAATTTTCATTTTTTTTC  
TTAATTTACTCTGATTGTTACTATGGTGTATATTTTTCCAAAGATGGCTACGCCAGTATCTTCTATCC  
TACTTATTCTTCTCTATCTGATGTTGATACTCCTTCCATTGAGTTATGGGATCTGTGCCCCCTTACCCTG  
AAATTGGATGGACTTCGTGACTGCTTTGATAAATAGTGGATAGTTGGAGCAACACCATGTGACTGCTCAG  
GTTCAAGAGGGAAATGACGCATTGCTCTCTTGTCTGTTTGCCTTTGGAACCTGGCCACCATGTTGTGA  
GGGAGCTCAAGTTGCCCGTCAAGAGGGCCACATACAAGGATTTCAAGTCACGGGGCCACTTCCCTGGCTG  
ATCTTACATCTGCCAGCCTCGCAAGTGAGGCAACAGAGAGAAGAGGATTGTCCAGCTGCCAACTGAGCCA  
CCTCTGAGGAAGCTGCAAGAGCAAAAGATGAGCCATTCTCACTGAGTCTGCCCCAAATGGCAGATTTCATT  
AGAAAAATAAAGGATTTCTCGC

>GBEQ3080 |Acc|CD466280|Ver|CD466280.1 GI:31387548|LeukoN2\_3\_H09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_H09\_A024 3', mRNA  
sequence.:Start:1:Stop:634

TCAACATATATTTGTATAAGTAGAAGAGCCTGTCTGGATCCAGTCATACCCCATGATAGTGACATTAAAG  
ACTGTCTTGTGGCAGAGCACAGCATCGCTTCTGTGATGCTGCCTCCAAAGCTTGAGTTTATACTGTCTAGT  
GCCCTGACTGCCTCAGGAGCTGCTAGTGTCTGTCTCTTATCTCCATCATGTTAACTAGTTCAAGGAT  
CCCCTATTTGGTGATTCTAGCTCACCAGGATCCTGCTGCTCGTTAGAGGAAGACAAAAGCAAAGATGGCT  
AGCGAAAACCTGAAAATTCTACTAGCTTCATTCAGGCAGAGTCAGCACAAAGACAGGTGGCATAGCAATCT  
TCAAGCCTGTCTCTGAGGTGTCAACATTGTTGATCACAGGACCCCTTCTCCAGGCAGCACTTTAACCACC  
CGTGGATTCTGTGGGGCAGAGAGAACCCTTATCAGCAGAGACAGGATAAGTCAGTAATCTTCACCTTTTGAG  
CCTAGGAATATTCGTATCTTCTCGTGAGCTCCTAGAATCTTTACATGCTGCCTGTAAGCACTGTCTCTCC  
CCTTTTATGTACTTATTCATTTATATTTATCAGAATGGACTCAGATTTTTTTTGTTCATGGATTAAAT  
CTAT

>GBEQ3081 |Acc|CD466260|Ver|CD466260.1 GI:31387528|LeukoN2\_3\_D03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_D03\_A024 3', mRNA  
sequence.:Start:1:Stop:548

GATACCCATAGCCTTACTCCAAATTTAGTACTGAGTTTTCTCGTAAAGAGATCCCGAGTGAGTTACGG  
TTCCTTAGTAACATCCACCCCTCTGACCTCCATTAGCCCAGCGCTCTGTGTCTACCTCTGTATGGTTCGT  
TTACACGTCGTACTGAGGTGGTTTACCATCCATCTTCTCTGCTAGATGGAGTTCTTAAAGGTGGAGGTT  
TTGTCTGTATTGCTCATTTTTTAAAAATTTTATTTTTTCTCTCTCTCCTCAAAGCCCCCAGTACATA  
GTTGTGTATTCTGGTCGTGGGTCTTCTAGTTGTGGCATGTGGGATGCCGCTCAGCCTGCCTTTACGGC  
TGGTGCCATGTCCGCGCCAGGATTGGAACCTGGCGAAATCCAGGGCCGCCAAGCGGAGCGCGCAACTT  
AACCACCTGGCCACAGGCTGGCCCTGTATTGCTCGTTTTTGTATCTTTGTGCCTAGAGTGTGTGAAAAG  
CATTTGTTAAATTGGAACTTTAAACAAATTTCTTGGAAATTAATAATAATATTGAT

>GBEQ3082 |Acc|CD466248|Ver|CD466248.1 GI:31387516|LeukoN2\_3\_D02.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_3\_D02\_A024 3', mRNA  
sequence.:Start:1:Stop:506

GGGAGGTGAGTGAGGAACCTTTTTTGGGGTGATCCTAAATTATGCAACATAGCCGCTCTTCTGCCTTCAG  
GTGAGCTTGGCCGGAACGTGTGGGCCCCGAGCTGCTCAGTGGCCATGGGTATTGTTGAACTGCCCCAA  
GGGCATCTTTGCCTGAAGTGTCTTGAAATGGGGTAGGAGTTTCTCCTCGAGACCCTATCTCCCGTTTAC  
CTCCCATTCGCAGAGGTGAGGACTTCGAGGGGGCAGGCAATGAGAGGGAACAGCTTGGGCGGAGGCGGT  
GGTGTCTGATGTTGGTTCTCTGTTCTCAGCGCTTCTCTTTGCTGGATTGACCAACCATGAGGCCACACG  
GAAGCCAAAACCAACCTTCTTTTTATAAATCATACTATCAAATGGCGGACTTGTATATAATAAATAAT  
TTCCATTCCCTCCCTTTATTTCTGTACACGTGACAGGCTATTTCAAATCCACGTCAAATCACACTGT  
CCTCTGGGCATTTTAC

>GBEQ3083 |Acc|CD466116|Ver|CD466116.1 GI:31387384|LeukoN2\_2\_E09.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_E09\_A024 3', mRNA  
sequence.:Start:1:Stop:653

CAGGGCATTGAGTGGAGAGAGAAGGGAGCTTGCTCCTTAGGTGCTCTGAAGGCCTGATTCTGGTCTCTG  
CGTCTCGTTTGGTGGGACAGATGTGGGAGGCACTTCCAGGATGACGTGCTCAGTAGCTAAACCGCTGGTA  
CTGGGTTGGCCGTGCTGCTGTGTGAGGCCTGGGCGCTCGGAGAAGTTCACAGTCCCTCTGCTGGCCTGC  
CTTCTGCCAGAAGACTTGTGGAATCAACCAGGGGAGCTGTCTGGAGGTCCCTGATCAGGGAGGGACAC  
AGAAGACATTTCTGTGCTCTGAAATATGACGAAGCCTCGCTGGGCTGCAGAAGCCACTGTCTTCCCTG  
CAGTGATGACAACTCTTGAATGTCTCTTGAGAGTTTTTAACTACCTTTCAAAGCACTTAAATGTTAATC

TAAGGTATTCCACTGTCTGTCTGAGGTGGCTTATAAAAGGTAGGACAAAACCTCTCTTATCCAGAGTCGT  
AGAAGAACAAACCCCTTTCCAAGAGAAATCGCCTTTTCTGAAACACTGAAAGGAAATCCTCCCAGTGTTAT  
AAATAGCCTATTAAAAATTTTTTGGAAATTCCTGCCTGGCAGTGCGTACCAGGCAGTGTGCACTGGTCAA  
AAAAAAGAATAAAAGCTTTGAG

>GBEQ3084 |Acc|CD466096|Ver|CD466096.1 GI:31387364|LeukoN2\_2\_C08.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C08\_A024 3', mRNA  
sequence.:Start:1:Stop:633

CATAGCCAATTGTGGTAGGTGATTGCATCAATGGCCTCAAGAATGGTTTCCATGTCTCCATACCCCTTC  
CCTGGAGCTTCGTAACCATTCCTGCTCTCACTATGGCTTGGCCTTGAGACTTGCTTTGGCTAATGGAATG  
TCAGCAAGTGTGACTCAGACAGAGTGTGCATTCCTTCTTGCCCGTTACACGATAAGTCTCGCTTGTTCTT  
GCACCCCTGCCTCCGCCATGAGAATGTGCCAGGCTGAACTGCTGGAGGGATGTGAAAAATGTATGGAAG  
ACAGTTAAGTCATTCCATTATACCAGCTGAGGTGTGCTCTTAATCAGCCATCTGACCAACTTGTAGCTGAC  
TACAGTCACATCCGTGAGCCAGTCAAGATCAGCAGGCCTGCCCGGGCAACCCAGACTCAGGAGCCACAA  
TCAAGTACCATTATTTTAGGGCACAGAGTTTCAGGAGTGTGTTTGTGAAGTATTCTTGTTGGAAGTT  
GCTAACTGATTACGAACCAATGGATTGTCGATGTTTTGCATTTGACTGCAACAATTTGGAACATAACAA  
GAGGTGATTACATCTTCATTTCTCTTAGCTGTGAGGATCTGTAATCTAAACGCTTGAATAAAGTC  
TTT

>GBEQ3085 |Acc|CD466084|Ver|CD466084.1 GI:31387352|LeukoN2\_2\_H11.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_H11\_A024 3', mRNA  
sequence.:Start:1:Stop:721

ACCCATTTACACATATTTCTTATGCATTTAAATATGAAAAATTCAAAGTAGGTAGTGGCAACTCTCTCA  
GTATTTTCCAAAAATAGAGTAATCTATCAAGATCCAAGGCTAAATAGCTTCAATAGTTCCAGAGAACACT  
AGCTAAGTACACATCACATAAGCAGTTCTCTTAGAGTAGCAGACAATTAATGTTATTTTATTTCTT  
GTAGAGTTTCTCTGAACATCTACCTGACCAAAGCATCATTTAGCACAAAAGACTTAGTCACCAATGCCAT  
ATCCATAGTTTCAAATCCAGACAGAATAATGGAAATTTATGCGTCTCCTTAATCCAGGGCTCAAAATGA  
ATCAGTGCCTTCCCTAAGTGAATTAAGCACAGAAATCAGTTCCCTCCTCTCTACGTTCTGTCTTCTTTC  
CTCATGCACTGCTTGCCTTGGTTTCATTTTCTTCTCCATGGTCCACATATTGTTTCAAATCCTACGAAAA  
GGGATTTGGAACCCAAACATAGCCAGTGATCCAGGCAGAGTGCTCAGAACTATATGACTACCATTAAGCAT  
TTGGTTTCATCTCTAGAAATGTAGCTCAGGATCTGCCTGATTCCAGCTCCACAGCCTCCACTGAAAAGCAT  
AAGCTCTCAAAGCCACATGTGGGAAAAGCACCAAGCACACTTAATAATAAAAACTAACCCTACCCCTGC  
AGGTGAGACAATCCAGTCAGC

>GBEQ3086 |Acc|CD466081|Ver|CD466081.1 GI:31387349|LeukoN2\_2\_D12.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_D12\_A024 3', mRNA  
sequence.:Start:1:Stop:669

TATTTTAAATGAAGTTAAATTTATAACTTCGGGGAGAAAACAGCAATATAATTCAGCAAGTCAAACATAG  
CCAGATTTCCAAAAGCATTGTGTTATGGCAAGTTAAGACTTAAAGCAATCACCCCTACACCCCTATTTG  
TTCCCAATATTGTTACAACATATCGAAGAGGACATTATTAGTCAAGACAGGGACTGAAATAAACTAGGG  
ATACTGTTACATTTTCAAGTTCGAGTTTCAAACCTTGAATCACTCTTCTTTAGAAGAGAAAGTGAAGTAT  
TTGGGGAACAATTTTCAAGTGAAGAACCATTCTTTTGAAGTACTAAATCAATGATTAACCTAAACCT  
GGTGCCCAAAAGAGGCAATGAATTATTGCAGCTTAGTTCTTTGTTTGCCTAAAGAATGATCCCAAGAC  
ATTAAATTCAGCGTTATTTTAGAGTAAGATTAAAGAACTTCCATTGCTAGGTAAAAAGAATGCATTGATA  
TTATCGCCATTACAAATGACCTATTTGTATGAACAGGATTTTCAACCTTTGAACTTTAAACAAAGGA  
GATAAACAGGCTCATGAGTTTATGCACAAGTGTATCCCAGTATGTTTGGACTGGAATAAAGTGAAG  
CACACAAGCACCCCTAATGCATTAATAACATCTTGCCCT

>GBEQ3087 |Acc|CD466079|Ver|CD466079.1 GI:31387347|LeukoN2\_2\_C03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_2\_C03\_A024 3', mRNA  
sequence.:Start:1:Stop:557

CAGCAGCCCTTTGGTTTTATGTGACTTGTGAAATGTTGACAGTATGTTAGAATTCCTCAAGGATTTCATA  
ACAGTTTTCCAATTAACCTTTGCTGAAAATGGGAATATTACAGAACAACCTTTGAATCTATCAGAAAATTG  
TGTTAACTGTCTGCTTTTTGAATTGTATAAGAGGGAATATGCTTTTGCCCATGTAAAGTTTCTTTGATG  
ATGTTTAAAAAATTACGATAGTAAACAGTTTCTTTTAAAAAATTAGATATTCAAAACAAAGCAGCAGAG  
TTTGACAAATTTTAGTTTGTGTTTGTGATATTTTGGGAACATAGAACCATATTTTATACGATAATAGG  
AATACCCCTCATCTTTATGCTTTTATTCTGCCCCAAAATATAAATAACATATAAAATAGGGAACTTAA  
GAGAAATCCAAATAGGTAAGTAGTTAATTCCTTGGGTAAAGCATTTATCCCTACAAAACCTGTTGACTCT  
TTTCTGATTCCAGTGGGGGGATCATGTAATTAACCCCACTCTGAAGATCATGAATAAATGTACTGC

>GBEQ3088 |Acc|CD465980|Ver|CD465980.1 GI:31387248|LeukoN2\_1\_H03.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_H03\_A024 3', mRNA



sequence.:Start:1:Stop:482

AATCTGCTGTTAGTCCTAACTGGCTAGGGAAAAATGGGCTAGCAAAGGCCATCTTCTCACTACTTGGATAG  
AACTTGAGCTATTGAAGCTTAAGCTTATTTTGATGAATTTAGCAGAATATTTTTTGAAGATGATGAGAC  
CTTTGAACTAAAAGCTGAAGACAAGTCTAAGATCTGTAAAATGTGATTTTTTTTCCCCCTTTCTTTTGTAA  
TACTTGTGGTTGGGGAGGTGTTGTGGAAATTTAATTACAGGGGGAAAAATAAACTCCTGTACCCTGTTT  
GCAGTGGTGGCGCACATGGGTGATTTAGTGGCAAATACATTTCCAGCAGGCCTTTATTGATTGTACTAA  
CCTCAAAGCTGCTGGAAAGTGGGGTCCATTTGGTTGATGAGCTCTGCCATTTTGGAACTAATCTCTACT  
CTTTAGCTCATATGCCATCTCAGGTCCCTCCTCTCATTCTCCCACTCTCAGTCCAAATAAAGC

>GBEQ3089 |Acc|CD465939|Ver|CD465939.1 GI:31387207|LeukoN2\_1\_D05.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_D05\_A024 3', mRNA  
sequence.:Start:1:Stop:620

AATTAATTATAACAATTAAATTTAAAAAGCTTCCTGGATGGCTTTACTAGCCAATTGGGGCCAAGCTGAACA  
ATTTTAATGAATGACATGCCTAGATCTTAAGGAATTATCCAAAATGCAGATAGAAGATGTACAAGTGAGT  
TTAAGAGATCCAGAAGTAGTAGTAAATCGTCGATCTGACATGCCTCTGATGGTAGGACCCAAAGGACAA  
CCAGAGAGAATGATGCAGAATTGAGATTTAAAAGATCATGGCTGAGAACGTTTTAGAATTGATGGATTAC  
TCAAGTAATTAATAAATAAATCAATAGAAATGAAAAATGATGCAACAAAAACGGGGGTGCGGGGTGACAC  
TGAACCAAGCCCTATAAAGTCTTAGAAAAATTAGATGCTGATTTTCATAAGGTCATGCCTTCTAATCTGT  
ATTGACAGATGGCATCAGACTGAAGCACTGTTTGAATTTCTGTGGAGGAGGAGGCGAATTGAGTAATCA  
TTATTTACATGCATTTTGTATCTAGCTAACTGCCAGATTCTGTTAACTCTAATCAATATTTAATGGCTGT  
CTTGATTTTCATTGTCATGTAATACTATAATTAGCAAATAAAAAATGTTGGACATTCTCTCC

>GBEQ3090 |Acc|CD465926|Ver|CD465926.1 GI:31387194|LeukoN2\_1\_G04.b1\_A024 Unstimulated  
peripheral blood leukocytes N2 Equus caballus cDNA clone LeukoN2\_1\_G04\_A024 3', mRNA  
sequence.:Start:1:Stop:551

TAGTTGTGGCATGTGGGATGCCGCTCAGCGTGGCTTGTGAGCGGTGCCATCTCCACGCCCAGGATTTG  
AACTGGCAAAACCCTGGGCCCTGAAGCGGAACACTTGAACCAACCCTCGGCTATGGGGCCGGCCCCCTG  
CAAATTCATCTATTCTTGAATCTCCACCTCAAACCTTTATTAATGAGTTAGGCTGACTCCTGCTTCCTCTT  
CCCCCTCTGTCATCTTCTCTTGGTATAGGAACCTTCTTTACTCACGTAGTGTCTTTTATATAAGCTTTA  
CAAGAAATTCATTCCGATCCCATTCACATCTTACCATGAATTTTTGTTCTTTCTTAAAGAATGATTGTG  
GGCCTGTGTGTATGTGTGTAAACTATGGGTCTTCTGTTTTCGTTTGTAAAGGTTTATCCAGAAATCCCT  
TTACACATTATGTTGCGGTGAAAAAGATTCTGTATTGGATTGGATCTGTGTGTGTGTGTTTTTAAAGCA  
TTTGATAAAGTTTAAATGTTTTTATACAGAGATTTTTGTTTCAATTAATCAACCTGCAACA

>GBEQ3091 |Acc|CD465870|Ver|CD465870.1 GI:31387138|LeukoN1\_8\_C03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_C03\_A023 3', mRNA  
sequence.:Start:1:Stop:559

AAGAAAGAACTGCTGGAAGGGGACTGGATGATGGGGAAGAGGTCTCTTGGAAAGACTAGGGACATGGGGAT  
CCCTTTTCATCAAAATCCCTAATGAAGACTTGTTTATTTCTCTTTTTTTTGGTTTCCCTCTCTAAAAAATTT  
ATTTTTTTTAAAGTGAGAGGTACCGTTTACCTAGAGTAATATGACAAGGAGATAACTCAAGATGGGGGTGC  
TGGTCATGCCAGGCAACCAACCATGTGATTAGAGGGTTAGGACTTTGAGCCAGGAGATATCAGCCCAAC  
CTCTGGGGGGAAAAGGGAGGCTGGGGATAGATTCAACCATGTGGACAGTGGTTCAATCAATTACACCTAT  
GTGATGAAACCCCAATGAAAACCTCTGGACACTGAGGCTCGGGGGAGTTCCCTGACTGGTGACACACATTG  
ATGTTCTGAAAGGGTGGGTGGCATAGTCTGAGAATATAGGAAGCTTCCCTTTGGGGGCTGGCCCAGACCT  
CATCCTATGTGTCTCTTTGTTTAGCTGGTTCTGGTTTGTATCCTTCACAATAAAATTTGTAATAATGAGT

>GBEQ3092 |Acc|CD465865|Ver|CD465865.1 GI:31387133|LeukoN1\_8\_G10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_G10\_A023 3', mRNA  
sequence.:Start:1:Stop:468

GGAATTTAAGCCATTTTTTGTCTACTTAGGTGCAAACCTGTGAGAGCCCTGAGAACTCCCTGTTACTAGCTG  
ACTGCAGAACTCCTTAGCAGAGACTGGGGCTCCAGCTTTTAAACACTTTGATATCAGGAGTTTGGATTCT  
ATCTCTCTCTCTATTTTACCTAAGTTGTCCCAAGCCTCCCTGCCAGCCTTTGATTCCACTTCCCTTT  
TTTGTTTTAAAGTTTCACTCCTTTCCAAGTTTTGGCTGTCCTTTGTACTCAGTCATTTTTACCTCAGTGT  
TTCCCTCACCCTCAAAGACCCCATAGAAGATAGACAATGGACAGCTTGCCCACTGTAGGCAGAGAGCA  
GAAAAGGGGAAATACCCATGGGAAACAGAGAATAGAGAAATAGAGCAGAGGAAAGCCCATATTGGAAT  
CAAGAAACATGTTTCAATATTAAGTTAGCCCTCCTTGGTTTTTTTT

>GBEQ3093 |Acc|CD465859|Ver|CD465859.1 GI:31387127|LeukoN1\_8\_G02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_G02\_A023 3', mRNA  
sequence.:Start:1:Stop:548

CCTGGGGATAAAATCAATTTTGTATTGTATTGATTTATGATTTATTTTATCACCCTGGTTTTCT  
AGAGTATTTTAAACAAGGAAGCATAGAGCAAGGTTTGACCTTTATTTTCTTTTATAAGCTGTGTTGGTAAAA

ATGTATCTCATTGGAATGATGCAATAACTACTTTGCGATGGGGTTTTACTATGCTCTTTTGTTCATTG  
CCTTTATAAATTAGGATATGATTTTGCTTTAATTACATGTTTTTAATTACCCAGTTATCTAGTTATCAAA  
TGAAAATGTTACTACTAATATAAATTGGAGGTCATCAAATGCTTAGCTACATGCAGATTACTATTTGTAT  
TTTAATTAAAATGTTAGTAGTACACATTCCTGTAGCGTCATTTGCTCAGTGTATATACTTTCAAGGTTT  
GGTCCAGTAGTATAGGAAGGTAGGATGCTCTGAAGTGAAAAATCTATAATGAAGATGTTACTCGTATTTT  
AAATACATTTTCCAAACCCGACAACCTTCCTGAATTCCTTCACCCAATAAATGTATA  
>GBEQ3094 |Acc|CD465857|Ver|CD465857.1 GI:31387125|LeukoN1\_8\_D03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_D03\_A023 3', mRNA  
sequence.:Start:1:Stop:659  
TGCTCACAGTCTCCGGGTCAAGGAGCCGCCATCTTGCTACAGGAAGTCCGATGCCACGTGCTTCCCGG  
GTGCCCGCTGTGTGGCTTAGAAAGCCCTGCCCTGGTGCCCCAGCCCTGCCAGAATTGCTGTGTCTGCTGC  
CAGAGCTCTGTCCGCCCCGTCTGTGAGCCACAGCACTCTGTCTTCCGGGACATTTGAAAGACGTTCTTT  
CAAGTGACTACAAAACCTTCCTGCCACTGGGAGCCATCAGTGGTGACACCATCAGTGCCTCCCCAGCTCT  
CCCTTTGCCGCTGTGTGCCCTGGTCCAGCTCCCTTGAGAGGGGGCCGAGAATGACAGATGCTCACTTTCCA  
AGACCCCGTTAAGCTAGGAGTGGCCGTATCACCCCGTTCTGACTAACAGTGTGCTGGTCAACTCCACTTC  
TGGGGAAAATGTCTGATCTGCAGCGTTGCCAAGTTCCTGGTATAAATGCTGCCACCATGGCCATTG  
AAGGGTGGTGGTGTAGTAATCAGCTCACAAAATCTAGGGAATGTAATAATCTGCTTTCTAAGCAGA  
TACAAACCGCTTCAGTGCACCATGCTTAAGAAGAAGTCTGCTGGGGCTGGGGGACTCCTGAGAAATAT  
TCCTGATTAAAAAGAGAGAGACACACA  
>GBEQ3095 |Acc|CD465850|Ver|CD465850.1 GI:31387118|LeukoN1\_8\_E11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:391  
CGACTGGAAGAGGACCCACTTTCAGTGTTCACATGGCTTTTGGTAGGCCTCAGTTTTTTGCTATGTG  
TCCCTTTCCACAGGGCTCCCTTATGCCATGGCAGTTGGTTTGTCCATAGCAAGAAATTAACAGCATAA  
AATAAAGTACCCCAAACAAGCCACAGTCCTTTTATAACCTAACTCAGAAGTGATATTTCAATTAGTTTTC  
CATATTTTATTCTTAGAAGTGAGTCAAAAAGTTCAGCCACACTCAAGGGGAGGAGATTACCCAAGGTG  
TGGATAATATGGGGTGGAGATTATTGGGGGCTGTCATTGAAGTGGCCACCCACCCCATGTTTGTGGGTG  
AGGAGAAGCTAAATTGAATTATCTATATGCTAAATTAAT  
>GBEQ3096 |Acc|CD465844|Ver|CD465844.1 GI:31387112|LeukoN1\_8\_A03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_A03\_A023 3', mRNA  
sequence.:Start:1:Stop:615  
CCCCAATTATGTCAGTGGATAGATCATCCAGACTGAAAGTCAACAAGGAAATATTGGCCTTAAATGAAAC  
ATTAGACCAATTGGGCTTAATAGGTATATAGAGAGAACATTCCATCCAAAAGCAGTAAATACACATTCT  
TCTCAAGAGCAGATGGGACATTTCTCAAAGATAGACCACATGTTGGGAAACAAAACAAGTCTCAGTAAATT  
TAAGAATACTGAAATCATATCAAGCATCTTTTCCAACCACAGTGGTAACTAACTAGGAATCAGTTTACAA  
GAAGAAAAGCTGGAAAAGTCCATAGATGTGGAACCTAAACAACATGCTAATGAACAACCTGTTGAATCAAT  
GAAGAAATAAAGGAGAAATCAAAAATACTTTGAAGCAAATAAAAATGAAAACACAACATATCAAAGTCT  
ATGGAATTCAGCAGAAGTGGTACTGAGAGGGAATTTATGGCAATACAGGCCCACTTGGAGAAACAAGAA  
AAATTTCAATAAACAATCTAAGATACACCTAAAGGAATATAAAGAGGGACATATGAAGCCCCAAATCA  
GTAGAAGGGAGGAAATAATAAAAATCAGTGGAAATAATGAATAGAGACTAAAA  
>GBEQ3097 |Acc|CD465843|Ver|CD465843.1 GI:31387111|LeukoN1\_8\_B05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_B05\_A023 3', mRNA  
sequence.:Start:1:Stop:512  
CTGGTCTAGATGCTATTTAATGGAATTTGTCAGTGGTGCCACTCGGGAATGAGGATGTGTGGTATCTGTT  
GGCAGCATCAGAAGGAAGGAGATTTTATTATGTGAGAAACAGCTGCGTGTGGCCAGTCAGGTCTGAGCTT  
TGATTCTCGTTAACCTATTTCATTGTGTTGGCAATCTTTAACATGCGGTGGGCCAATCTCTAGGGGAAAA  
TGACATACTAAAGGTAGGGATCAAGATGTAGGTAGTGGGAATTGATCCTAGGGGGCTCACTTGAGCTGTCT  
TAAAGAAAACCTTTATAGTAGAAGTTATAAAAACATCAATAGCGGGGCTGGCCCCGTGGCCGAGTGGTTAA  
GTTTCGCGCGCTCCGCTGCAGGCGGCCAGTGTTCGTTGTTTGAATCCTGGGCGTGGACATGGCACTAC  
TCATCAAACACGCTGAGGCAGCGTCCACATGCCACAACACTAGGTGGACCCACAACGAAGAATATATGTA  
CCGGGGAGCTTTGGGAGAAAAA  
>GBEQ3098 |Acc|CD465841|Ver|CD465841.1 GI:31387109|LeukoN1\_8\_H02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_H02\_A023 3', mRNA  
sequence.:Start:1:Stop:670  
GAAACAGCCAATGAGAGACGCCGCTGCGCCCCAGCAACAGCCCCGATTAGAAAGCTGGCGGCGTTCCAG  
GGGGTTTCGCGCTTCCGGGCGCGGCTGGGGGAGGCGGGGCGGGGAGGCTGACGTCAGCG  
CGCTACGTGCGGAGCGCTCCGGCGCCCATGAAGGAGCGAGGCCGCTGGGGGCGCTCGCGGCTCCCCGGG

CGGTTAGGGGCTCCCCGCTCTCCCGTGGGTGCGCAGTGGGCCGGGGCGGTTTCGCTTCCGGTTGGTTTGGCT  
CCCCGCCGAGGCGTGAGGCCCCCGGGCGCCCGCTGTCCCGCTGGGCGCTGCCCTCGCCGGGCGCCCT  
GCTTGGCCGTACTTTCCGCTTTGAAAGTTGGCGGGGGCGGCGCCCGCTTCGTGCCTCTCTGGAGCCGTA  
GGTTTTGTGTGCTCGTCTGGGAGAGGGACGGACTTCCTTGTCCGGACAGCCCGCGCTGGGTACTCCGCCG  
CGCTTTCCGAGTGGAGGCGAGTTTCCCTCAGTGCTGTCCAGAGTGATGAAGTTCTCGAAAGAAAAGTTATC  
AGCTGAATCGAGCTTATGCTGCCCGCTTGCCATGCTGATGGACTCTCATAACATTAATTAACAAACGG  
GATTAAGTCGCTGAGATGATTTGAAATTAAGTAACCTTG  
>GBEQ3099 |Acc|CD465826|Ver|CD465826.1 GI:31387094|LeukoN1\_8\_E09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_8\_E09\_A023 3', mRNA  
sequence.:Start:1:Stop:647  
TAAACCAATATTTTTGGATCTCATTGTTGACAGTTCCTCAACTTATTTTGTAGATTTTGACTTCACTTCA  
TGGTGGTTATGCAACCAAGTCATTTTATACAAAGATTTTAAATTTTTCTGGAAGAGACATACATTGAAA  
TGGCTTTCCCACTGGAGTATTTGGGTGGGAGAGAAATCATACCTAAATTCATTTTTTTAACCTTAAAAATG  
ATTTCTTTATTTGTCTACTCCTTGTTCAGAAGAGCAATTCAAAAGGTTTCATGTTCTTATGCAAACGGCTA  
ATTAGACTGTAACAGGATATTTTAAATAGTTGACCCCTTTGGGTATTTTGGTATAAATATTTTGTGTTG  
TTGTTTCTCCATATGTTCTTATCGGAAATTCCTTGTGTTGATCTTCTGAAGGAAATATATATTTCTTTT  
ATAAAGAAGCAATTTAAAGTAATTTGTGAGTTAAATCAAAAAATAATTTGTCAAAGACTAAATGACAA  
GGAAATGTACGTTATGAATGCTGTTGACAATTTATGAGAGTACATGAATTCATATTACTGTTACAAGATA  
TCATTGAGTGCAAAAAAGACCAAAACCTCAATAAAATTTGAGGCAACATAATAAGTGTTATTATGTAAT  
TGAATAAAAAACATTTG  
>GBEQ3100 |Acc|CD465767|Ver|CD465767.1 GI:31387035|LeukoN1\_7\_D09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D09\_A023 3', mRNA  
sequence.:Start:1:Stop:496  
TGCAAGATGTGAGCAGAATATTTTAAAAATAATATTTTTATGTTTCGTGGTTCTAGAATAGAAGGCAG  
AAATGCAGTAAATACATTTTGTGTTTGTGTTTACTACTTCAAGCTTCATTTTTTACATTTTCAAGTTTAT  
TAGGTTAAAAAAAAGGCAGCCTTGGAAAGGCAGCTACTATGGAAATTCAGTTTGCATTAAAGATAAAA  
TAGTATTTTCAGCTCCATTA AAAACCATTCCTGCTGAAACTGCTGTAGAAATTTGTGAAGCTGCATGAGTG  
GAGAGTATTGAATCTGTGATTATAGTAGTTTCTCAGGTTTGTGATCTCGATGTTCAATGCAGCTGTGTT  
TTATAAATAGTATTTAAAGTTGAGTGATACCCAATTCCTATGCAAGTGTATGTTGTCATTGGCCTTTTGTGA  
ATGTGCATGTTTTAACTACGAATTTTACACATTTTGTCTCTAATTGTTATTAAAAACGAAATAAACTT  
TACCAT  
>GBEQ3101 |Acc|CD465746|Ver|CD465746.1 GI:31387014|LeukoN1\_7\_E08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E08\_A023 3', mRNA  
sequence.:Start:1:Stop:467  
AGAACAATTAGAGGCAATTAAGATAGCATTAACCTTCTAATGGAAAGTTGGCATTCTGTTTATTAGGA  
TTAGCTATCAGTACTGAAGTTTCTGGGGGTAGAACTTAACATAAGCTTCCAACATCCGTGATACACGTT  
GTTTTGAACTTTGTGATGAAATTTCTGCTGGACCTTTTCTTCAATTGAGGTGACAGGCGTCCCTGCACTG  
CCTGAAAGCTGGTTCACTGCTGGTTCCAATGTAACCATCCTCGCTAGTTATGAAGCAGTTTGACATCTGA  
GTTCAAGCTTCTCGCTAGTTTCTGATTTATAAGTACTAATTTCTTGGAAAACCTTGACAATTTCCGAACA  
GTAAAAAATTCAGTATTCGTTACCCCACTATACAGAGATAACTGCAGTTAAATGTTTGGTGCAATTTCT  
TCCAGTTTTTTTCAATGTATAAATATTAATAATTTTTCATAGTTGAG  
>GBEQ3102 |Acc|CD465735|Ver|CD465735.1 GI:31387003|LeukoN1\_7\_D11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D11\_A023 3', mRNA  
sequence.:Start:1:Stop:371  
GCCCCGTGCCAGTTCTCTGTGGACCCCTGAGGAGCTGGAGCTGGAGAACAGCTGGGCCTCCTCATTTATGA  
CATCTCTTCCAAGGAACACACAGCACTGAAACCGAGGCTCATTTTCTTCATGTTCCCGCAGGGCCTTATT  
GAGCGCCTCCCTCCTTCCAGTCCGGGAGGGGGCTCCCCATACCTGTACCTCCCCAACCCCTTTGAGGG  
GCACCCACAGTCTGTGCCGGGAGGCTGGGCAGAGAGCTCGGACCCAGCCAGGAGGGCAGCAACTGCACA  
GGCTCCCCACCCGGGCGCTGTGGCCCCAGCCTGTTCCAGAACTTAGAGAGTGCGCCTCTGGAAAAGCAG  
CCGTGTGGGAAAATAAAGGCT  
>GBEQ3103 |Acc|CD465724|Ver|CD465724.1 GI:31386992|LeukoN1\_7\_E05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_E05\_A023 3', mRNA  
sequence.:Start:1:Stop:506  
AGTCCTGGCCAGGGGCTGCTTGAGTCTGCGATTCTCAAACACTTTGGTTTCAGGATATCCATACCGTCT  
TACACCTTAGCGAGGGCCCCGAGGTAATTTTGTGTTTCTTGGTTATATCTATCCGTATTTACCATACTA  
AGAACCAAAATTTTTTAATACTTTTATTAATTTCTTTAGAATAACATTCCTTAAGCCCTTGTAAGTTAAC  
AAAAACGTTTTTTATGAACATAACTATTTCCCAAAATAGACAAGGTAATAAGAGTGGATCTTTTACATTT

CTACCTTTTTCGAAGTCTCTTTCTGTCTGTCTCATGAGAAGACCACTGGATTTTCATATTTGTTCTGCA  
TTTAATCTGTTAGTTTGGTTGAAGTATAAGAAAAAAGTACAGCCTCACGCAAAATATGTAGCGGTAGTAT  
TTTTAATAACTTTTTTCAGATAATTGTGAATATTCCTCTGATACTAAAAATAAACTACACAAGTAGTAG  
TTTCTCAATGTTTATT

>GBEQ3104 |Acc|CD465716|Ver|CD465716.1 GI:31386984|LeukoN1\_7\_D02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_7\_D02\_A023 3', mRNA  
sequence.:Start:1:Stop:463

GATCCTGATCATTTTCTCGCTTGTATTTCTGAAGGACATTGAAATCCTAGACAATGGAATGTCCGTGC  
TCTGGAGTGTCTCGCAGTGTCTACACAAGTAGGCAGAGAACTTAGCTATGGCGATGAGTCAGCTTGAGT  
TTCTACCTGTGATAACCCAGTGGGTGACACTTGAACCTTCTCCTCTAGTCTGCAGTTTGATAAAGAAGG  
TTCTTGGATTCTATTGAGCAGCTTGAATTTGCTACTTAAATAGTGCAATTTGCACTTCCACACTTTGTT  
TTTAGCACACTTAAATCAGAAGGCAAAAATATTTCTTGGTTCTAGGAAGCCGTGCACCCGGGCTATCCCT  
GGGGTTAGGTAGCGGAACACAGTCTGTAAGAAGAGCACTCGAAAATTGGAGCTGATGAAGGTATCCTGTG  
CCCCCTCATGGATGAGACAAAAATAAAGTTTTTGAAGTTGAGAC

>GBEQ3105 |Acc|CD465654|Ver|CD465654.1 GI:31386922|LeukoN1\_6\_A12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A12\_A023 3', mRNA  
sequence.:Start:1:Stop:664

AAAGAAAAGGAAGCATGAAGATTACCAAGTATGCCAAGGAAATGGGTGCATTTTAGCTGTAGAAATGTGT  
GCTGGTTGATACATCTGTCTGGTACTTTAATTATAACTTGATGTTGCAAGAGTCCATCATATATGGTCAG  
TATGCAGACATTGACTTAATGTCAAGAAAATGCTTAATAGGGTTGACTCGGTTTTTTTTAAGAAAGCTGT  
TTCTTGAGCTGTTGACTATAGATGAATGTTTACCCAAATTTAAAATGTTATTTAGATAATGATGTGTGAG  
TGTATGCTCATCAGTTGTACAAATAGAGCACCCCTGGTGGGGGATATTGATAAAGGGGGAGGTTATTCCA  
TGTGTGGAGGCAGTGGGTATTTAGAAGTCTCGGGGCTGGACACGTGGCCGAGTGGTTAAGTTCCCGCGC  
TCTGCTCAGGCGGCCAGTGTTCGTTGGTTCGAATCCTGGGCGCGGACGTGGCACTGCTCATCAAACC  
ACGCTGAGGCAGCGTCCCATGCCCACATAGAAGGACCCACAACAAAGAATGTACAACCTGTACCTG  
GGGGCTTTGGGGAGAAAAAGGGGAAAAAAAAGAAATCTCATCTTCCCGAAGTTTTGTTGTGAACCTAA  
AACTGCTCTAAAAAATAAAGTCTGTTTTTAAAAA

>GBEQ3106 |Acc|CD465653|Ver|CD465653.1 GI:31386921|LeukoN1\_6\_A05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_A05\_A023 3', mRNA  
sequence.:Start:1:Stop:615

AATGATGTAAGTATTATGAACCTCAAATTAATAAAAAAATTTAAAAACCCAAAAAGTCTCTTTCTTTTGT  
GGTATTTGTTTTGTTTAGAATAGACATGTCCAAGCCACACCTCAGATCTACTGGAATCTAGAAGTGCTGC  
CCCCAGAAATTTTGAATAAAGCTCCACAACGCTTGTGATGTGCCCCCTGGGAAGACTGCAGCAGGCAGCC  
GAGAGGTTGCTGGGGCCCTCGTGCAGGCTCACAGGCCCCATTTCCTGAACGTGCACATCTCTTTCCCAAC  
CTCTCTTTCAGTGATTTTACGCTGGTAGCTGGAAATCACTGTGGGGGGAATTTTACACCAGGGAAATGG  
GCTACACATCAGCAGCCTCCCTCTCCACATTCCTACCCCGACCCAGAGCCAGTTCACCAGCAACCACTAG  
AAACGGAAAACAGAGCTCTGGATTTTCATTTAATTTTGTGTTTATTATACTTCTTTTACCTACTATTGTT  
TTCCATACTTAAACTTTTTTTTTTAAATAAAAAAGGGAAATCAAAAAGTTAAATGTATCTAATTTTAGTTGT  
TCTTAACTATTTTAAAAAGTTGTATTACATAAATAAAAAATAGCTACTAATTAACA

>GBEQ3107 |Acc|CD465644|Ver|CD465644.1 GI:31386912|LeukoN1\_6\_H10.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H10\_A023 3', mRNA  
sequence.:Start:1:Stop:609

ATTTGGCTTCTCAGTGTCTGAACAAGCAATCGCCTACTCTTGCTCCTCCTCAATCATTTTTTCCAGTGAG  
CTCCAAGCAAGTGCAGTCTCCATTATATATAGAGGGGTAACAGTTAAAGCATAGGTGCATGCACAACCTA  
AGTCTGCTAAATAACGGGAAGCAAAAAACAGCAAAAGACAAAGAGGGGAAAAGGAAAGTTAGCGCATTACA  
ATTTCCCTAATGACAACAGAAAGAGCAAAAGTGTACCCCTACATAGTTTGAATGAACCTATTTTCCAAAGAA  
TAACTGAAGGCTTACCAAGCTTACCACAATAATTGTTCAAGTCTAAAGGATCAATCAGTGGAATCTAAC  
TTCATTAAAGAGATATATTAGGTTATAAACTGAAATTAAGAGTGGAGAGAGGAAGAAAAAAGTCCATTTTC  
TGAAGACAATTTCTCTGTAGTGTCTCAAGTAAACAAAACGTAATACTGCTTTCTATTAGCGAGGTGAA  
TATCACTTTAGAGGCTGTCTGATCTGAGCTCAGTAACTTAAACAATCTTTTGTATTAGTTTTTACTT  
GTGTAAGTAATAACGAACACATTTATTATTAATAAATTTAAATATTACAA

>GBEQ3108 |Acc|CD465631|Ver|CD465631.1 GI:31386899|LeukoN1\_6\_H09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_6\_H09\_A023 3', mRNA  
sequence.:Start:1:Stop:541

CTCACTTCTACCTCCCCCTCCGATGAAATGTTTCTCAGGTTCTGCTTGAGTAAATGGGATCACGCCCTCC  
CATCTCCCCACCTTCTGCAGGAAAAATCCTGCAGTGGCTTCTGCTGGTGTGTTGCCTCCCACCCNCTC  
CCCTACTCCAGGGATCTAAGTTGATTCCAGTCACAGACCAGGTGCTCCTTACCCCCAGGGCCTTTGCGCC

TCCTTCTGTGAAGTCTTAACTGCCCTTTTACCCGTCTCTGCCCACTCCTCCTGCAGATCTCCTTACACCA  
GTTTCTCCTACTTATTCCATCTGAGAGTACTTTTCTTCATACCACTTCCCAGTGTAACCCACTGTCTCTT  
CCATCACACCCCTAGCATGTAAGCTGACAGGAGGAACCTCACTATTCTGTGTTTCGCTATTATGTTCCAG  
CACCTAGCATGTTTAGTAAATGTTTGTGAATAAATGCATAAACTTCTTATCTTTTGAGACTAGTTCCAG  
CTCATAATGCCTCTTAGATATAATAAATTTGAATATTCTACTTTTACCAAA  
>GBEQ3109 |Acc|CD465531|Ver|CD465531.1 GI:31386799|LeukoN1\_5\_H08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_H08\_A023 3', mRNA  
sequence.:Start:1:Stop:691  
CTCCTTCCCCCAAAGCTCAGAACCAAGTTCATGCTATGGTGTGAATGACTACCCCTTGGCTTGGTATTAC  
AAACTCTAGTTATATTTGTATATGAAAAGAGGGCTAATGCTTAAGAGGCCAAATGGATGAGTGGAGGAAT  
TTTAGGAGCTGTGTGGAAGGGGCCAAGGCGGAACTTTCCTGGCCCTGGGAGTGAGTGTGGGGGTGTGGT  
TAAATGAAGGAAGATGGAGGTTGTTCTCAGGGGTCTGGGACCAGGCTAAGGACTGGGGTTTGGGACTTAT  
CTGCACCTTCTTGGGGACAATATTTCCCAAGTAAAGGAAATAAGCTGTACATGTGCTTGTTCCTTCT  
GAGCCTGGTGCAAGTCAGTGGGGTGGTTATTGCTGTGTGACCCTGAGGAGACCATCTAATCTCTCTGAGC  
CTCCTCTGAGAATGAGAATACCCACCTTACAGGGTGTCTGTGGGCTCGGGTCCAAGGCACAGGGAATGAC  
TTTGCCAGCCCTAAAAGTCAGCGTCTTCCAAAGACCTGCGTCCCCCTGGAGGCCAGCACCACCTGCCCTACC  
ATGGGTGCTGGAATAGCTGCTGCTGCCCGCACACAGGCCCTCAAGCATCCCACGGTCCCCCTCCCTT  
CCTGTCTTGCCTTGGCCCCACAGGCCCTCCTTCTGGAAAATAAATCCTCTGCAACAGGGAAA  
>GBEQ3110 |Acc|CD465523|Ver|CD465523.1 GI:31386791|LeukoN1\_5\_E01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_E01\_A023 3', mRNA  
sequence.:Start:1:Stop:502  
CCCCCACTCTGGGGTCAGCTTTAGTTACCAGGATCTACACTGTGAGCAAGCACCCAAAAATTGTCCCCCT  
GGTAATAGTGACCCCTCTCAGATACAGTTCTTCCTTTTTTTCTGACTCTTTTAACCAATGGTTGTAAGT  
CTTGGGATATGTATTCTCGCACATATATTTCTTTCTTTCTAGACAGTGCGAGCGCCAGGAAGTTGTGGAG  
CGGGGGTGATCTATTGTCAATGAGATGTTCTCCTTCCCTTCTGCTCAAGGATCATAGAACTCTGGCATAACCAATGCTA  
GAAGAAGCTTCTAGAGGTCTATCGGCAACTGCTTTTAAAGAATCCGTTCACTATATAAAAGACTAACCAG  
ATCCATTCTTCCATTGACGGTCCCCACGGCTCCCTCCCTTGTCTTCAACCCCTCTTGAAATCAAGACC  
GCCAAGTCTTTTTGTAAAGTCTCGCCTTGCTGAGCTCTCACTCCGTGAGTGACCTTAATTAAGAGAG  
TTGCTTTTCATCC  
>GBEQ3111 |Acc|CD465521|Ver|CD465521.1 GI:31386789|LeukoN1\_5\_C11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_C11\_A023 3', mRNA  
sequence.:Start:1:Stop:671  
AGGTCAAGGCACAGTCCAGCCACCTAGCTTGACAAGGACTCACAGCAAATGTGTTTTTCATAGCCCTAA  
ACAGAGGCTCCTCAAATCTAGAAAACTCAGTAAATCCTGCCTCTCCTTTCAATCAATCCAGCAATCTGA  
GCGCTTCTCAGGACTGTACTACCAGCACCTCGGTCCAAGCCAGCATCATGTCTCACTTGGGTTACTGCGAG  
TAGTCTCCCTGACGGGTCTCCCTACACTCACCCCTGCCACCCTACAGTCGATTCTCACCACACCGGCCAAAG  
TGATCTTTTTTAAGATGTGTGCTCTCTTCTTCCCTTCTGCTCAAGCCATGCCCAGAGCTCCCCCTTGCA  
ATTAAGAGGAAAGCTAAGACCTTTGGAACGTTCTACTAGGCGCTACATGATCTTGCTCCTCACTGCCTCT  
CTGACCTCATCTCCTGCTCTTCCCTTGCTTCTTTAACACACGAATTCTACTTCTGCCTAGGGCTTATGCT  
ATTTCTGTCTTCTGGAAGGTTCTTCTTACAGATATCTACATCGTACTTCATTATGATCTTTCTCAAGT  
GTCACCTTATCAGTGAGGTCTCCTTGATCCTTTAGTATAAGCCAGTCTCCACCATCCCCAATCCCTT  
TGTTTAATTGTTTAATTGACAATTGTTTAATAAACAAATCTC  
>GBEQ3112 |Acc|CD465492|Ver|CD465492.1 GI:31386760|LeukoN1\_5\_A11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_5\_A11\_A023 3', mRNA  
sequence.:Start:1:Stop:392  
GGCTCCTTTAGGCAGGGGGGTTTTAAGCAGTACCTCAAGTTGGTTTTCCAGAGGGCTTTGCAGGACACTC  
CTGAGGCGGAGGAGGGTGACGGAAGCACTCCTCAGGAAACCCTGGACATGTCCACTAGCAAGTTGGAGCA  
GTGATGAAGAGCCCCTGCTGTGGTTCGGTCAGTAGTGACTGCGAGAGTCAACGCTGCCCTGCCAGACCTGG  
CAATTACCCCTTTTTTTTGGCCCTCATGCCTTTAAATCCCGGGATTCCCCAGTGTTCCTTTCAGACAGAT  
TGTTTTTAGTCCAGCTTTTTTAGTTTTTTTTCAGAGAAAGCATTAGTTTGAAAGCTGTACCTTTCCATCTT  
TTTTGACGTTACCAATAAATTTTTCATGTTTTCTTCTCTG  
>GBEQ3113 |Acc|CD465425|Ver|CD465425.1 GI:31386693|LeukoN1\_4\_D06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_D06\_A023 3', mRNA  
sequence.:Start:1:Stop:669  
GATAGTTTTTAAGTCATTGGGGTCACTAAGAGTCATATGATGGTCACCCCTTCTTAAATTCATTATAGA  
TGGAATTAGTGAGATTAGGCAGATTTAGCGAAAAATAAAAAAACTCATTGTAGCATATTTTAATAAG  
TGAATACCAATACATAGAGTAATATATATAGGTTTGAGAAGAAACATAATAGTCTGTGGGGGCCATTAT

GATAATGGAGTTGCATTATATATTACACATTGTATGGATGTTGGAATGTATCACTTTGGGGGAGTCTCCC  
TTCATTAGCAATCATGCTGTATGTAAACCTTTGGGGTTGTTTGTGTTTGTGTTTTTACCAAAC  
TAGCATTTTCATTTTGTGAGTGACAATTGACTGATACTTTTGAATAAGTGTTATCTGGGCTTTTGAATTGT  
TGAATGATCAGTTTGAAGGATGTTAGAAATTTAGAGTTAACTCAAATGTGAAAAGTGTACACAAAAA  
GTAATTTTTGTTTTCTAGCTATATCAATGTAAAAAAGTTGCAGATAGTGATATATATTGTGTAAACATATGT  
ATATTTGGTCATAAAGGCAGAGAATTAGAAACATTGTAAATTAAGCACTTTAATTCCTATTAAATATTA  
AACATTTGTATCTTGTAAATAAATACATCCTTAAAGAAA  
>GBEQ3114 |Acc|CD465417|Ver|CD465417.1 GI:31386685|LeukoN1\_4\_F11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_F11\_A023 3', mRNA  
sequence.:Start:1:Stop:810  
AGTTATAAGAACAGAGAGTGAAGAGTCCTTTTCAATTGAAACCTATGTAGTAGTTATGTAGAATGTAGT  
TATATTAATAAAGAAATAAATAGTCTTAACGTTTGTGAAAGAAGTCTCTAGAAATATCGTTTGGTAGTGT  
CTGTTAGTTTCCCAGGACTAATTTTATGTCCAGTGTGATGTTATCAGAGCGGTCGCTCTGTTTGTGTTTTTA  
AGCTATTTAGTAGAACTAATTATGTATATATTTTTTAAGACAGACTTCATTTCCCTTGCTAGCAAATAACC  
AGAGGAAAAATGGTCAGTTGTCTGAATGATGCTAAATATGTTTATTTCCCTAAAGATAAATGTCATCCAC  
ATTTTCCAGTTTTTCATCAATATGTTAATGGAGTCCCTAAAATAAAAAATCCAAGGGATTCTTCAGTAAAA  
TAGAATGTGATTTTCATCCTGCAAGGGGTGAAGAACGTCCTTTTCGATGACATCAGTTAAGCAGTGAAGTGTG  
TTCCCATGGGGTCATGGTGAGCCCTGTGGACTTTCCATTTCATTATGGATGAGACTTTGAAGACTCACCT  
TTCCTGAGGCTGCTCTGCTTAATTTCTGGAATGGACATTTTATAACAGCAGTCTGGTCTCATTTTTTA  
ATCTGCAGTAATTGAACAAGGCATAGAATCATCTATAGCATAGGTATCTCTTACGATGTTTACGAAGTAC  
ATTTGAGAGCCTGATTCATTTTGGAAAAACAAAAACAAAAAATGACTTCTACAAGTCTGCTGCAGTCTGTA  
TTCAAAAAACAATAAATTTCTTTATTAATAAATTTAAAGCCAGG  
>GBEQ3115 |Acc|CD465404|Ver|CD465404.1 GI:31386672|LeukoN1\_4\_E02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_4\_E02\_A023 3', mRNA  
sequence.:Start:1:Stop:584  
ACATCGCTGTACAGGTTATTCTACTTCAAAGGAAGCCTTTCCATATTGTTGTACATAAGCTAGCACCAAT  
TTTATATATAAAGAAAAGGTTGTATCGTCCCTAGGAAGACAAGAGGTATTTTCTTTTATTAACAACCTTA  
TTGAAGTTTAAATTTTCATATAACAACTGAACATATTTAAAGTGTACAATTGTTGTTTCCCTCATATGTAAA  
CGTGTTCCCTTGAATCACCATCACAATTAAGCTAGTGAACATATCCATCATCCCCCAGATTTCATCAT  
GCTCCTCCCTAGTGGCTTCTCCCCAGACAACCACCAACCTGATTTAGTTTGCATTTTGTAGTATTTTATA  
TAAATGGAATCATACAGAAATGCCTTATTTACTTTTGGTCTAGTTTCTTCACTTACATGATCATTTTGAA  
ATTTCATATATCTTGTGCTTGGCTCAATTTTTCAGTCTTCTTAAATGTTGAGTATTGTTTCTTTGTACGG  
GTATACCACAATTTGTTTGTTCATTTTACCTGTTGATGACATTTGGGTCGTTTTTCAGTTTTTGGCTCTTAC  
AAATAAAGCTGGTAGAACATCAAA  
>GBEQ3116 |Acc|CD465333|Ver|CD465333.1 GI:31386601|LeukoN1\_3\_F12.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_F12\_A023 3', mRNA  
sequence.:Start:1:Stop:530  
TCCTGAGCATGAGCTGTGGCCGCCGCAAGTCCCCGGCACCGTCGCCCAAGGCCTCGGCCGGTCCCAGCAG  
CCCTGAGACCCGGCGCTGCCAGAGGAAGCGCTGTGCGACGGACCTAATTATCTTCCGTGGAAACTGCCTT  
CCGCAGCCGCAACCAGAGCCGGGCAGAGTCTGCTCGGCCCTGCCCTCAGGCAACAGGAGAGGGAGGAGT  
GGAGCTGAGCTGTCTTCCGTGTTCTCTGCCGCCGAGGCTGGGACAGGCCCTGTGACCCAGAGACCAAGG  
CTGTCCAGTCCATCTGCTTCTTGGGACAGGTGCAGGGCCTCCTGGGCACAGCGCTCTGGCTCTTGGGGAC  
TCAGACTGCGGGCCCGGGCAGCTGGGCCCAGAGGCTGTGCGCTGCCGCCGAGGAGGACGGCCTCGCCGGA  
GGCCAGCTTTTCCGTGCTGGCAGCCTCGGGTCTTTCTTAACCTTGCCTTGCATGTTGTGCTGAGCTGCCGTTT  
CTCCCTCCGAGACTGAAGTGACGGTAATAAACTCGGTTTG  
>GBEQ3117 |Acc|CD465327|Ver|CD465327.1 GI:31386595|LeukoN1\_3\_H09.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_H09\_A023 3', mRNA  
sequence.:Start:1:Stop:541  
TTTCAACATACAGGATCTTTTACACTGACAATCAGAATAAACTAGTGAGAATTCTTCAAACAAAAGTTGG  
ATTTAAATGATATTTGAAAGAAATATGGAAGGAAGCCTTAAGAAAAAATGGAGAATTAGCCATTGAAATT  
TGATTCTTTTGAATTTTCTTGGGACAAGCAACAACGTTTTTATATCAGTATGTTGTGTCATGGTGGTTTTC  
AGGAATGGCAGGAAGGAAGCATATAGGTAAAGTGAACAAAGTGTAGAGAACCACCATCTAGGAATGAGG  
AGGCTCTCTTTGCAACTTTTTTACACTTCTCAGATTATCTTCAATCATGATCCTGGTTTAGGATAAAAGTT  
AGCAGGATGTTATGATAATTTTGAATCTAAATTAATAAATTAATTAACAAAACATACCTAAAGGAATG  
GTACGATTTTATGACAGCTTGGAAACAAGACCCACACTTAACAGTTTCACACTTCTCCTAGATATAGTAAA  
ATGATTGGCATGCACTTTTGCTTGTAAATAAAATAGTATGAATTTCTGTT  
>GBEQ3118 |Acc|CD465300|Ver|CD465300.1 GI:31386568|LeukoN1\_3\_G11.b1\_A023 Unstimulated



peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_3\_G11\_A023 3', mRNA  
sequence.:Start:1:Stop:628  
CCAAATAGAACTTGTAAAGACCAGAAATTTCTTTGTTTTACCTTTATAATCGAAAGAATCAGTTTAAGGG  
ATTGAAAACCTTGGAAATAAGAAAGAGGTAAATGAAAAGCTAGTGGTTCATCACTCATCGTGCCAGATGC  
TGGGGATGCCTGAAGGGCAAACACAGTACCTGCCCTTTAGGGGCTTAAATTTAGTCTTAAGAGACCCC  
ATTTATTAGCATTCCACTGCCCTTTAACTTGCAGCAACTTTAAATGGTAAAATTCAGGTTGCTATTTCAGA  
GAAGGCAAAATTCCTTTGGTAAAGAGCATTGGGACCACTTTTCATCTAAGACGGTATGTTTTCGACGA  
GCCAGCAGAAGAATTAATTCACATGAAAATGTTGGCAGAGATGAAATGCTTTTAAAAAAGATTCTAAAC  
TTAAACCTATCTGATGCTGCCTGCTATCTAAAAATAAACAAAGGGAAAAGCTGAAAAGAAAGCTTGGTTTG  
GCTTCTGATATTTTATTTTATAGGTTTTCAAGTTGTTATGCTGCCATCAGAAGTACTGTACTCATTACTCT  
CACATTTCTTTTCGAAATGAGAGATGGTGTCTAAAAACTGGGCAATTTATAATAAATCTTAATAGTTA  
>GBEQ3119 |Acc|CD465182|Ver|CD465182.1 GI:31386450|LeukoN1\_2\_E06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E06\_A023 3', mRNA  
sequence.:Start:1:Stop:455  
GGTGCTGTTGCTTGCTATGTATGAAGAGAAATGTGTCAAACAAGTTTACTGTGTTCTGAAGAAGGGTGTG  
AACACAGTGTTCATGGGCTTTTAGAATGCTTTTCACTTTCAGTCCTTGTAACTCAGCTGTTTCAGTACCT  
AAAACAAATTCAAATAATATGAACATTATCTCTACTAGAAGTAACGTTTTCAAGTTTTTCATGGCACATT  
ATGATTGTAATGTCTCTCAGTTTTAACAGTAAGTCTGTAGGAGTCCCGTGAAGATTCTGAAATGTCTG  
TAGTAAGTGTAGTCATGTTGAATAAGTGTAGTATGAACAAAGTATTTTATTGCACAGGGTTAACAAACA  
GTATGGTGCCTGCCAAGGCTACCGCTGTTTTATTACAACATTACCTCTGTTTTTATAAAATGTACCAAG  
ATTTAAATTGATAACTTTATTTTACATGTAAAAAA  
>GBEQ3120 |Acc|CD465180|Ver|CD465180.1 GI:31386448|LeukoN1\_2\_B08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B08\_A023 3', mRNA  
sequence.:Start:1:Stop:200  
ATCCATGCATATACCCAGGATGTGGATTAGGCCGTGAACCTTGGCACAGTAGCTCCTCTAGCTTTTTTGAG  
ATGATGCTCTCACATTCTGGGGCTCAGTTTTGAGTCTCTGAAGCACTAGATCCACACAAGGTCCAG  
CCCAATGTCTCTTGTACTTTTATACTGTCTATTTTGAGAATAAAGAGAAAGATGAAAGA  
>GBEQ3121 |Acc|CD465167|Ver|CD465167.1 GI:31386435|LeukoN1\_2\_B02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_B02\_A023 3', mRNA  
sequence.:Start:1:Stop:457  
TTGCCTAAAACAACATCTCAGAGATTTTCTCTGGTTTTCTTTTTTTTTTTTTCTTTTTTGGGTGAGGAAGAC  
TCACTCTGAGCTAACATCTGTACCAATCTTCTCTATTTTGTATGTGGGCTGCTGCCACAGCATGGCTTG  
ACAAGTGGTGTAGGTCTGTGCCAAGGATCTGAACCCAGGCCACCAAGTAGAGCGCATCGGATGTAACATA  
CTATGCCATGGGACCAGCCACTCTCTTGTGTTTTCTCTAGAAGTTTATAGTTTTAGGTTTCACATTT  
ACTTAATGATCCATTTTGAATTAAGTTTGTAGAGATGGTGAGGTATGGACCAAGTTCATTATTTTATTA  
TACAAATATCCAATTTTCAATACTATTTGTTGAAAAATTATCCTTTCTTTATTGAATTGTGTTGTAC  
TTTTGTAGAAAATCAATAAATTGTATGTATGTGGCTT  
>GBEQ3122 |Acc|CD465165|Ver|CD465165.1 GI:31386433|LeukoN1\_2\_D06.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_D06\_A023 3', mRNA  
sequence.:Start:1:Stop:510  
CTGTTGGCAGGAGGCAAGCTTAAAGCTTCCCTGGAACTCTCACATCTGAGAACAGGAATCCACACGTA  
AACCTTCCCTGTGATGGGATCTGGCAGAACTGAGGCCAATAGATGTTTGTCTCCCTACTAGATTATG  
AGTTCTTGAAGGCAGAGTGACCTCCTGAGCGTCTCAGTGTCCACAGGGCCAGCGCAGGGAAGGAACCAG  
ACCTAAACAAGCTAAACAAAGTTGTGTTGAATTGAATCAGAGAGAGGAGAGGAATGGGGCTGCTGTGCC  
GCAAGTGGGTAGGAAGGAAGCCAACCCCGTCAGCCTTGACAGGGGTAAGAAAGTGAATAACGTCATTTT  
GTTGGAATCCATGCAATGTATGTTCCACATGAGTATATATTTATTTTGCCTTTCTAGACTCAGGAGTAT  
GCTTCCTCCACTTCAAACCTCAGTACCTTTTTGTAGACTATTGTATGTCGATTGTTAACTGTTCCAAG  
TAGCACACATTAATATGCT  
>GBEQ3123 |Acc|CD465156|Ver|CD465156.1 GI:31386424|LeukoN1\_2\_D01.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_D01\_A023 3', mRNA  
sequence.:Start:1:Stop:516  
CAGCAGCACAGCGCGGGCAGCGCCAGCCTGGGCAGCGCGGGCGGGCGGGCTCCTCGGAGCTGCTC  
CCTGCGCCCGCAGCAACCTCAGCAGCGTCCCAAAAGCCCCGAGCCCGCCAGGCGCGCTCGGCGGCC  
TATAGACTGCACGAGGGTGGAGAGGACCCGGGGGGCCCCGCGGGCAGCCTCCAGCCCTCCAGCGCGGGCT  
GGATTGCGTGCCTACTTTCTGCTGGCGGGCGGGGCCAGGGCCGGAGACGCAGCGGGCGGAGCCTCCTTCCCT  
GCGTTACATCTGGGCCCCGCGAGCCCCGGGCTGGAGCAGCCACTCTGCACAGAGCCCCGGGGGAGTCTC  
AGTGGCCCCGGAAGGCTCGCAGCCCCAGCCGCGCACTTCTCCCCGATACGAGCAGCTCACACTGTGAA

GCATTTGAACAGTTGCTCCCCGCCCTAGGGGTCGTGGCGCAAAGACGCGTTGCACCTTAGGACGCCACAGA  
CTTGTAAATAAAGTGTCTACTACGGT  
>GBEQ3124 |Acc|CD465147|Ver|CD465147.1 GI:31386415|LeukoN1\_2\_E11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_E11\_A023 3', mRNA  
sequence.:Start:1:Stop:556  
CAGCTTTATCCAATTTGAAGGAGAGTCCTTTATTTGGAGATTATTTCCCTTTTGCAGAGGGGTGGGGATC  
AAAATATTCCTGTGTTTGTGAAGTGATAGTGAAGGGAGGTTCCCTTGTAGTGTCCATTCTTGTGTTTGT  
AATACCCCTAACCGGTAAAAATGAACAGTTAGTGTACTATGTTTGTCCCTTATCTTTTCTCTGAAACGTT  
CCTGTAAGTCTGGACCCACTGCCCGGGCCTGAGCACCACCTCCATTGCAGCCCTTTCACAGCTGCCACACA  
GTGCTTTCCCTCCCATCAAAGGTTCCCTGCTCCACAGCACAGCACAAATGTGGCTCCTCCAAGGCCT  
TTCCTGATCTCCCGGGAGGAATGAATCGCTCCTTGACCATTTTAGCACTTCTGACGCTCTGAACTTGT  
TGAAAGGTGGTTATGCCCTCTGTCTCTGCTGCCCAAACCTGTGAGCTCCTGGAAGCAGGGAACATGACT  
GGCATGTGCTCAGCTTCCCCAGGGCCAAGCACATGGCCTGTTTTACAATAAACCCCTTGAACTC  
>GBEQ3125 |Acc|CD465140|Ver|CD465140.1 GI:31386408|LeukoN1\_2\_F03.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_F03\_A023 3', mRNA  
sequence.:Start:1:Stop:605  
GAACTGGTGAACCCCGGGCTGCCGAAGCGGAACATGCAAACCTTAAGTGTGCGCCACCAGGCTGCTCCTT  
GGCTAGTACATTTATATCTGTGAATCATGGCATATGTAGGCTTGTGGTTTTTATCTTTTCTGGTAAGAT  
ATTCCATTTTAAAGGTCCAAAAATTATGACTGTCTCTCAATAAGATAATATTTGTACTTTTAGTATCTTT  
TGATGAAAAGATATATCAAAAAGCTGCTGTGATTTCAGTAATGCTTTTAAATCAATTTGACTTTGTCACA  
CCAGAATCTACATCCACTTGAAATACAGTGATACATATTTGTAAGATATTCATTGAGACTGGAGATAAT  
GCTTATACAGATTCTTGTAAATAATTCATGGCCTCATAGAGGTTCAAATCCATGGGTTATGAATCACC  
ATATAGATTGAGGTTAAGTTGTTTGTCCAAAACTGTCTATTGCAAAAAATGTCTATTGATGGAATTT  
TGTAAGGTTATTTGAAATCAGTGTGATCAATACGTTTGAAGCCAAGATGAAAGTATTTGAGATTATG  
TTTAACCACTTCTTGAGATAAGCAGAATAAATAATTTCTTTAGAAG  
>GBEQ3126 |Acc|CD465126|Ver|CD465126.1 GI:31386394|LeukoN1\_2\_C08.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_2\_C08\_A023 3', mRNA  
sequence.:Start:1:Stop:594  
AATCAAAGTTGTAGCCGAAGGAAGTAGCTTTTGGTGAATCAATTAGTGTGGGAAGTTGATTAAAGACCAC  
CCGTGTCTGAATGTCCCTTTTCAACAAGACAGAGCAATGACGTTGCGTTCCTCAAAGTGAGTCACAGCTC  
TTCTGATTCCTGTTTCATCAGACTCCCAAACAAGTCTTAAAAATTGAATGCAGTTACAGATTGTCCAAAA  
ATATAGCACATACTGTAATATACCACTTGAGCGTCAATTGCCTTTTCTGTCTCTTGAATATAACACT  
CGCTTGAGCTTGGAATCATAGACTTGATTGGAATAATTACTGTTGAAAAAAGACACCCTGTGGAATTAAG  
TATCTTTTGTATTAAAGCCTCATTTCAATTAAGTGCTGAAGACGTACTTATTTTGTGTAAATGCTACCT  
ATCATTACATGATCAGCACTTGTATCTTGCAACTGGCTTACGCAGGATTGGGAATTTGGGCCTTGACGTG  
GAGAATAAATCAGCCTGTGTACATTTTGTCTATGCTGTGATATGAGGGAATCTGAAATGTTTAA  
TCAAAATAAAGCTTAAATTTTCTTACACTGGAG  
>GBEQ3127 |Acc|CD465020|Ver|CD465020.1 GI:31386288|LeukoN1\_1\_H02.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_H02\_A023 3', mRNA  
sequence.:Start:1:Stop:569  
GAGTATTCAGTTTGGCTGCCACTCTCATTTTGGGGCACACAGGGAGATAAGCCACGCATTTTGGGGACTG  
TGGAGTAATCCGTGAATCAGACGCTGAAGCTATTACAGATCTGGCAACTGTGAGCCAGGGGTGGCTGGGG  
GCTGGATGAGGCCGGGAGCTGTCTCCTTAGCCTTCTAAAGAGCCCTAGACTAAGGTCTGATGTGGATG  
CAAGCTTCTCCCAAGGGTTGACTGTGGAGGAAGAGAGGCGGACACCAGTAAGCTGCTCCATAAAGAGAAA  
AGGAGAATCTCTCCTTCTCTCAAGTTCCCCCCTGGACTTTTACTGCCGGGCAGCTTCAAGACCAAAA  
AAGGGGACCACTAGAGCAGAGGGACAGCCGACCAGGGGCAGGAGAAGCAGCCTCATCTGATTCTATCTGT  
ATCCTTGAACCTCTGTACCTTCAGAATATTCTAGGTGTGGATCATCAAGTGACAGTTTTTTTTCTGGGA  
CACTGTGGGTTTTTTCAGTTGCGGACTGCAAGATCTCTTATTTTCAGGATAGTTTTTCATTCAATTAAAT  
ATTTTACT  
>GBEQ3128 |Acc|CD465007|Ver|CD465007.1 GI:31386275|LeukoN1\_1\_B11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B11\_A023 3', mRNA  
sequence.:Start:1:Stop:674  
AACTTCTAGCTATAAGCCATCAACAGGAACGTTTGGGAGGGCACGTTCTCTATAGAACTCCGGGTT  
AAGCGTAACCTAGGTTGCTGATTGAGAATGTGGTCCACATTTGGGTTTCATTCCTAAGGGAGCATGGACTT  
ACCAAGTTATACGGAGCACACTCTGCTGGTCACGGAACGTGCCAGATGAGGCATAGCTCCACGTTAG  
GACTGAGTGGAGCAAAGAGAGTTGCTACTGAGATAGCGGACGTGATTCATTGAATGGCCACCAGAGGA  
GGTTATTTTCAGGAGTAATTAGCCCTCGTCTTTGGACTTTTAGGATTAGGGCAAAAATTAGAAATGGGAG



GAGGTAAAGAAGCAAGGAGTTTGAGGTCCTAGAGATCAGGCATCTGCCGATTGGCTCATATTCAGGAAG  
TATTCCGCCAGCCATCACAGTCTTCTTCCAAATCTGATTGAATCACTTAGTACTATATTATTCAAATAAG  
ATTATGCTAATTAGTATGTATGTCTCTACTTTAGGGAAATATTTAATTTTAGATATGTGTTACATGGTCT  
GTAAGTGTCTGTATTTAAAGATGCCATACATTTGCCCTTTGGCAAATGTTATTTTAGTTGAAATGTAAAT  
GTAAAAATCGTAGATCACCTATAAGAATAAATATTTTAATTCTC  
>GBEQ3129 |Acc|CD464996|Ver|CD464996.1 GI:31386264|LeukoN1\_1\_H05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_H05\_A023 3', mRNA  
sequence.:Start:1:Stop:706  
GAACATCGCAAGCGTATCCTTGCTCCCTTCCCTCAAATGTGCTTCTTTGCTTGGGATCTAGAACTGGAT  
TGGATCAGCATTTTTCTGATCAGATGTGATCTTTGATTATTTGCCCTTCTTGGGACCTCATGCTTTTA  
CCTTTTTTGATTTGACTGTTTTGACAGCTATCCCTCCTCAGGCTCCCTCTTAATGCAGTGTGGGAAGCTC  
TCATACTACCAGTTTTGCTTTCTGATTCTGCTCTCTTGGTTTCTCCATTTCTTCTGTTCTCGTGATAC  
ATGCACTCCCAAAGTCAGGGCTGGCTCAGATCTCTGTAGCCCAATGTTTCATCTTCCCTCTGGTTGCTTAT  
CCCTAAATAATCCATTAAGAATATTTTGTATTCTTTTCTCAGAGATTCTGAGAAAGGAATTATCAAGT  
GCGCAAAGAAGATAATAAATATGTGAACCCCTTTGCATATTATTAATTTTTATCTCATCATAGAAGAGTG  
AAATTGAGAAATAAGGAAACAGGAAAAGAGAAGTAGCTGAACTGAAGGGGGATATTTTATTTATGTCT  
GCAGTGAAGATGCACATACAAAATTGTAATACCTATAAATAACTAGGAGCAGCAGGATTTGAAGTCACCT  
ATTGTGAAAAACAGTCATAATTTCTTTGGACTTATGTTTGTCTGTAAAAAATAAAATTCCTTTTC  
ATAAAA  
>GBEQ3130 |Acc|CD464992|Ver|CD464992.1 GI:31386260|LeukoN1\_1\_D05.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D05\_A023 3', mRNA  
sequence.:Start:1:Stop:684  
AGACTGACGATAGCATCTGGTATAGAGCACAACTTGATAAATGTTAGTTGTCGTCCTTGTCAAAATTGG  
TATTCTGATTTCTTATCAACTTGAGACCAACAGGAACCAGATTGTTAGCTTATCTTCTTTTAGAGAGCTT  
TGACGTTAGAATCGTAAGGGATCCTCAGTGTTTTTGCCATAAAGAGCATCAGGCTTTCGCTTTAGACCAG  
TTTCTCAATATAGGGGAATATGACCATTAGTAGTTTTGAGCAGTTTTTCAGGAAATTAAGTATAATTCTA  
CTAGAAGAAACCATGAAATTATTTTAAAGAAAACCATGAGCCAGCTCATGGATACAGTTGTAGTTTTGTCA  
TTGCTCTCCTTTTCCCCCTGGGAACCTATTTCTTTTCTCAAACAAGCACCTGTCACTCTTCCCCCTT  
CCTGGAGCTGTTTGAGAATTAATAATGCCTTAGGGCTAAGGCCTAGAAAATTATTACACTTATTCTTTGCT  
ATAATCAAAATAATAGAATTTTTTTATGTCATGGTTATTGTGTGCCAGTCACTGTCCAAGTCTTTGTGTA  
ACATATTAATTAAGTCACCTTAATCTTTATGACAACCCCTTAAGGTAGATTGAAACCTACCCATTTGTAAC  
ATTTGTTAACCCTTAAGACATTTTCAGATGAAATTAACATATTAAGCAACTGAAA  
>GBEQ3131 |Acc|CD464978|Ver|CD464978.1 GI:31386246|LeukoN1\_1\_D11.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D11\_A023 3', mRNA  
sequence.:Start:1:Stop:705  
GTCCCTGCCCGAGATCCCTCAGGCCACTCACTGGCCCCCACCATGGCTCTCATACCTTGTTTTGGAAT  
CTGATGCTGTTCTGTAGGGAAGACTTTTAGAGTCTGTGGCAAATGGAAAATAAGAATTTATGAAACTT  
TCTAAAGCCAGCTTTATCCAATTTGAAGGAGAGTCCCTTATTTGGAGATTATTTCTTTTGGCAAAGGGG  
TGGGGATCAAAATATTCCTGTGTTTGTGAAGTGATAGTGAAGGGAGGTTCCCTTGTTAGTGTCCATTCTT  
GTTTTTGTAAATACCCTAACCGGTAAAAATGAACAGTTAGTGTACTATGTTTGTCCCTTATTCTTTTCTTT  
CTGAAACGTTTCTGTAAGTCTGGACCCACTGCCCGGGCTGAGCACCACCTCCATTGCAGACCTTTTACA  
GCTGCCCACAGTGCTTTCCCTCCCATCAAAGGTTCCCTGCTCCACGGCACAGCACAATGTGGCTCC  
TCCAAGGCCCTTCTGATCTCCCGGGAGGAATGAATCGCTCCTTGACCATTTTAGCACTTCTGACGCTCT  
GAACTTTGTTTGAAGGTGGTTATGCCTCTGTCTCTCTGCTCCCTGCCCCAACTGTGAGCTCCTGGAAGCAGG  
GAACATGACTGGCATGTGTCTCAGCTTCCCCCAGGGCCAAGCACATGGCCTTTTACAATAAAACCTGAA  
ATCAA  
>GBEQ3132 |Acc|CD464974|Ver|CD464974.1 GI:31386242|LeukoN1\_1\_A07.b1\_A023 Unstimulated  
peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_A07\_A023 3', mRNA  
sequence.:Start:1:Stop:610  
TTTGTCCCAAATATAATTAATGGAATTAGGATGTAAGTCATGTTAAGATGGTTTTATCATTTTTTTTATAC  
ATTGTGTTTTCACTTTTTTATTTGAAGTAGGGTGAAACTTTGACTTTTTTAAGTGAAGTTGGAGTTTTAATT  
CTGCCAGTTATTGACCAATCATACCAAGATGTTTGTGTGTTTTTACTTATACAAGCCATTTACAGTT  
TGAGTTGCCTTATTCTCTATTGCAATTGTTCTTATCAAGTCTAAGCTTTGTGTCATGTTGGAATTATCTA  
ACACTGAATCTGTGATGTAAAAATGTATGATGTGCTACAAATTTTATTACATAATAATCTAAGTTATAGCC  
TATTGTAACCTATAAAACATTTCTGTAAATTTGTCTAATTTATTTTTTCAATTTATGTACAGTTTTCTTTTG  
TAAATTTTTTAAATATTTGTTGTGGCCTGTTCTTTAACATTCAAATACTCTTTTCTTAATGCTTACTTG  
CATGAAAAAAGAAGTTCTGTTTTGCTTGTGTTGTATCGTATGGCCATTAAAGCCAATTTTCAGTACTCTGCTT

TTTCTGTAGTTTAATTTTCTAGTTTTGTTCTATTCTAAATAAATGTTA  
>GBEQ3133 |Acc|CD464971|Ver|CD464971.1 GI:31386239|LeukoN1\_1\_E08.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_E08\_A023 3', mRNA sequence.:Start:1:Stop:583  
CGAAATGGATGTTTGTATCACATCCTGTCTTTGTCCATTACAACTGTGGGATCACAGTGAAGCCTTCCA  
TGAATTTCCCGAGTTTGGAAATTCGTAGTTCAGATCTTTTACCTTAGCATTTATTTTGAGTTTTTCTCTATT  
CAGTGTCACTACGCTGTATTCAGGTGGGGACACAAACATGTAGGTGCTTGAACATGCCCCACAGACATGG  
TTGCAGCCCTAGGATCTGTGACTGTCTATTGACACAGTGCAGACTTTACAGACAGAGCGTTATGCTCTCGG  
AGGACTTTAAAAATATGTATATTAAGCAATTAACCTTTCTGGAGTTATCAAATCTTGCTGGGAAATCAACT  
TCCAAGAGCTCTGAATTGGATGGAATTCATCTGGCTTCAGAGTACCATGAGCCTCTATGACATGGAGCT  
TTGAAATGTTTTTCTTGTGCAGAAATATGAACAGAAAAAAGTGTGATCTAATGCTAAGTTCTCTCTG  
TGTAATAAATAAATTTTATAGG  
>GBEQ3134 |Acc|CD464966|Ver|CD464966.1 GI:31386234|LeukoN1\_1\_C11.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_C11\_A023 3', mRNA sequence.:Start:1:Stop:665  
ATGATGTCAAAATCCATCTAGCATTTAAGCGCCATCGCACAAATCTCTCTGTTGGGCTTACGGACATCTA  
ATGACTTTGTACTTGGGGAAATTCATGACTTGCTTTATAAAGCCAGAGTCTGCTGTTGGTCTGCCCAGG  
AATAAATGAAGCAAGGTGGAAAGAGTCCAGGAGTAAACTGGATTTTTATGGAAGGAGCCTTCTAAATTT  
TGCAAGACAGTTTCCAATTACTTAAAGCAAAATAATAATATGCAAGAAACGCAGAGAAATTGACTTTATA  
AGCATTCATAAGGCTAAAATTCAGTCACTGTAATTTGCTTGTAAAGTTCATCTTTTCAGAGGAGTTAT  
TTATGAACCTTCACGAACCTCAACGTGTGAGAGAAATTTGAACCTATATATTTATTTGCTGACAGCAGAGA  
AGAGCTCTCGTCTGTCTGCCACCAACAGATTTCTTAGACCATGGATTATTTAGAAGCCCTCCTCAGTGG  
GGGATGCTATTGGGTTTAAATATGACAGCGTAGTGGGTTGAGATCCTGCCTCCATCACTTACTTGATGT  
GACCTTGGGCATGTCACTGGGTGTGCTCTGCCTCACTTTCTCTATTGTAAAGGAGAAATTAATAAATAA  
AGCAGTTTGGCTCTGGAAGCCATGCTGTTAACCAC  
>GBEQ3135 |Acc|CD464965|Ver|CD464965.1 GI:31386233|LeukoN1\_1\_B02.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_B02\_A023 3', mRNA sequence.:Start:1:Stop:573  
AGGTCATCATTGCAATTTCTTTAAAAATTGGGCTGGATTCAAGTTAATTGGAATAATGTTACATTTATCACT  
GAACCTTCTCCCCAGAACCTTTATTTGTTCACTCTAGCAAGAACAGAACTAGATTTCTTGGCTGCAA  
TGCTAGAAACACAAGGCTAGATTGCTTAGTTTGCAGCAGACCCGGTTCAAGTTTAAAAAGCTGCAACTCCA  
TGCTTTTCTTTCTTTCTTCTTACTTTGGGAGCAGGGATTTTCAAACAGTCTGCAACTAGGGCCAGAG  
CAAGAAGTCCATTTTCGCATCCTGACCCAGTGCAGTCAAGATGTGTGAATGAGTTAAAGAGATATTTAGG  
GGCTGGCTCAGTCATGTAGTGGTTAAGCTTACGTGATTGGCTTTGGGGTCCAAGGTTGTTGGGTTTGGAT  
CCTGGGCGAGGACCTACATACTGCTCATCAAGCCATGTTGTGGCAACATCCACATACAAAAAATAAAG  
GAAGACTGCCAGAGATGTTAGCTTAGAGACAATCTTCTCAAGCCAAAAAGGAGATTGGCAATGGATG  
TTAGCTCAGGGCC  
>GBEQ3136 |Acc|CD464961|Ver|CD464961.1 GI:31386229|LeukoN1\_1\_D07.b1\_A023 Unstimulated peripheral blood leukocytes N1 Equus caballus cDNA clone LeukoN1\_1\_D07\_A023 3', mRNA sequence.:Start:1:Stop:607  
TCTCACTTCTCATTTTCCCTTTTGGATTAATTCCTTCTCTGCTTAATGCCTGTTTATGTCTTCTCAT  
AAAACCAACGAATACAATTATAGGCCATAAGGAAATAAATCAAGGCCCTTTGGAACTTTCTGTAGCTGGG  
TCACAACAAAGACTCTCTCCTTGACCAAACTCTAGTCAGGCTTGTCAAAAAGAAAACCAAGCCCAAAA  
TAGCATCGTGCTAAAGTCCATGATACCAAACTAGACTTAATGCCTGATCTAGTTACAATTTCAACCTCT  
GCCAGAAATGGGGTCTTAATTGACCAGTCTAGTATTTCTGGCCAAGCACTAGTAAGGTAATCTGTTACA  
GAGGCTCTCTCCATCCCCAGAGGAAGAAGATGCTAAACTTCTGGCTTTGAAGTGTCACTTTCTTTTCCC  
CAAAAAGGAAGATGCTCTGGCTCAAAATAACCTTTCTTTCTTTTGTCTAATGGCTCCATTACCCACCTT  
TCTTCTGTAAACCTTTCCATTTTGCACAACCCATTTCTGAGCGCCCTTCTACTTGCTGAATGGAGATGC  
AACCCAATTCATGAATTGTTTAAATAAAGTCAAATGGATCTTCAAAT  
>GBEQ3137 |Acc|CD464887|Ver|CD464887.1 GI:31386155|LeukoN4\_5\_A03.b1\_A026 Unstimulated peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_A03\_A026 3', mRNA sequence.:Start:1:Stop:378  
CCAAAAGTGTACATTGAGACCATGCCACCTAGAATCGGTTTCATAAGCCAATGTTTCATGCAATGCTGGT  
ACAGCAGAGGAGTAGGAGAAAGGAACCTCTGACTTCTCTAGAAGAGTAAATGTACTGAAAGATAAGAA  
TAACCTTGCTCTTTCACCTTTATGTCATAGATATTCCTTTGTAAATCATGGTTGAATTTTCAAAGAAT  
AGTCATTGTTCTGTGATGTATAATGACCATTGTTACTTTGACTTTTTACAGCACATCCATCCTCTGATTT

TTGTATATTTATTGATGGACTGGTAATAATCAGGAAAGCATGACATGTATATTGCCAGTTCAAAGCACT  
TCTTGGAAAATATTTAAAGGCTAAAGGG  
>GBEQ3138 |Acc|CD464869|Ver|CD464869.1 GI:31386137|LeukoN4\_5\_G03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_G03\_A026 3', mRNA  
sequence.:Start:1:Stop:532  
AGCCCCAGGAAGGACCCAGACACCATCNCCTCAAGGAGGGAGACTGCGGGGCCCCCAAAGGCAGTGAGGC  
TGCCCCATGGACACTAAGCTAATGAACCTGGAGCCTGGGGGCTTTTGTAAAGCAAGAAGGAGATCCTTGG  
ACTTTAGAAGTCACCAAAATTCGTAGATGAATATAAATATTAGCTCTCTATTTTTAGAAATAAAGCAATA  
TACTTTTAAATAACCAATGACTGAGAGAAGACAAGCACAAATGAAGATATAACTTTTTCTTTTGCTTAAA  
TGATAATGTAAATCCTATACATCAACACATACTTGTACTTAAAGGGTAATGCAAGTGTTCATATCAAGA  
TCTAATGAGAAAATTAATGCCTCTATGAAATTATTAGAAAGAGAAGAAAGCCTGAACATGAGCAACCTA  
GGTGAACATTTGAAAGTGATTAGAAAAAAGAGCAGCAAAATTCATCCCAAGACAGTGGATGAAAGAATATA  
ATAAAAAGAACAAATATTTATGAGGAAAGAATAAAAAGAGAG  
>GBEQ3139 |Acc|CD464863|Ver|CD464863.1 GI:31386131|LeukoN4\_5\_C02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_5\_C02\_A026 3', mRNA  
sequence.:Start:1:Stop:404  
CCTAAACAAGTTAGGACCACCAAGCTGATTNTAAACTTCTGTTTCGTTGATTTATTGTAGGAGTCATATG  
TGAGGAATTTTTAAATTATAAAATGTAGAGCCGTAGTTAAACATTTTTCTCATTGTAATTTGAATGCCT  
CATTTTGAGCGACTGATATGTGCAGACAGTAGAAAAATAACAATCTTAGATTTATTCTTGAGATATTTGT  
ACTCTTGCACTTTCCCTTTTACTTTAAAAAGTCATGGACCTTACTTCTACATGAGATATCCTTCCTTGT  
GTTCTTAAGCAAAAAGGATAAATGCAGTCTGTGAATTTGTGTACTAAGTACTTAGATCCCTGTTGTGGTC  
CTTTGCAATTTGTTTATTTGTCAATCTGGAAATAACAATAAAATAACTTTGTT  
>GBEQ3140 |Acc|CD464754|Ver|CD464754.1 GI:31386022|LeukoN4\_6\_E11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E11\_A026 3', mRNA  
sequence.:Start:1:Stop:519  
AGGAATCTACTCAATGGAAATGAAAACAATCTGTGTACACTAATGATGGTAGTAGCATTATTCATATAAC  
TGAATATAACCAAAAAGTGAAGTCCGTATGTCCATCACTGATGAATGGACAAACACAATATATCCATA  
CACTGGAAAACTTTCATCAATAAAAAGGAACAACTACAGATACATGCAATGTGATGGATAAACTTCAA  
AAATAGTATGTTAAGTGAAGAAGTCAGTCACAAAATATTTCTATTGTATGAGTCCGTTTTTGTGAAAT  
GTCTAGAAAAAGCAAATTTTTAGAGATAGAAAGCAGGTGAATTGTTGCTTGAGGCCGGGGTGGGAGTGGG  
GATTAACTGTAATGGGCACAAGGTAACTTTTCTGGGGTGGTGAAGTATGGTGGATTGTGATGGGGATT  
GCACAGCTCTATAAATTTTTTAGTCATTTAATTGTACACTTACAATGGGTGAATTTTATGAAATAAATTT  
TACCTCAATAAAGCTGTTTGGTTTTTTTTT  
>GBEQ3141 |Acc|CD464721|Ver|CD464721.1 GI:31385989|LeukoN4\_6\_D04.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_D04\_A026 3', mRNA  
sequence.:Start:1:Stop:284  
AAAAAAGCTCCAGCCTGGATGCAAAGCAAGAACTTTTCATCTTGTGGGAGCAGCCCCAAAGTCTAAGGA  
AACTTTTTCTATTTCCAGATGAGAGAAAATATGTTCCAGTTTTACGACCCCTTGCCACGTCTTGCTTG  
AGAGCGTTTCTCAGATTGTAGTTCTTGAATCTCAGTGCTATGGGAAGCAAGTGCTGCGCTGCTCTCA  
GTGCAAAAGCAGCCACAGCCCTCCATGAACCAATGGACATCCCGTGTTCCAATAAACTCGATTTCAG  
CCCC  
>GBEQ3142 |Acc|CD464719|Ver|CD464719.1 GI:31385987|LeukoN4\_6\_F11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_F11\_A026 3', mRNA  
sequence.:Start:1:Stop:546  
TTTTTTTTTTTTTTCTCTGCTTTATCTCCCCAACCCCCGTACACAGTTGTATATCTGAGTTGCATGTCC  
TTCTAGTTGTGGGATGTGGGACGCCACCTCAACGTGGCCTGATGAGTGGTGCCATGTCCACGCCAGGAT  
CCGAACCCCTGGGCTGCCACAGCATAGCGCGTGAACCTTAACCACTCAGCCACGGAGCCAGCCCCAACACTG  
TTTTCTGCCTGCACTAGAAAGAGGTGTTCTATTCTTGGCATCCCATTTCAAAGAGGGATATTGGCAGAT  
TTGTAGCAGAACCAAGAAAAGACGACCAAGATGTCTAAGGGTCCCAGAACTGACTCAGGAGGATTGTTG  
AGGGTTTGTATTATTTGACTTGGAAAAGGAAGAGTTACTTGGGTACATGATACTATCTCCTGGGTAAAT  
AAAGCTGGAAAAGACAGTATCTTACTTACTTGATTGTTCTTACTTTGAATTTATAACTACAGCTTCTAG  
TGAGCTGCCTTGCAATCCTGCTGAGTTCCCTAATAAAATCACTTTGCTAAACTTC  
>GBEQ3143 |Acc|CD464716|Ver|CD464716.1 GI:31385984|LeukoN4\_6\_B07.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_B07\_A026 3', mRNA  
sequence.:Start:1:Stop:492  
CCCCCTGGTGTGTACAGAGAAAAAATGTTTTTACACCACAACTGTGCTTTTTAAACCCACCCAAGC  
AGCTGAAATGTGTGCTATTGGGCCAATATATAAGCATTAAATAAGAAAATTTAAACAGCAATAAATTGA

TGTGCGTTTCGACCATCACTTCTTGAAAATGGTTCAAAGCATGTTCTCTTAATGGTGGGGTGGTTTAAAA  
ACATGTTTAAAAATTTTTTAATAGCTTCGTTGCTGTCATAAAATGCTTCCTTTATATGTTAAGGTTAGATT  
GCTGGTAATCATGTTTTTTTTTATTTCTACAATTAGTTATAATGAGTTGCTTCCATGCCTACTTACCCAAG  
TAAAAGGATGCTGTTTGGCTCTGGAATGTTTCATCTTTTAGACAGATTTTGGCTCATTGCAATCATGGTG  
CAATACAGTGTAATGTTTCATTGTTTTTCAGTCAACAAGTTTTATTTTTGTCTATAATAAATAATTACTTTT  
CC

>GBEQ3144 |Acc|CD464708|Ver|CD464708.1 GI:31385976|LeukoN4\_6\_E09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_E09\_A026 3', mRNA  
sequence.:Start:1:Stop:595

TCCACACTGACAGAGTCAAGGAAAAGGTTCTGACATGATACTAATCAGAGCAGCTTAGATGAGGAAAAGCG  
GAAACCACAGGTTCCGTGGCTTTCCACCCTGCAGGGCTGCCACTGCTTTCTCTGACAGGTAGGTGTGTGT  
GTGTGTGTGCGGGTGTGCACTGATAACGTGTGCTGGGCTGCTTCACACACCGCTGGTGATGTTTCCAGG  
GGGTGAGGCCAGTGAAGGCCACATTTGCTACCAAAGGGAGCATGTTGGCAGCAGATAATTTGGGAGAACT  
TTACTTCATTTTCAAGGAGACAGGACTAAGTGGATCTGCTACTGAGACTTGAGTGAAAGAAAAGGTGTT  
TTTTCCACGGGTTTTTGTGAGTGTGATGCCAAGCTGTATACGGCTGGGTGATCCTTGACTGGGGTACTTC  
ATGATCTCCCTGCTACTTTAAAAGTCTGGCCTCTCTTGTCCAGTGAGTGAGTGGTAGTTCTTAAGAT  
GGAGCTCAAATGTACTCCAAGTAAAAGGATTATAAACACCAAATGGAAAACCTTTGTCTTCACGTTGGCAC  
ACTTGAAATTTTTAATAAATACAATGTTTTCTCT

>GBEQ3145 |Acc|CD464701|Ver|CD464701.1 GI:31385969|LeukoN4\_6\_A08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_A08\_A026 3', mRNA  
sequence.:Start:1:Stop:629

AAAATAAGTGTGTTTTATGTAGAGTTTTTGCATACCTATTGTTAGTTATTTCTATGTATTTAGTATTTTTAT  
TAATATACATATATTTTTAGTTGCACTTTCTAATATTTTTTCCAATTTTAAATCTTTTTTCTTTATTT  
GTACTCTAGGTCCTCTAATATACTAGTAGAACAAGAGTAGGCTTCCTTGCTTAATTTCTGTCTCAA  
AGGGAAGCTTTTCTTTCAATTCATGATTTTTGTTGTATTTTTTGTATTTCTTATCACATCAAAGATGTC  
CCATTCATTTCTAGTTATCTAAAGCATTGGTTTTTTTTTTATGAGTCCCTTTTAGATTTTATCAGATGG  
TTTTTGATTTCTATAGAAATCATCATATGATTTGTCTCTTTTATTTTCTTAATTGGTGAGTTACGTTAAT  
TTTCAAATGTAAAACATAATTAGATATTTCTGAAATAAACCTAAATGGGTAATGTTATACGTTCTGTATGT  
TATTGGCTTTAGTTTGTAAATATTTTGTGTTGGGATTTTTGCATCTGTGTCCATGAAAGAGATTGACCTGT  
AAGTTTTTGTAGATTTGTTGTCAAGATTATGTTGAATTCATAAAATAAATCTTTGTGTATTTCCCTTT

>GBEQ3146 |Acc|CD464695|Ver|CD464695.1 GI:31385963|LeukoN4\_6\_C08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_C08\_A026 3', mRNA  
sequence.:Start:1:Stop:527

CTGTAGAGGAATTGCTCTGTGTCAGGCACCTGTTTTGAGACATCTGCAGGGGTTAGCTTGTTTTAATCCTCT  
CCAGGACTCCATGAGGGAGGAAGTACCGTCAGTCTCATTTTACAGAGGGGCACACTGAAGCCTGCTGAAG  
TTGCATAATCCGCTCATGGACACCCATAGGCTGCGGATGGAATCCCAACCCCTAGGCCACCT  
GGACTCTGTGGGTCTCTGGGGGAAGAACTGAACACCTCAAATTTGGAATATATCCATGAGCAAACCTAGGA  
ACTGGCCTGGTATTGCTGTTTTTAAATAGCATTCATTAGCCAAGGCATCCATGGGAGTGTGTGTGAGG  
GGCAGGGAGCATGGTATGAATGGGCCTAGCTCGGGCTCTCTGTCTCTCCATCTCCCCCGTCATCAGCTG  
AAAAGCTGCTGTTTTTAAATGTTTTCTATGTGAGGGTTTTGCATAAATGTTAGTTTTCAAACAAAGGGCTC  
TACTCGAAAGTAATAAAAAGTTGAAAACCACCAATT

>GBEQ3147 |Acc|CD464692|Ver|CD464692.1 GI:31385960|LeukoN4\_6\_C11.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_6\_C11\_A026 3', mRNA  
sequence.:Start:1:Stop:316

GAGGCTTTGGGGTTCTGCCACACTCCTGGGTTTCAGCTGCCGAGAAGACAGGGTGTCTGGGGTACCAG  
CCTTACCATTACCTCAAATCTATCCTTCCCTCGCCCCAGCTGGTGACAGAGCTCTGTTACCATTAT  
GCTTGTACTACTACACAAGTAATTTTTATTAGAGAAAAATGATAAAATACAGACAAACCAAAAAAGGA  
TTAAATTTGCCCAAGACTTAACCTTCCAGAGTTAATACCATGGATATTTGAAGTATATCTTCCCAAGA  
CTTTTTAATGTAAATGTTTTAAATAAATATTTTGT

>GBEQ3148 |Acc|CD464608|Ver|CD464608.1 GI:31385876|LeukoN4\_1\_A05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_A05\_A026 3', mRNA  
sequence.:Start:1:Stop:541

TTGTACATTTAAACAAAACGCTTTCATTCCCTTCCACTTCTAAATCTTTCATTTGACCTTTTTGGTAA  
GAGAAATCAGAGCTATTATAAAAACATCATGAAGGATTTTCAAGATGGTATGGTTTCAAATTCCTCTCTTTA  
TAGTTATTTTATATTTGTGTGAAAGACAGTTTTGAGTGGTCTTTGAATATGAGGGGGAAGATTAGCGG  
TAATTTCACTACATCCCTTTTCTGACTTTTCATGAATTTGTGATACATCTTCTCTGATGCTTGACTT  
TATTTGCTCCTTAGCAATAGTCTGCATTTAAAGAAAGGTGTGTTTCAAGTTCATCAGCTTGAAATTGACTAT

TTCATTTTTCCAGAATTTTTTAGGAGAAGAGTACCCGTTTTGTTTGTGTTTTATAAAACAGATGACAAGTCT  
CTTTAAAGAAACAGAAGTACAGTACTTTTGAAATACAATGCTGTTAGTTTGGATTCTTTTTTATATAT  
AATATTCATACAATTATCTGATGTTTGCCTTCATTAATAAAGCTGTTAGTT  
>GBEQ3149 |Acc|CD464600|Ver|CD464600.1 GI:31385868|LeukoN4\_1\_E09.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_1\_E09\_A026 3', mRNA  
sequence.:Start:1:Stop:213  
CCCAGTTAATAACAGTTTTTTGTATACTTGAAATTTGTTAGGAGAATGGTTTTTAAGTGTGTCCCCC  
CCCAAAATGGTCCCGTGTGAGGTGATGGATGAGTTAATTAGCTTGATTGTGGTCATTTCCCAATGTGTG  
TGTATATCAACCCCATGTCCCCCTTAAATCCAGCCCATTTTTATTTGTCAGTTATCCCTCAATAAAGCG  
TGG  
>GBEQ3150 |Acc|CD464446|Ver|CD464446.1 GI:31385714|LeukoN4\_4\_C08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_4\_C08\_A026 3', mRNA  
sequence.:Start:1:Stop:180  
CTGTACCCTGCAGTGGGGAGGGTCGCTGTTTTTCAGGATGAGGCAGGCAAGAGTGTGGGTACCCCGAGGA  
AGGGAAGGTGTGGAGGACCCCATCCAAGTTGTTTTATGCATCCCCCTGTGTGAACTTTTTTCCAGTG  
TGATTGGAGAATGTTCTGGAATAAACCCCTTTGTTTTTC  
>GBEQ3151 |Acc|CD464353|Ver|CD464353.1 GI:31385621|LeukoN4\_3\_D08.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_D08\_A026 3', mRNA  
sequence.:Start:1:Stop:152  
CATGTGACCTGTGCAGTTGTTCTATCTTGAAATTCCTCATGATTTTTGAAGAAGAGATACTGCATTTTC  
ATTTTGTACTGGCCTCACAAATTATCTAGCAGATTTGGCTGAATGATATATTTCTCAATAAATATTGACC  
AAAATAAATTTA  
>GBEQ3152 |Acc|CD464351|Ver|CD464351.1 GI:31385619|LeukoN4\_3\_C02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_C02\_A026 3', mRNA  
sequence.:Start:1:Stop:532  
CCACACAAAATCTGCCTATCGGCCAGAGGCAATTATGTATATGTTAGTTGGAGGGTATTTTAAAAAATC  
AGTTTTATTCCAAAGATTTAAAACTAGACATGACTTAGAAAACAATTCTCGGAGCACTGCTTGCTGACAAT  
CTCTAGTCCCTTACTGCATTTGAGTGCATTTTGTGGCCAGTCCATCAGCGCGCACCATGGGGTCATATTT  
GAATGTGTGGTGCATCCTTTCTGGATGAAGGATGTGTGAGGGACCTTGAACCTCAGCTGTATTAACTGT  
AGCGCCTCCGTCAGTGCCTAGATGAAACTTGAGACGCCCCAGATTTTGTGGTCTGTTGACTTCCCTTTC  
TGGGGCAGCCTCCAGCACGAATGCGCGCACACCTGTGATGGCGTTAGCCGTGGCTGCCATGATTCACAAA  
CGTGCTCCCCCTAGCTGGAGCCGCTCTTGCTCTCGAAATGCTATTATTAAGGGTTTATAATACTTAATTT  
AATTTTGAAGTACCAATGCAAGGCTCTATTAAGGAAAG  
>GBEQ3153 |Acc|CD464321|Ver|CD464321.1 GI:31385589|LeukoN4\_3\_B02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_B02\_A026 3', mRNA  
sequence.:Start:1:Stop:534  
TGGGAACGGAAGTGAAGCAAGGGAGGTGTTGCTTCTAGTCCCTGAGGTTTGCTGAGGTAGGAGGAAGAGG  
ACCCTTCAAGGGAGGAGCACAGCAGAGGCTCCACAGAGAGGTGGCCCTGGGCCCCACCCTGGCCCTGG  
CATTCGCCCCCGCACTGAGAAGGCTGCTACCGCCAGCACTTGTACCCCTCCGCTGAGGGCTCCCCAGCG  
CACACGCACACACACACACACACACACACACAGGGCATGCCAGAAATGCCAGAGAGACAACG  
CCTCTGGAAGCAGCCCTCAACCAGAGTCAGGGTGGGGAGGGCTGGCGGTGGGTGGATGAGCCCCCGGCT  
CCCTGGCCCCCCTGAGGGTAACCCTGCAGCATGCTCTTCGCTGCCTCCTGGAGTACCCCAAAGGGACTG  
AGTGTGCTGTAAACTGGTTTTGGTGGCATGACCCTTTGCTTCCCTCCCTGTCCCACCTCCACT  
TTCTTCTGGTGTTCCTGGGATCATCTCCNAAATAAACTGCT  
>GBEQ3154 |Acc|CD464310|Ver|CD464310.1 GI:31385578|LeukoN4\_3\_F02.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_3\_F02\_A026 3', mRNA  
sequence.:Start:1:Stop:252  
TTGGAGCCATGGTGTGGAAGACACCCCCCCCCCGCCCAACAGGGAGGAAGCACATTTCTTGAGGGGGC  
AGCTTGGTCCAGGGACAGACTCAGTGCATGGGGTCACCCCCACCCCTCACGAGAGCCAGTGATGGCAG  
TGAGTGGTCCCCCCTCGCTGGATGGCTGGCTCGCTCAGGGGCTCAGACTGGCCTCTGTTCTAAGGAG  
TGCTCCTTTCCAGCCTGGTTGAGTGAACGATGCAATAAG  
>GBEQ3155 |Acc|CD464196|Ver|CD464196.1 GI:31385464|LeukoN4\_2\_C05.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_C05\_A026 3', mRNA  
sequence.:Start:1:Stop:672  
ATGATTCATTTAATAACTTCTACCTTCGTGGGTATAAAGGATAATAAGTTATCAATTCCTCTACCAC  
ATGCAGAATTATTTAAGACTGTTAGTAAGTTGTGAATACCTCACTTAACAGAACTTTAGTACTAATGT  
AATTCATCTTTTGAAGAAAGGCTACCTTAATCCTTCCAAATAACTGCTCTATTTTGCTTTTCTTTAA

ATCCCTTTAAAAGTCCAAGGTAAAAAATTATCATTTTCTCTCATATAATTCTTATACAAATTGTACTTTC  
ACTTTTTTGTATCTCTTGTAAATTACATGATGCTATCTATATTAATCCTATTTCAGGAAAGACTGATAACT  
TTGGTTACAAAAAAGATGAAAACCTTGCATAAATTGCTTAGCAAAAAGTTAATTGTATAATGCAAG  
AATAAGAGGATCTAACAGCTATTATGAGACTTATCAGCTTCCCTAAAAGGGTCAGTTGGTATATGTTAA  
TAAGGCTAATTAATACCTTAACCATGTCTATGACACTTCATGAATCTTTCAATGAATTACAACCTTCCT  
CTACAACATGTTTTTCACTTATTAATCTCACTTAAATGCAAGAAGCTATATAAGAAACCAATAGACACTT  
AAGAATGCCTCTCAGTTAATTCTAATTAATGGGGTAACTGT  
>GBEQ3156 |Acc|CD464193|Ver|CD464193.1 GI:31385461|LeukoN4\_2\_E12.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_E12\_A026 3', mRNA  
sequence.:Start:1:Stop:566  
TGGAGGGCGGCAACCTCAGGGCAGCCTGACCTTGTCGGGAGACAGGATGAGCTGCAGTCTGAACAACTCA  
GCAGGCGGTTTGGGAGAGGGAGAAAGCAAATTACAGGCCAGAAGTTCAGTTTCTGGAGGTTTCGCCTGAT  
GACCAAGTGCTCCGAGTACAGGGCCTCCTCTCGGTGGGAGAGGCGCAGGGGCTGCCCTGGAGCCTGCTC  
GGGCTTGCCCTTCCCTCCAGCACAGCCTCCTGGTGCTCACGGCACATGCCGCCGAGGCGGAGCCCTCT  
CCAAAGTGGAACACCGGCTCCCTTTAGGACCCGACCAGAAGGTTCAAACTCATGTTTCTATTTTAGAAA  
CTGCAAGGCAGAAATGTACTTTAGTGTCTTCTAGGAAGGTCTGTTGAGGACGAAACCGCGTGGCCTGAG  
TGGATGGAGTTCACCTGCCCTAACCCATCCTGTGCTGATCGATTATGCGTGACATGGTGTACGTACGT  
CCGGTGTGCACACCCTGTCCCGTGTATGGGTTTTGGAGACAGTTGCCCTGGATCGAACTGAATAACAAG  
TAAAGC  
>GBEQ3157 |Acc|CD464180|Ver|CD464180.1 GI:31385448|LeukoN4\_2\_G01.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_G01\_A026 3', mRNA  
sequence.:Start:1:Stop:347  
GGGGTGGAAATGTCCCCAGTTGGACTGGCAGCTTCTCTACCCGCGCTGGAGAGAAGAGGAAGGCCCCCT  
CCGACCTGGCGCTGTGTGCAGCCCTACCTCCAGCTCCCTGCCTGGTCCGAGTGGCTGGACAGACACACA  
GAACGTGTCCTCCCTCACCTGACCAGCTGCTGTGCCGTGAGGGAGCCCAAGGGTGTACAGCCTCTCCACAGG  
GCGGGGGCTGCTGGGCATTACATCTCGCAGAAATCAGAATAATTTGTGGCGATTGGAATCTGTTTAAAT  
GAGCTTCACAGTGTGATTTTGATTGATTGTGCTGGCTTTTCTAATAAACCGCGGAGAGCCGCGGACT  
>GBEQ3158 |Acc|CD464166|Ver|CD464166.1 GI:31385434|LeukoN4\_2\_A03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_A03\_A026 3', mRNA  
sequence.:Start:1:Stop:536  
ATGAGCGGGGGCTGGCCGCCGGCGAGACCCAGAGGCTCCACGTTGGTGGTTTGGGAGTGTGGAGTGAGG  
CCACCAAATATACCTGTCTGTCTCACTCACTATACAGGCTTTTTTAAAAGGCGTAATGGGGCCAGC  
GGGGAGGGGTGTGGCTACGGGGCAGTGAGGCGGTAGCCTGGCTGTGCAGCCTCCAGAGGCGAGCCTGGG  
CAGGGAGGCCCTGAGGAAATAGGCCGTCCGATCACCTATGGCCTCGGGCCTGGCGGCCCTTAAGAGCAG  
CAGAGCCCTTAACATGGCTGTGCAGGACTTGACCTCGGGGGGATGGGCCGGGCGCTGCGAGCCTGCTGTC  
TCCTGCAGCTGGGGGGGCGTTCTGTGTTGAGTCCATTTGGTGAGGGGGCTCTGGTGACCTCAGTGATCGT  
CACGACAGCCTGCAGCATGGGGAGAGGTCTGTTTCTCACTCTTGGCTGTGCCTGAGGCTCCTCCTTGGT  
GGGCATTTTCAATCAAAAATAAAAGGTGACCCCTGTGCCGTGAAG  
>GBEQ3159 |Acc|CD464165|Ver|CD464165.1 GI:31385433|LeukoN4\_2\_C07.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_C07\_A026 3', mRNA  
sequence.:Start:1:Stop:594  
TTTTTTAACTTGGGATTTAGAAAGCATGAGCAATATCACGAATGAAGATTGTGTAATCTGCATATGATCCT  
GGAGATTACGGAACATTTGAAAATATTCTACAACCTATTTTTAGTGATGTACACAAGTTTGAATTTTCGTA  
TTAGATGTGCTTGTGAAAACCTGTATGTAAATATAACTTTTGAAGATAGGACACTTTCAAAGCACTGTTG  
GAGCTCCAGATTTAAAAGGAGTCTCTGTAAGGAAACATTTGGTGAACAATACTTTTGTAAATGCCGATAGG  
TACCCTTATTTGTTAACTTTCTAACTTAGAGTTCAAGTTCTCTGTCACTTTGAATCTGGGTTTTCTAGGT  
TCGGAACCGGTTAACTGTAAATGTGTGAAAATTTCAGGCCATACTTAGTTTGGTGTAAATGGTTTTGAAA  
AGCAAAATTCATTTCCAGTTGTTCTGTGAACCTAGTCTGATTCTGTCACTCTGTAGTTCTCTACTGTT  
CCATCAACAGGAAGCATCTGGTCACTTCTCATGTAATTGTTAGAAAATGCCAGGTATATTTTTGATGTTT  
GCTATTCAAATGCAAAATAAATATCAGATTGGATC  
>GBEQ3160 |Acc|CD464156|Ver|CD464156.1 GI:31385424|LeukoN4\_2\_E03.b1\_A026 Unstimulated  
peripheral blood leukocytes N4 Equus caballus cDNA clone LeukoN4\_2\_E03\_A026 3', mRNA  
sequence.:Start:1:Stop:570  
TTTCTCAACCGTAAAATAAGAGTTGAATTCAGACATTCTGTAAGGTCCCTTCCAGCTTTACATTTATGT  
GATTATGCAGTAACACAGTTAACTTTTAAAGCCTCTTAATGTATGGATATTAGCAGAAGAGTATGTATA  
TGAATTATCTGTTTACATTTCTTTGGTGTGAAAATGGTAGCTGTTGTTAAGTTTTCTTTAACCCTG  
AGTTGTGAATGTGAAGAGGATGGTGGGAGGAACAAAAACAGGAAGGTATTTTGATCTTGCCCCAAAGT



GTACACACAACTGGCAGCTGCTTGCCAAAGGCTTTTTTTTTTTTTTCCCCTTTTAAAGAACTT  
CTGTTAGGGGAAAATAAATTCGCTTCAAGGGACAACCTCATGGAGCCTATTTACAAATTAAGAGTCAGCT  
TTGTGAACATTTCTACCAGAGCCAAGAATCCCAAATTCCTAGCAGATTAGTGTATGTATCTGCCCTG  
ATATTTTCGAAAGGGCTCAGCGATTAGGTTCAAACCTCAACTCGTTTCATGTGCTGCCAGTAATTAATGTT  
CCACCTCAGA

>GBEQ3161 |Acc|BM781417|Ver|BM781417.1 GI:19129649|MLN1\_8\_C12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:91:Stop:551  
TATGATAAATACAGTAAGAAAATAAATTTAAATTTCAAACAAAACAAAGTAAATGAAGGACAGAATTCAG  
TCAATAAGAATAAGCAATGTAAAGGCAATAAAGTAGCTAAATCACTTAGTGCTTAATTAGATCAAAGAAG  
GAAAAAGCAACTGATTCTTCTCATGACAGTTTCCCAGCTAGATCTGAGGATTGAAGTTATTTAGAAAGT  
ATGTTTTATAACAATTAGAAATATAATAAAGATGTAAATCATGTTTATTAAGTTAAAGTTATTTGCTT  
AGTGGTACATAAAAAGGCTTCAGAAAATTCAAGTTTAAACAAAAAATGGAAGTGTAAATCAAAGAAAGTGCAC  
TTAAAGCTGTTTGTGACGAATTAAGAAGTAGCTTACTATTACTATACTGGTTACTAGGAGACGACTTTTC  
AATCGCAAAGAGCGTAATAATAACAATTCCTCTTTCAAAGT

>GBEQ3162 |Acc|BM781324|Ver|BM781324.1 GI:19129556|MLN1\_7\_F02.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:573  
AGATATTNAGGAAAAATAACACACCAACCTATGACTCCACATGTATTACTTCTATGACAATGCTAAGT  
TTAAAAAGAAAAAGTGAGAAAGGGGCCGGCCCTGTGGTGATGTTAAGTTCGGCACACTCCACTTCA  
GTGGCCCAAGTTGGTGGGTTCCGGTCCCAGGTGCAGACCTACACCACTCATCGGCCATGCTGTGGCAGCA  
TCCCACATGCAAAATAGAGGAAGACTGGCACAGATGTTAGCTCAGGGAGAATCTTCCTCAAGCAAAAAA  
GGAAGCTTGGCAACAGACGTTACCAACAAACAGAACAAACAAAAACAAGAGTGAGATAAAATGCT  
GTGGTATAAAACACAGCAAAACAATGAAGGAGTAGGGAAATGACTTAAGTTTGAAAAATGCCACATCAT  
ACATACCTCATACATTTGCTAATTTTCAATTATGTAAATCTAGGAAATCAATAAAAACTAACAATTC  
TAGCCCTAAGATCATTATTAAACGAGAGTGCTCTGAAGATCAGTCTCTCCTCCACTGCTGGCAACCTTCA  
CAGTTGCTCGTGC

>GBEQ3163 |Acc|BM781276|Ver|BM781276.1 GI:19129508|MLN1\_6\_D05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:601  
GAGCTTGAGTGGATTTTACACAGTAATCACGTATCCATTTAATGTCCAAAGTGATCTTGGGGCTGGGAG  
GCATTCCCTCACTGCACCATGTTCTATACAAGTTTCAACAGACAAATTTGCTTGACAATGTCCTTTCTT  
AAATGACTCTTCATTCTTATTCCTTAGATCATGAGTTCACATTTCAAAGTGCCCCCACCATGTACAAA  
CTTCACACTAGAATGTTCTTCTCAACTCTCCTATTTGTTATAAGGTGAGAGCTAAACATGATTACAATCA  
AGCGATTACTTATTTGAGGAATAAAAAATTTAATAGATTAGATATAAAATTTATGACAGACATTTAGG  
AAGATAAATGTAGTCTGATTTGGACCAGATTTTGACAACCAACTTAAATGGTGGTGATGCCATTGTCCT  
GTAGTGTGTCTGGAGTCTCTCTGTCCTACTTGACCTCTCTGTGCCTAATTTTCTCATCTACTTCTAAT  
TCTGTAAATCTACAAATCTCACGCTGGTTGTGCCGAAGTAGAACTGGATATATCAGAATAAAGCATCTG  
CTCTGTGTACAAAGACCATATTTGTGAAGAAGT

>GBEQ3164 |Acc|BM781258|Ver|BM781258.1 GI:19129490|MLN1\_6\_E10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:1:Stop:643  
GGCAGGAGTTTATAATAAAATACAAAGGTCATTACAGCAAAATAGTATAAAATATAAATAGTTTCAGAGA  
AAATATTTCTTATAAAATCATCTAGAAAGAAAGATCCGGAGGATGGACACCCATGAAATATATGGCTGTAG  
CAGTTGATTATTCAAACATTGTTTAAAGTTACTCTCATGATATGGAAAGTTATTTGAAGCCTCAGAGTTA  
TAAACATCCTCCAGCTGCCTGGTGTAAACCCAAATCAGATGTTTCTGAGAGTGGATCAGAATGTCCACCA  
AGTAAAAAGCAAAGTCCGAAATTAGAACAACAGTCTCTTCTTTCTTATAATTCAAGACTGTTTGGTTTTT  
TCACTTCCATCTCTGAGGGTCTGCAATATATTTTCAAGCAACCTCACTTTTCTGGCACTGGAGTACAATGAA  
GGTGGAGAGAGGCTTGGCCTTGCAATTCTTTTCTCTTTTAGCAGGAAAGTTGATAAAGAATCATTGAGA  
TTAAATGCCAAAGATAAACAGGGTCAGTGTGAACTCTGAAACCTGNGTGGAAATCCTAAAGCATGTGCA  
CCTACAATGCATGCCCTCCCAGGACTTTGAAGAGTTTCTATTAAATAATGATTTAAACAATTAACATTACA  
ATACTGAATCTTG

>GBEQ3165 |Acc|BM781242|Ver|BM781242.1 GI:19129474|MLN1\_6\_H05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:45:Stop:658  
ATTCAGTACTTTTCAAGATAAAATAAATATTTTCAAGTTTGAAGCTGAAGAGAGTAACGGATTCCGGACT  
CCATTGCCCTTAAACAATCTTCACTAAAGATAAGAAAGTCATTGGAAATTTGAGGTAAATTATATAGGCT  
CTGATACCTACCAACATTTTAAAGTGGATTTAATTTCTTCAAGATTCTTCCCCTCTCCACCCAGTAATCTT  
CACATCTCTTATTCGTATTACTAAAATACTTTTCAATCCAAATAAACAGAACAGAGCATTAATAGTGGCA  
GTATACCATTATCTTTAGTTGGATAGGTCTGAATTTAAGTATTTCTTTTCTTTTAAACCAGATAGAAGT  
TAAGAAAGACTAAGCGTAATACAGTGGGACAAGCTGAATTTGGGTGCGACATACATGTGTTCAAGTCTTGCT  
TCTGTGCTTACTAATCTGTGACTGTGGGCATATTACTTTGGGCATCTATAANACAAGGGTATAAACT

CTGATTCTGAAGTGCCTTTCTACTTTAATATTTTCTTTAAATATCANATGTCAATATAAATATTCTAT  
TAGAAATCGAATTCTAATCANAACCACCTTCTATTATAAAGCAAAACAAGGCT  
>GBEQ3166 |Acc|BM781079|Ver|BM781079.1 GI:19129311|MLN1\_4\_G12.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:34:Stop:610  
ACTTGGATTATCTCAAGATGTTTAAAGCTAATAAAATAAGTAGAAACACTTAAAGGCCATTTTAAATGGT  
AAATTCTAGTTGCATAAATAGAATCTTAAATCTGTTTGTAACTATAACAGTGTTAGACCAAGATTTGTT  
TTCTACCTCCCCAGTGTACAGATTTCACTTCTGCTTTTATAAATCATATTACTGTAAGATCAATAGAAT  
TTTAGCTAATTGACTAAATGAACAGAACCAATTAATTAATAGCTTTTGTATAATGTTAGAGTGACCTG  
AGAAATTGTTTTTGGTGGAAATTTTCTCTGTGGTGGAAATGTTTTCTTAGAATGATGAGGAATATGTAAT  
ACTCTTGACCTTTTGTCTTCTGACTTCTTAAAGTGCAACAGTATATATCTTGGAGAATATTAGGGCAG  
AGAAGATCATTTTCTACCTTATTCCATATTCTTCAAATATTTTGAATAGAGATTCACTGAGCCATAGC  
TGGTAGACTGTTTCATAGCTGTGACACTGTTGTTAGCATTTCAGAGATTTCATATAGAAGTGAC  
TGTAAGGGAATAAAA  
>GBEQ3167 |Acc|BM781060|Ver|BM781060.1 GI:19129292|MLN1\_3\_G04.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:7:Stop:599  
AGATGTTTTGAGGTTAATGTTACTGCTCACTTGAATGTCAATTTTCAGTATTTCCCTACTAATGCGACC  
AACATTATGTATATATAACCAGTGTGGCCTGTTTAAAAAGGTGTGGTTAGTGACGTACACTCCCCATGG  
CACTGGAGGGTGCAGTGAGGAAAGGCCTGGCTCGAGGATTTCCACAGATGAGCACTCACCTTGCTTACTC  
GGTGGATATTTTATCAGCTTATGGAGTTGGTGAGCAGCATAAAAACAATCATTCCTTAATTTCTTATTGT  
GGAACCTGGCACATTTCTATAAAATGCATTTCTAAACAGGCTCCAAGGCACAGCTGTAACAGTCGATCAGC  
TGTAATATTTCCACAGTGGGAATGTGGGGATTTTCTCATGACATGAAACCGTAGAAAATTCTCAGCACTG  
TCATGTAATCTGTATAATGAGGGGAAAATCCTTTCTTACAAAGCTGCAGGGTGTAGCAATACATGGTA  
ACATATGGCCTGACCACTTGATGTCTATAAAATGTTTCACTGTAAAGCATACTTTGGCCATAGCAGATA  
CTAAAGAATTAAACTCTTACTATATCAGTGGGA  
>GBEQ3168 |Acc|BM781054|Ver|BM781054.1 GI:19129286|MLN1\_3\_G10.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:3:Stop:664  
CACGAGATTGTTGATAAACATCATCATCCAAAGTCTTGGTGTATAGATGACAAGATGTCTTCCGATTTCC  
ATCCTCAGCTACTTCTTTGAAATTTCTGTTTTCTTTCTACTTTTGTATGTTTGTCTTGCTAGTTATT  
TACTTCTGAGATGGGCAGTCTTCTATTGCTGCTGACCACCTTCCACCTCTACCTTTTCTGTTCTAGCCA  
CAATGTTCTAGATACCAAGACTTCATAACTGTTCTGAGTTCCTTTCTTACAAAGCAATCACTTAAACA  
TTTGGTCTTCTAGACTGAAGCAACTATGGCTATTAATTTCTTTGTACAGTTTCCATTTTACTGTTTCTC  
ACATTTTCTAGATGATCCGTTATAACAATGGTACTGGGCGAGGAACAGCAGCTGCCACAGAGAAGATCCC  
TTGCCGGAAGGCGGCGCTACAGGAAGGCGGCTTCCCTGCTTCTTCCAGGATGAGGGATTCCCCACCTT  
TGCCCTTAGACTTAGACTTAACAGAGTTGAAGGGACCCGGAGTGTTCGTAACACAAAACCTTTACTTCA  
CAGATGATGAAACAGACCCAGGGTAGTCAAGTTACATGAACCTCTGCAAGTCAGTAGCAGACCAAAATAAA  
AGCCAGGTTTCTGACTTCCAAGCAAGCTTC  
>GBEQ3169 |Acc|BM780969|Ver|BM780969.1 GI:19129201|MLN1\_2\_E05.g1\_A005 Mesenteric lymph  
node (MLN1) Equus caballus cDNA , mRNA sequence.:Start:6:Stop:560  
GAGGTTTATTTCCCATGGAAGTGGGCACCAAGAATAAAAGGAGTTTCATAAGACAGCTTTGGTTACAT  
ACAAATATACAGGAAGAAAATCCCATAGTAAAAAGACACCTCATAGAATTTTCTCATGCCTCAGCCAAC  
CCTCACCATGAATAACATTTTAAAGTGTGAGCTTCCATGATTCTTCTAGGAGCCAACTGGCCATGTGAA  
GCCAACTCAGCATTCTCCAAGCTACAAATCCAGTCCATACACCATACTATGCAAGTGTCCATCGAAAACC  
TGGGAGAGGTGAGCATGGGGATGGACAGAAAAAACCTTTCTTTTCTTCTTACCAGTCAATCTTTCCAGT  
GACAGAAGCTCTTCTGTAACTGGGGCAAAAGACTCCCGAAGTGGTGACAGACACCTGGTAACTTACCT  
CTTTGGTGTATGAACATAAAATATTAACATACTTATACAAAACCTGGCTACAGATGAAATTAATACTG  
CTATTCTATTAATAAACTGCAATAGATTTTAAATAACTTATATTTTAAATATTTAAATGACGTTT  
>GBEQ3170 |Acc|BM780833|Ver|BM780833.1 GI:19129065|APL1\_9\_H10.g1\_A005 Liver (APL1) Equus  
caballus cDNA , mRNA sequence.:Start:102:Stop:623  
ATGCTCATTGAGCTTGTCTGAACTCCTCCTCTTGTGGAAAACGAGGCATTGTGCTTTCCTTTATATG  
ACCTCAATTTTGCAGGTACAAGAATGCTTGTATATAATTTGTCTTGCATATCCAGGCGTTTACAGTGGAA  
GTTTTTCAGATTAGCTACTCATGCACAGTGCCATGCCTTATTTTATTTTGTATGAACAAAAAATGGT  
GCCTTTAGAAAAACATAAATAAGCATTTTCAATGTTTCTTACTATGTTTGTCAATAATGATAAATGT  
TTTTATTTTACCAAAATGAAGTAATATCAGACACAGTGTCTTCTAACTCTTTTACTTAAAGATACTTCA  
TGGCTATATTATCCATGTTATTAACACAACTTTATTAATACTCATAACTTTTATTGCCTCTATTTT  
TACTATTGGATTACTTCAAATATTTCTGTTAGTCTTCTAATATTGGCTGGTTATGTTTCAAATAGTTTC  
AAAATTAAGCCAGATTGTGATGATTATCT  
>GBEQ3171 |Acc|BM780812|Ver|BM780812.1 GI:19129044|APL1\_9\_B07.g1\_A005 Liver (APL1) Equus



caballus cDNA, mRNA sequence.:Start:69:Stop:644  
CACTCTCTGTCAAAGATTAACCTTGGGTCTTACCCAAGATGCCAGTTCTGCTGTCTTCTGCAGCGTGGGT  
CAACATATGGAGACCACTAGACAGTGGGGCCACCAAGACGAATAAGCCTAGTGCCGGTCCCTCAGAGAAT  
TGTGTTACGATCTGCGCATATGTAAACACGCACAGATGCACAGACACACCCCCAGGATAATAACAGTAC  
ACAGCTGTAAGTGTCTGTCAAGTACATAAGGCTCTCGCCGGGAGCGTGGAGGAGAAAGTGAATCCTTC  
CATGGTCCCCTGTCCCCAGAGAGCAAAGGCAGGAAGACCCCTTGAACCCATAACCCCTCATCCCTCTGG  
CTTCCCTTCTCTCCCTGGAGCCTCTGCACAGTTTATGGCCACACCACAGGGTCAGAGGCTGCCTTACCCA  
CCCCCTCTGCCCTTTCATTTTTTCAGATGAGAGCACTGGGCCAGAGAGGTAAAATGCCTTTTTTCAAAGTC  
ACATCGATTAAAAGCAAATGAAAGTCATAGAAGAATATCTATTACATGGACCATTGTGAAAAAAGCA  
ATAAATTTTGT

>GBEQ3172 |Acc|BM780790|Ver|BM780790.1 GI:19129022|APL1\_9\_D07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:66:Stop:460  
CTGTGCTGTTTCTTCAGTGCTGACCTGGCAGCCGAAACGCCCTCCCTTGCAACTTGGTCCCCCTCCCGTG  
CCTGGGGAGGGGCCACCAAGCCCGGGTCCCTGAACCGAGAGGAGAGCAGCGTCCGCACTGGCTGGAATGT  
TGGTCAGCGGCTGGAAAGCGGGGCGGTTTGCGCCCTCACCTTGTTCACACAAAGCCAAGCTGGCTGCAT  
GGATGGAGGTGGGCTGCGGTTTGGGCCCGCCCGCTGCCCGCAGCACCEATGTTAGCACCGGGACCCCA  
CTGTGGACTGTGAGATCCTGACCGCAGCTGTGTAAAGCGATGGCATGTGCTCCTTTTTTAGGTTCTGTCT  
TTTGTATGATTTTGTAGTAGAATAATAAAATTGTATAAAATTTG

>GBEQ3173 |Acc|BM780765|Ver|BM780765.1 GI:19128997|APL1\_8\_B10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:439  
GCACGAGGGGTACTCTAGCTGGACCTCCCTACTGCCACGCTCTTTTGCCTAAGGGGTCTTTTCGATGGTC  
AGTCCCGTCTGTGGTCTGCGAGGCTCGACTCTGACCACATTCCCTTTTCTCATGGGCTGCTGCTTTGGGA  
CCTGACAGAGAGAACAAGGGATCCCGCTCCCGCTCAGCCGTGGCTCTGGCACTGATGTCTGCTCTCTAA  
GGAGCTCGTCCCTTTCAGTTTCGTGGGCAGTTTCAAGGCTCGCTTCCACATGCACCCCTCCCTGCTTCTT  
GCCTGCTGCACACACAGGAGCCAATGGATCTCCTAGAGCAAATGTGAGCCTCCCACTGCTTTCTCTGAC  
GAAACGGGTATCAATTAGGAGGAATGGATCCATCTAGTTTGGTCTGTCCCAAATAAAAGCTCATCC  
AACGGTGTTTATGAGCCCC

>GBEQ3174 |Acc|BM780705|Ver|BM780705.1 GI:19128937|APL1\_8\_H04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:8:Stop:503  
CTCCCCCTTACCCCTGTGCCACTTCCCACGCCCTTTGAAATTCTTAATGAGTTTGAACAAGGAGCCC  
TGCTTTTTCATTTTACATTGAATCCTACAATTGATGTAGCTGGGTCCCCCCTGGGAGTGACCATATGGT  
CATAGGCTCGTCCCTTTCAGTTTCGTGGGCAGTTTCAAGGCTCGCTTCCACATGCACCCCTCCCTGCTTCTT  
GGTAGCCCCATCGCGGGGTAACCTGGGGGGCTGTGAATGCAGGCATGTAGGAGTTTGGCTTTTTCTACCC  
TATTTGTGCTCATAGATCTCTAATGCTTCCGTCCTTCCGCTCCCACTTTGCAACCCTAGCTTACAGAGGGAATGTTT  
TCCAACCTGCTGTACTTTCAGAGATTCAAATTTTTTGTCTCTCCAATCTAAGGTGGGGGAGGCGGGCAGG  
GATCACAGCTAATTGGCTCAAATGTGAAAGCATTACATAGACATAATAAAGTCCCCCTGAATGTTGGT  
CTTAGG

>GBEQ3175 |Acc|BM780678|Ver|BM780678.1 GI:19128910|APL1\_6\_B11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:2:Stop:652  
GTCTGTGTAAATGACAAAAAGAACAGTGTCTGAATCACATTTCTATTTTCCATCATTTTGCATTATCCCA  
GATTGCTAACTGTGTTCTTTTCCAAGAGGTTTGATTGAATTACTCTATATATTACTGTGAGGCGTGACAG  
TTTTGTCTATTGTAGAGATTTTCAATAATTAATAATGGGAAACAGAGCTTAAGTTATTTTCTCCTCAAAA  
CTGTGTTTCTTGAACCCCTTATTCCGATGGTTTTCGTGCTCGTGTACATTGGATGTCTTACGCTGAGCGA  
AGTTCAAGGGGCTTTTTCATTACAGGAAGGCACCTTCTCCCTCAACACTGTGATCTGACCTGTGACAAA  
TCTGTACCATACGCTCTGTCAATGGCTAACCAAGTCAATGCACCAACTGAATGTACAAATCTTAGTGTCT  
GGTGTGAAATCTCTTACAGAACAGACATCACGGTTTCAAAGTTTGTTCGAAATTTGCGAGCATCAAGTG  
TCACTCAAACTGAAGATGAAACACTAATGAATGTCGGATTCTCATGCTTTAGGTGTACTTCTGTTTAG  
ATCTTTCGGTTCTCTGCTATTTTACCCTACTGTTTCATTATAATTTCTACACGCTAACTTCGTTTGTG  
CGATTGAAATAAAATTGCGGT

>GBEQ3176 |Acc|BM780662|Ver|BM780662.1 GI:19128894|APL1\_6\_D04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:213  
GCACGAGGAGCCCCCTCCCTGCCCGCCCCAGGCTAGGCTGGTGAAGCAGAAGCAGTT  
GGGTTTCTGTATATTGAAACAGCAAAACACCAAAAGGAAATGAGAGAACCAGCTCTTTACCACCCCA  
GCCGCACAAGAGCCTTCTGACACCCAGTGACCGTGTGCCCTTGCCCCAAGTGCAAAATAAACTCCAAGTG  
GCC

>GBEQ3177 |Acc|BM780652|Ver|BM780652.1 GI:19128884|APL1\_6\_E03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:33:Stop:597

GCAGATATCTAGAGAGAATAACATTACTTTTAACTTTTCTTAGGGATTGTCAGTTTTTGTAGTGAGTA  
ATATATGGTCTCTCTATTTTTGTTTTGAAGTTTAAAAGTGATAACCAATGAAAGACTTTTCTTATTCCCTC  
TGACTCTTCTAGTTACATTTACAGGCTATCAGATGTAATACAATACCAAATACTAAGTGGTACTAAGA  
ACTATGAGAACTAGTAAAGCTCAAGCCTTGCTGTCTATCTCTGTCACTTAGCATTAATGTAACAAA  
CTATAAATAAATGGTATGCACATCAATGGAATGTTTTCTACCAATAAAATTTTTTACATAAAAAATGTTGT  
GGATTACCGCAGAAGACATTTAAGTTCTATTTAAAGCATAAATGGTTCAAATCAAAGCATCCTAAAGGG  
CCCATAGAATAGATATCAATACTAGCATCCTTAAATTTTGTATTTTGTCTTAAAGTAAGGCAATGCAAAG  
ATAACAGGCAAAAGTTGAGCAAAATGTTTAGAAATATTTAGATTTTTCGTATGAAATCTAATAAAATTCCT  
TGGCT

>GBEQ3178 |Acc|BM780633|Ver|BM780633.1 GI:19128865|APL1\_6\_G02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:374  
GCACGAGGCTCAGAGCAGCTCCTCCATCTCTTCCACCACCCAGCATCCAGCCGGCGTTACCATGCGGG  
GCCTCTGCTTCGTGCTCCTGACCTGCTTCATCCTCTTCTCCTCACTTTGCCACAGCCAGGTCCAGGATGT  
AGACTCAGAGAGGAGTGTATATAAGAGAGGCGAGTGTAATGGTTTTACTGCCAGAAAATCATCAC  
CATCTTGGTACCTGTTGGTTTGGGATAAAGAAATGCTGTCTGCGCTGGGAATGAGCTGAAGAACATGGGA  
GGACAAGGAGCCCGGAGAATGAAATAAAGGCCTGACTGTAACTCTGAAAGTGCTGTGGTATTATTTCCCA  
AAAGTAAAGAAATGACCTGTGCTT

>GBEQ3179 |Acc|BM780627|Ver|BM780627.1 GI:19128859|APL1\_6\_G11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:549  
GCACGAGGCTTGGTAGTCTTCCGCTGGTGCTTCCAGTCCGACGGCGTCTACCTGGGAACCCGGGTTG  
ACTGCTGTGTGTGTTTCGAGGTTAGCGTGGTCAGAGGTTACGGAATGGATCTTGGAGGAGGGGGTTCGCTG  
CTGGGCTCGACGAGAACGCCGTGTAGACATCTACAGCCTTCAGTCTCCTGATCTCTGGGGTTTGTCTGT  
GGCAGAAAGCACACTTGGAAATGGCCAGGATGAATCTGGGAGTGGGAAGGATTGGTCAGGAGCCATGTG  
TGCCAGAGGCGAGGAAGGTTGGCTGCAGCCTGATCTTCTCTCGACTTGATTGATGATGCTCTGTAA  
CAGGTGTTTCTCAACTGGAGTTGGAATACAAGGACTCTTGAAGAGATTGACCTGTGTTTACCTGAGAA  
AGGTGGTTGAATCTGTCCACAAGGTTATTGTATAACTTGAGAACTGTCTACAAAGTTGAAAATGCCCCAT  
TTTGAAGAATCAAGGACTTATTATTAACTTTTTTTTATTAAAGATTGGTACCTGAGCT

>GBEQ3180 |Acc|BM780598|Ver|BM780598.1 GI:19128830|APL1\_4\_B06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:45:Stop:192  
TGTGTACAGCCTGCTGTACCTGTTTTCTTTAAGTCTTAGCATCAGTAAATGAGTAAGATATTGGAGACT  
TTAATGAAAAGCTGCTGTTTCATGATTTTTGTGTATAGTGAGCTGGCTGTAGTATTTTACTATTGTCTGTT  
TAAAAAAA

>GBEQ3181 |Acc|BM780584|Ver|BM780584.1 GI:19128816|APL1\_4\_D02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:3:Stop:534  
GCGTCCATGGATAAGAAGAAACATGATTGTGTGATTTAAATAAACCTCTGAAAACCTTTCAAAGGAGAA  
AGGAAGACATATGTCACTTCAATTTAAGAACAACATCTCATTTTTTCTACTGATCGAATTATAATCCTCTA  
AGATCTCATGAAGTATATCTTTTATTGCCGCTTTGTCAATTTTGATTGTGTTAGGAAGCTGACTAAATCA  
TGATGAAATATTTCAAACCGTAAATAAATGGAAGCCGCTTGAATACTTTCAGATATTACTAACCTCTT  
GGCACAGAGTCAGGCTTTGAAGCTGACTGATGTGGATGGGCAAAGCCAATAATTTGCCGCGGACCAGA  
GCTGGGTTTTTTACAAATGGACCCGCTACAAATGAGCATTCCTAGGTGAACACCCATCTTTGAAGGATT  
TGATTGTCAAGTAAACATGCTTTTACCAAAGGTGGGCATTTTCCACTTTGATTTTATAGAAGAGGTT  
AGTAATCAACTGGAATCTCGCCTAGCTTTGAAATAAAGTTAC

>GBEQ3182 |Acc|BM780581|Ver|BM780581.1 GI:19128813|APL1\_4\_C11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:467  
GCACGAGGCAATGGCTTTTCACTGACCTGTGAGAAACACACCTTGGCCAAGTGGGTGCTTCTATCTCCACA  
GTCCCAATGTAGGGAAGCGTTCCAGGCCAGGGAAGGAGCACCTCTAGTGGAGTTGGGGTGAATTCCTTA  
GGTCCGCTGGTGCAAGAATCTCCAGAAAGCCTCTGCTGTCTGTACACACAGGATTTTGGTGTGCCTCTT  
GTGTTTTAAGACGATGGGTGTCAAGGAACCTTGGGAATATCTTCATCTGTGGACCTTTACTCTAAGGTGT  
GACCCCTAAGAAAAGCCAACTCAAAGACCAAGTGAGTAGGAGAGTCTCGATCTTACAGAAGCCTTCAC  
TGCTAGGATTTTCTTAAGTCCTTTGCCCTGATGAGTTTAAATGGGTTTGATTTCAGATTTCGATTGAC  
ACCTATTGTTTTTGAACACATCAGTTGAATAAAGTGAGATTTATTT

>GBEQ3183 |Acc|BM780564|Ver|BM780564.1 GI:19128796|APL1\_4\_E03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:80:Stop:600  
TGGAGGGAGTTGCAGCCAGGGACACAGGCGCCGGCTGGCGATGCCCTTGCGTATCTGCATCCCTAGCCTG  
AGCGCTGCATTTCTAGGTCTCTATCTGAGGCGCCTCTGCTGAGGACTCTTTATCAGAGAGACAAGGGCA  
AACTTTGAAGACGTTTATTTCCCTGCCATGACTCAGCATCAGTACTTTGTCACTCCAGCCCTTCCTTCC  
CTGGCCTAGGGTCCATAAACTGCCAGAAGCTACTGTCTGGGGCTCCCTCAACAATGAGATGGCCCCCAT

GTCTACACGGATCCAGTTGATCCATCGCTGGCACTCGGTTCCATGAGGAAATGAAAGGCGGGTGGGGGTG  
GTGGTGCAGGTCGGAGCCTCTTGCTTGCTTAGACTATGGAGTGAGTGACAAATGGCTTCAGTGTCACATTT  
CATTTGGGCTTGTTGTTGCTTTACCCAGCTACTACGACACCTGGCAGCTCAGCTCCCTCTCTGCTCAGC  
TCCGCCCTTGACAATAAATAGTGCTTCAGTG  
>GBEQ3184 |Acc|BM780562|Ver|BM780562.1 GI:19128794|APL1\_4\_F05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:72:Stop:474  
TTCTGTGGTTTAAAGCCACCGGGTGTGGTTCATTTGTCAGTGGCCACGGGAACTCATACAACCACTT  
TGCAATAAACAGGGATGAATACATTCAACAACATAATCATGCTGAGTGGCAGAAACCAGACAAAAAGGAG  
CACTTTTTGTATGGTTGTATTTATACGAAATTTTAGAAAATGCAAACAGTTCATAGTGACAAGAAGCAG  
ATGGGTGAGATGGGAGGGGAGGAGTAAGGGGTTCCAACAGGGCTTGAGGACACGGCAGCTTCATATAT  
TGATTGTGTGGGACTTTACAGGTGTATACATATGTCACAACACATCCAGTTGTATTAAATTATGTGCA  
CTTTATTATGTGTCAATTATACCCCAAATACAGTAATAAAAACTAATGCAGGTG  
>GBEQ3185 |Acc|BM780537|Ver|BM780537.1 GI:19128769|APL1\_4\_H06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:71:Stop:645  
TCCCCTACCTGTGCCAGGCACCTTCCCTTCAGACCCAGTTGTGGAGTAAACGAGCCCCGGAGGCCCTTG  
TCCTACCCGTGAGCCTGCCCGCCACAACGCCTCGACTTCACCTGGGCCTTAGCTGCTGTGCTGGTCACTA  
ACCAACAAGGTGCGCACCTCAGCACCCCTCTTTGAGGGCCCCGGGCCCTGGAACACAGCCGGCTTTGC  
CCCTGACTAAGCCTGGGGAGCCCCAGAGATGTCATCTCTGACTTAACCCCGCCCTCCACGTGGCTGG  
GCCTCCCTCAGCCAGCAGAGGGAAGGAGGGGGAATCTCTACCTGGGGTGAAGTGCAGCCCTCCAGGGC  
CCCCACATCCCAGAGAGGGAAGTGGGGAAGCCACGCTGATGCACCTTAGAGCTTTCTGCTTCGCAGGGGAA  
AGAATCACAAAGTGAGCCAACGTGGATACGTTCTGTACAAATACAGCTCTATTTCTCTGTTTCATAAAC  
GCTTTTGGGTTCCAAGTAGGCAGTAGGTGTGCCTTTGAGCCACAAGGAGCGAGCACTGAAATAAAAAAAT  
TTATTTTTCACATTC  
>GBEQ3186 |Acc|BM780525|Ver|BM780525.1 GI:19128757|APL1\_3\_A02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:89:Stop:622  
TTAACTAAGGCAAAGCACACTATCAGTGCCTGAACTCGGACTTGAAATAGTTTAAATAAGAGGTTAAAAA  
AGAAGACACAGCTGTGGACACACGATATATGCCCTTTATTTTACATACGCTGTAGTTAGGAGAGCAAGAG  
TAGATACACATCAACCAGAGATGGAAACAAGGCTCTGGCTGAAGAACACGCATTCAACAGATCGTGTGAA  
CAGCCAGACAGGAAGAAAGTTAGCTCTGTAAAGGTCTACTTCATTTGTCTCAGAGAGAAACACGGCATGA  
GTTTTTAAAGTAACAAGGAAATAAAGTCTGAACCTACTTTACCATGGGAAAACATTAAAGTCTTTCTCAAA  
GCAAAATTATTTCTTTTTTAAAGTGACCCACAGAGAAATCTGGAAAAATCAAGATTAAATCTGGACCAC  
TTGGGGTGATATTCTTTCAAGCATAATTACAAAATGTTTCTTGGATGAAAAAGATTGTACAGTCTCCAAA  
AACCGTGAATTGATGTTCCCTGGAATAAAAGTCAGACTCTCTTT  
>GBEQ3187 |Acc|BM780524|Ver|BM780524.1 GI:19128756|APL1\_3\_A01.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:70:Stop:590  
CATCACATGGTGCTCCCCCTGTGTGCATCTGTCTTCATAGGGCCATCTTCCTAGAAGGACACAAGTCATA  
CTCCATTATATAAAATTTTGGAAAGGGAAAAATATTGTGTGGCAATTAGTAAAGGAAACCTTGACTAAA  
TTGGAATTGGGAGGACCTGTAGGGGAAGCCCTAATGGCCTATCATACGTCATTGATTACACCTAACAGGA  
AGAGATTGAAGCTTGCATCTCCTACAGGAAGTAAACTAATTTACTTTTGAAGGAAGACTTTTCTCCCCA  
CCCTGCAATAGCCAGCCATTGAGAAATGCCCCAGCTCAGCCAATGAGAAGTTGTTTGCAGCCCTGATCT  
CTTACTTTCCCCAAGTGGTGTACCTTTAGAACAGCTCTTTCCTGGTCCCCCTTTTCCCTATCAAAGCA  
GCTCTTCCTCTTTGTTTTCTGGATTGCTTATGGCTTCCCATACATGCATCCTGGATTGTAATTCTT  
TTGGCTATTCTGAATAAACTCATTTTGAGG  
>GBEQ3188 |Acc|BM780515|Ver|BM780515.1 GI:19128747|APL1\_3\_B07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:262  
GCACGAGGGAGCTCTGTTTCATTCCAGTCTGAAGAAAGGGCAGGCCGCTGATCACAGAGCGAGACTCGC  
TAGCCTCATCTGAACAAGCCAGATGCTTTCTGTCTGCTGTTTGTAGCCATTATCCATTCCCCCTTAACAGC  
AGAAATGACGTTTCTGAGCCCTGTCTCTTCTAATTTTCCCCATCCTTAAAGATTGATTCAATTTCCCT  
GCATGAAGTAAAGCTCACTGTTTGTCTCCAAATAAACTTCTTATTGAACCC  
>GBEQ3189 |Acc|BM780508|Ver|BM780508.1 GI:19128740|APL1\_3\_C03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:11:Stop:201  
TCCCCTTCTCCCCACCCACCTGCACCAGTAAGAGGAGGAGTGAATGCCCCAAGGCATCAGGATCACTTATT  
TATTTATTTCTCACCCTTCCCCTCATCGCATGAAATCTTCAGGGAGGTCAGTGGATTCCCCCAGGCC  
GTTTCATAGGGTGATAGACACATATGGGTACAAATAAAAGACCCCAAAGCC  
>GBEQ3190 |Acc|BM780499|Ver|BM780499.1 GI:19128731|APL1\_3\_C09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:364  
GCACGAGGCAACAACCCCAAAGTACATGCAGGTGCCTTATGAGAAGCTGCGGGCAGCCTCTATCTGC

TGAACAGCCATCTTGAAGCAGCGCTGGGGAGACCAGCTCCAGTCTGCCCTGCTCTCCTCTGCCAGTGG  
AGGCGAGGCACAGGCCCTAGGGCTAAAGTTGGGGGGAGAACAGAAAGGGACAAGAGGAGCCCCAGAGTTG  
GCTGAGTGGGGAATGCCTTCCAATTGCTGCTCCTGCTGTAGCCTGGCCTCCTGATCGCTCCTCCCTGGC  
CCCAGCCCCACCTTGCTTGATGCCCAACAATGCCCTTGTGTTTGTGCTCCCATCACCTCCCTATTATT  
AAATGTTTTTGTGC

>GBEQ3191 |Acc|BM780477|Ver|BM780477.1 GI:19128724|APL1\_3\_D06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:292  
GCACGAGGAGACGGCCAGGCCACAGTCCCGAGATGTTTTGTGTGTTGGGATGGACTGGATTTCCTGAGGC  
CCAGACGGGACAGTGGAGTTCTGAGTGGTTGAGGCAAGCCAGGCCACTCCGCCCCCGAAACTTGTC  
CCCGCTCCCCACCCCGCCCCCGCCCAAGTACTGCACAGGGACCCCCACCCGAGGCCCTCCCGGGG  
ACCAGCCCCCACCAGGAGCCCTGGGACCAAGAGATAATGTGAAATAQCAACTGTGGACCAAGGCATA  
AAACCTCTTTCT

>GBEQ3192 |Acc|BM780472|Ver|BM780472.1 GI:19128719|APL1\_3\_D08.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:4:Stop:664  
AGCCAGAAAACAAAATAGTGTATTTAGTTGAATGTAAAAGAAATTTATAAGAGATTTCTTCCATATAG  
ATACCTCACTTGAAAATAAAGCACAGCGTACTTAAGGTAGTTCTAGCAAAAAAGTCCTACTAAAAGACTT  
GCTAAATATAGGACAACTTTTGGGAAATTTAGTTTGGAAAGAAATAAAATAGACTTGCTTTTAACCATCCT  
GTTAGAAATATTTGTTTATCCTGATAATTTAAGCCAACACAGTAGTCTTAAATATTTCTGAATTTCTA  
ATCTCTGAAGGCAGTAGATGAAGTATCTATTCTGCAACTCTTGAAATTGTTGACTACATTGACCATAATT  
CAATTTAAAATTTTGCCAATGATGTACAGTTTTATGGTTAAAATTGCTGTGGTTGGTTGCATTACATGAC  
ACACAGAACTGTCTCTACCTCACGTGAAATAAATATTTTATATGGTTTTACTATAAAACAAGACTCATC  
TATTTGGTCACTTAGTTTACAAATTTGAATTATTTATTGAAACATGACATACTGTGCTCTTAGCTTA  
TACCTCAATGTATTTTGTGCTGTTTTCCATTTTCATGCCTTGTAATAACTTGTATAGATTGTGGATTA  
AATTCCAAATAAAAACTTTTAATGCCAATG

>GBEQ3193 |Acc|BM780490|Ver|BM780490.1 GI:19128707|APL1\_3\_E07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:7:Stop:533  
GGGTTTCTTTGCTGCTATAATAATTTACCTCAGTCATAGAGACTTAAAACAATGCAAATTTATTTCTTT  
ACGTTCTGGAGCCACAAGTCTGAAATAGCTTTGCTGGACCACAACCAAGGTGTTGGCAGGGTCACCCTA  
CTCCAGACCACTAGAGAGAAAACCTCTTTGGCTTTCCAGCATCTAGAACTGCATTCTCTGCAATTCCTT  
GGCTCCTGGAGCCCCCGCCATATTCAAAACCAGCAGTGTCTTCAAATATCTCTCTCCTCTGTCTTACCT  
GGCTTCTTCACTGTGAGGACCTTTGTGATTACATAGACCCCACTGAGTTAAAACAGGATGTGGTTGCAG  
GGCCAGGGATCAGGACATGGACACCATGGGGAGCCAATATTCAGCCTGCTGAGTCGCTGTGTAAACCACC  
ATTGCTATATGTTTTCAATCACTTTGATGTGTGAAGTGTCTACCCGTTTGTCTATTCACATACCTTCTCT  
TCTTTCCCACTGTCTGCAATAAAGTTCACAGTGTGCG

>GBEQ3194 |Acc|BM780486|Ver|BM780486.1 GI:19128703|APL1\_3\_F07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:277  
GCACGAGGCTGGTGACTCAGATGGAAGCCTGGGATTTCAACTCAGGTTTTTCATGGCTTTCCCTCTTGAG  
TCCACACTTAAGAGCTTTTGCCTAAAGTCAGGTTGAGCGTCAGATCCTAGTGCTGCATCTCCAGATAAA  
GTCCTGCTGGGAAAGGCAAATGATCAAGGAATGAGGCCAGAAGGAAAAGGACAGGGTGTGGCCCTCAGGG  
CTGCCCTGGAGGAAGTGAAGATGACGAGGAGGAACATTTTCTAATAAACTCTGGTGGAAACCTCT

>GBEQ3195 |Acc|BM780457|Ver|BM780457.1 GI:19128689|APL1\_3\_F09.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:10:Stop:659  
TAGCAAAGTGCTCCACGGGGTTTCAAGCTGGGCTTTGCTCAGGTCCTCATGAGTCGTGTGTCTAA  
TCAGTTTGTCTAGAGTACTCTAAATAGCCACCCTCACAAGTCCCCTGCCCCAGAGCCCCGCTT  
CGGCTCTCCCTGTTTGTAGGATAATGGATGTCGTGGAATTGTCTGTTTAGGTGTCCAGCTTCTGCAGGAG  
AAGTACAGAAGCTCCGAGATTAGGCCACACAGGGTCGAAACCTGCTTCTGCCGCTGACTGGCTGTCTGTC  
CTTCATCAGAAATGTTGCCAATGCCATTCTACGTGAATGAAGGTGTCTGGAGTGCTTGCACCCAGAGAAG  
GTTGTGAGATCGTTGTCTACCCAGACGTGGTGACGACACCTGCACCTCACACTCAGATGAATCTGGGG  
CTGGCCTGGGACCTCGACGCAGACATCTGTTGTCAGCCGAAAGACATCGTCCCTCACCTTAAATTAAGGA  
CGTTAACGTGAAATTGACTGGTCTGTAAATTTTGTGTTGACTTGATTTTTAAGTTTGTGTTTGTGTTT  
GTTGTGTAGAGCTAAAAGATAAGGAAGTTTTACCAGGATGTCTGTTTGTAAATATTTAATTTATGTTT  
GAATAAAAGTAATCAAGTG

>GBEQ3196 |Acc|BM780446|Ver|BM780446.1 GI:19128678|APL1\_3\_H05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:384  
GCACGAGGGCTGGGTCAGTCTCAGAGCAGCTCCTCATCTCTTCCCACCACCCAGCATCCAGCCGGCG  
TTCACCATGCGGGGCTCTGCTTCGTGCTCCTGACCTGCTTCATCCTCTTCCCTCACTTTGCCACAGGTC  
CAGGATGTAGACTCAGAGAAGGAGTGCTATAAAAGAGAGGCCGAGTGTAATGGTTTTACTGCCAGAAA

ATCATCACCATCTTGGTACCTGTTGGTTTGGGATAAAGAAATGCTGTCTGCGCTGGGAATGAGCTGAAGA  
ACATGGGAGGACAAGGAGCCCCGAGAATGAAATAAAGGCCTGACTGTAACCTCTGAAAGTGCTGTGGTATT  
ATTTCCCANAAAGTAAAGAAATGACCTGTGCTGT  
>GBEQ3197 |Acc|BM780433|Ver|BM780433.1 GI:19128665|APL1\_2\_A02.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:224  
GCACGAGGGCAGCTGAAGCTTTGGTTTTTCTTTAGATGCTTGGGACCTAGTTCTGTCTTCAAGGTGGAGG  
AGGTGGAGGGCGGCCACTCCACCACCAGAGTCCCCCTCCTCCCCTTCCTTCACTACTCCGTCTCAAAGT  
CTGAGGCCTGACAAGCCTTCCCCGAGCTTTGCAAAGCACCCGTTAACTGGCTCATGTTCTGGAGAATA  
AAATAACGTCTCTC  
>GBEQ3198 |Acc|BM780417|Ver|BM780417.1 GI:19128649|APL1\_2\_B04.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:49:Stop:537  
ATAAAAAGCAGTTTACTAGAGGAGTCTGGACAGCGAGCCCTCACATGGCCTCACAGAGTGTGGAAATAT  
GCCCTGGCAATGGCATAGAAGAAATGTAATGATTGAGCTCCTCTTGATCCTGCCCCAGAAGTTGTGGAGA  
AAGCTATGTACCTAGAGAATTCAGCAGATTAGAAATGTGTACCTTAACCTGTGATTGCCAGGTAGACAAA  
TGACAGTGATGTCCGGAGGGGTACCCCTACAATCTCAGTTCTGAATCTACCTCCTAACTCAGAAATAATC  
CTTAGAAAAGGAAACAACCAACTATCAAAATGAGATTGTGTGTCCGCCACCCAGGTAGAATAGGATTAGGA  
AGAAGAATTGAGCTGAACTACAGAAAAATAAAGAGAGAGATGTCTTGCATACCTGTTATTATGGACCGA  
AATTTTATCCATTTTACCATAAATTGTATTACTGAATTGATATTTTAATTGAAAATTAAACCAATACT  
>GBEQ3199 |Acc|BM780379|Ver|BM780379.1 GI:19128611|APL1\_2\_F07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:37:Stop:679  
TTGTATATTAGTAAATTGACTAATTTTATTTTCAGAAATCAGATTCATTGCCTCAAAAAGTCAATGTTAT  
GAAAAAAGGGATGGAGAAGAACTTTTCTGTATTAAAGTCTTTACCAAAAAAAGGCATATGGGGCTGG  
TCCCATGGCCGGGTGGTTAAGCTCTCGTGCTCCGCTTTAGCGGTCCAGGGTTTCGCCGGTTCGAATCCTG  
GGCACGGACATGGCACCGCTCATCAAGCCATGTGGAGGCGCGTCCACATGCCACAACCTGGAGGGACCC  
ACAATAAAAAATACACAACCTACGTACCAGGGGGGCTTTGGGGAGAAAAAGGAAAAATAAATCTTTAAAA  
AAAAAAGGCATAAAACAAAATGGCAATGTTGGAAGACATTTGGGAGACAATTGGGCAATTTGAATATGGA  
GTGAGAAATTAGATGATATGACGGGGTTAATGTTAATTGTGTTAGGTGTGATAAATGATATTGTGGCTA  
GAGAAGAGAATGTCTGATTTCTTGGAGCTGCATGCTGAGAGGTTGAGGGATGAAGTGTTGGAGGTGTA  
TACTTTGAAATGGTTCTGCAAAATATGTATGTGAAGCATATATGGTGAAGTGTAGCAATTATTAATTTG  
AGTTGGTAAAGTGT  
>GBEQ3200 |Acc|BM780374|Ver|BM780374.1 GI:19128606|APL1\_2\_G05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:40:Stop:639  
TAGATTTTTCACCTAAGAAGTTCATCAAGTATTTTCTAGTATGTTTTGGAAACTCTAGAGGAGGCAAAGCCTG  
TGTTTCAGAGTGGTAGAGGGAGCACATTATAAATGAGCTGCCTTTCTAAGTCCAACATGCTGTACAGATGG  
CTTCAGCTGAGTGTGAGTGTAAATACACAAACACATAAACCACATACATACATGTTTCGTATGCAGAGGA  
TTTCCAACTATTGCAAAATGTTGAGCTCTTTGGAATGCTACAGAACTCTACTGCAAAATTGCGTACCAGA  
AAACTACATGGAGATAAGCTCAGCTCTTTCTTGGGAAAAATTGTGTTTTAGAAAATTTAGAAATTAGTTT  
CCATTGGATTAATTAAATTATCTCCAGTTTTTAATTACTGGATTTGGAATTTGAAGTGCTATCCCTCAGTC  
TCACTGGTCTCAAATTCAGTATAGAGTTTTTCCCTAACTAATAAGTGGGGTTAGTATAACCTCCGAAA  
TCAGTACCCACTGGCTGCTCCTGGACTGATTTCCAGTCATGCTCTCCATGTGTAATTTTACAAAATAAA  
GGTAATATTGTATATTAAAGATCAAATAAAGATATTCTTT  
>GBEQ3201 |Acc|BM780366|Ver|BM780366.1 GI:19128598|APL1\_2\_G12.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:49:Stop:411  
CCATTATTTACCATGTTTGGAGAGAAGACATGAGAGTATGATTTAAATGGAAATGGATTGTTGGGATACC  
TGGCTGGAGTCAGTGTGTTGATCATGACATTGTGTTGGTCATTGAGTGTGGTGGGTCTGACTCTCCCTTGA  
ATGCCTACTATGGATGACCCCTGGGAAGAGCTCTCCTCTCTTGCCTGTTCCACAGGGAGTCCCCGTTT  
CTGATGATTCCCTGGTGTGTCAGTTCTGACATTGAAGTTGCTTGTGTTGGGCATACCCCTTGATTTTTTGT  
CCCTTTTACCTGCTTGAAGTTCATTTATTTTATAATTGTCAAATGTATACATCTGCTTGTAAATAAAGC  
ATGTTTATAACCC  
>GBEQ3202 |Acc|BM780360|Ver|BM780360.1 GI:19128592|APL1\_2\_H10.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:249  
GCACGAGTTTCCCTGTACTCCCCACAGTGGTTCCCTTACAGGTACACGCAAAGAGGAGATTGGGGGG  
GTCCCTAAGACTTCTCCTGTCTCACAGTCTGTGACTCTAGCCAGCTGTGAATTCATTTTACTTTCCATT  
CTCCTGACAGGCTTCCCACTTACTTAGAACTGAAAAATGTTGCTATGTTCAAAACCTCTAACACTAAGG  
CAAATAAAAAATAGGTACCGTTAAAAAATAAAAA  
>GBEQ3203 |Acc|BM780357|Ver|BM780357.1 GI:19128589|APL1\_2\_H07.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:532

GCACGAGGCTCTCTCACCACGTACTTCCATGGCACGTCTCACATGGGCCCTCAGTTCTGTGGCTCAGAA  
AGCAATGGGCTGGAAAACAAGATACTTTTCTTTTCCAGTGTGGCTTCACAAGTGACTTGGGGATCCCTTT  
GCCCATCCACCTTCTTGGCCTGGGGTAGGAGGTGGGCAGGAAGCATTGAGGAGGAAGGGAAGTAATGTC  
TCACCAGAAGCACTGCGCACCCCAAACTGACCCCTTCACTTCTCCAGCCAGTGCTCACCACACATA  
CACAGGGTCAGGTGGGGTGGGGTGGTGGTTCCTCTGAGGAGGTGCCGAGGCTGATCAAACCTCTCCTTTG  
AATGCCCGGACACCTAGCAGCTTTAGTTTACAGCTTTGGCCATTGGTTGGAATTCAGAACAAATGGGAAA  
AGTCCACACAACATCCTATCACTTAGCCAGAAAAGAGTAAGAGGCTTCCGTATACCGACACAAAAT  
GATCTCAAAGATATATCGTGAAATAAAGGCAAAGTTCAGAAC

>GBEQ3204 |Acc|BM780356|Ver|BM780356.1 GI:19128588|APL1\_2\_H06.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:49:Stop:630

CGGCTGTGTTACGGGGTGCCTCATCTTCCCACTCGAGTCCCCGAAGAGTTAGAAACCCACTCACACCGC  
ATTCTCAGTATAGATCATTAACGTGTTTAGTGCTGTAGTCTGTTGAGGCCAGCAAGGCCAGGCTCCCA  
AACAAAGGTGATAAAATCTAAGAAACCGATGGAGGCTATTTTCACTGAAATCTGGACAATAGGAGGCTTAA  
AGTTGGACTGCTGCACCTATTACAGCGTCTATGGTGTGGATGCTGTTATTGAAATGATTTTATTTT  
CGTGTGTTTCAAGAGATGTAGGAAAATTTGATGATTGACTGGAAGAATAAGGATATAAGGTTTGGGTCTGT  
TTTCTGTTGATGACTTGTATGTAATGTTCAAGTGATATATAAAGGAATTTGTGCTGCTGAGGGCTTGGTG  
ACAGTAAATTTCTAAAGTGAATCTGTTTTTCTTGTCTTCCATTCTAACCTCAGAGGGTGTCTTTCTA  
GAAGAAATGATCATCTCTGGCTCTGATAAATCTATGCATCAGAAATTTGCATACAAGTTGTTCTGATAAA  
ACTAACAAATAAAATATTTACC

>GBEQ3205 |Acc|BM780329|Ver|BM780329.1 GI:19128561|APL1\_1\_B11.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:554

GCACGAGGAAGAGAACTAGTCTCGAGTTTTTTTTTTTTTTTTTTAGCAAAGAGATGTTTATTGACTTGC  
TCAGTATATAATACTTCATAGAAGATTCAAATTAACATGTGATATAAATGCTACTATGACAATCAGCAC  
AATAATTTCTTGTGTTTTCATTAAAGTTTGTCTAATAAATTTGTTGAGAACTTTATTCTTGATCAGTGCTCAG  
GAAGAGTAGATGGTACTAAGTGGGGGTGGATGGAGACCATCCTGTGAGAACAGATAAGCTGAGTCCACA  
TTTCTGGTGCTTACTTAGTCCCTCCTTTTTTATTACACAACCTATAATACTCTACACAGACACTAAGAAA  
GTGCAATGGATGTAAGAATCCCTAGGCATCCATCAAGTGCAGTAGGCTAAGCCCATCTTCATTCTGGGTT  
TTATTACAAAAGCCTCGTGCCGAATTCGGCACGAGGGTCCACCATTGTTGTTGGATTATATGCCCTTT  
TCACTTCTGATACATTAACAAGTAAAAATGTTAAGAAATAATAATAAATAAAGAATATTCC

>GBEQ3206 |Acc|BM780317|Ver|BM780317.1 GI:19128549|APL1\_1\_D05.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:1:Stop:469

GCACGAGGCAAGGTTCCAGAATCAAATGTTGTGCAAGCACCTTAGGAGCCTTGTAATAGAGGCTCCTTCC  
GCCTGCAGCAGCCTCGCTGGGTCCAGTCTCAGAGCAGCTCCTCATCTTCTCCTGCTGCTCAGGGTCCAG  
CCGGCGTTACCATGCGGTGTCTCTACTTCGTGCTCCTGACCTGCTTCATCCTCTTTTCTCCTCACTTTGCCA  
CAGCCTCCACCCATCGCATAGACTCAGAAGAGGAGTGCAATCAGGCTGGTGCCAGTGTAATGGTTTTTC  
TTGCCCCAAGAGATGTAACGCTTGTGGTTCCTGTTGGTGGGATAAAGAAATGCTGTCTGCGTGGATGG  
TCGGCTGAAGGACATGGGTGGACAAGGAGCCCAGAGATTTAAATAAAGGGCTGACTATAACTCTGAAAGT  
GCTGTGATATTATTTCTGAAAATAAAGAAACAACCCCATGCTGCATTT

>GBEQ3207 |Acc|BM780310|Ver|BM780310.1 GI:19128542|APL1\_1\_E03.g1\_A005 Liver (APL1) Equus  
caballus cDNA, mRNA sequence.:Start:87:Stop:642

ACCAATGTAAATGAGCAGCACGTATGGAAAGGTTTCCCACTTTCCTGGTGCTTCTCCCTGCCTTGTTT  
TATAGAGCTGTGAAATGTTTTTCTTGTGGAAAGGAAAAAGCTTGGCAAAGAGGCTTTAGCCCAAGT  
TTCTATGTGACACTTACAAATGGGAACACACAGTTAACTTAATTTTAGATGACAATAACTCAACTGCAG  
AAGCTTTCCTATGCTGTGCCATTCTTTTACAAATCTAGTGTGTTTTTCTTTAACGCCAGTGATCTATC  
TTATCTTACTCTTTATAACACTAATTTTTATGACTTTCAGTCTTTGCATTAGATATAATATTTATCAG  
TATAAATTGAGAAATGTAATTTCCAGAACCACAAAACCTGGCGTTTTTTTCTAGGAAAGTATAGGAAGAA  
GTTGGAGATTTCTAGCCTCATCGAGCAAAAGTTTCAAGGAAATATGATACATTTATTTTATATTTTAA  
ATCAGTGATGCTATAAGAGGTTTTCTTTGTGTATATATGCTTTTATAATAAATGTTTGACCCCTCTTC

>GBEQ3208 |Acc|BM735615|Ver|BM735615.1 GI:19056948|MONO1\_21\_A04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:49:Stop:551

CACACAGCCTTTTCTCTAATGAATCAAGAGCTTGTGACGCCCTTAGGACAGTGGTTCGGACTGTTGCACG  
TTGCAATCACCTGGGCTCTGTATCCGATACAGATGCTGGGTACACATCCAGACATCTGATGTCATTA  
ATATGAGGTGCACCCCTGGGCACAGGGTTTTTACGAGCTCCTGAGGTGATTCTAATGTGAAGCAAAGTTT  
GAAACCACTTTTGTGCTTAGGGACTTTGTCTAGTGTAGTTTAAACAAATAATTTATCTGGAAAAAGTT  
TTGTTCTCTAGGGGCTGGCCCCGTGGCCGAGTGGTTAAGTTTGCAGGCTCCGCTGCAGGCGGCCAGTGT  
TCGTCGGTTTCGAATCCTGGGCGCGGACATGGCATGCTCGTCAGACCACGCTGAGGCGAGCGTCCCATG  
CCACAACCTAGAGGAACCCACAATGAAGAATACACAACCTATGTACCGGGGGGCTTTGGGAGAAAAAGGAA



1112

>GBEQ3215 |Acc|BM735449|Ver|BM735449.1 GI:19056782|MONO1\_19\_H04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:604  
TCAGTTACTTCAGAAAGTTTAAATTTAGAGTAATTCCAATTCATGCATATAAGCATGAATTGAAAAGATA  
ACTATGATTGTTCTTATATAAAAAATATGATTGCCATAGAAGTTAATGAATACACTTATAAGAATGTAATA  
TGATTTCCTTTTACTTCTACCTTCTGTTAACTGCTGCTACTGGAGTTCGCCCTTTAAAAAATACTTGT  
TCTTAGCTTTACAGAAGTTGAGATTTGAAGTCCCTGGCATCCTGAAGTATGTTATATGCCATGTGCTTGT  
TATGAAGATTATGGTATGCCAGGAGACATTCCTGATTTTCATTATATAGAGAATCATATTTGAGAATG  
CTGTTCTTCTTATCTTTTATAACATCAATTTCCCTTGTTCGCTTGTCTTTTTTTAAATGTCGTCGGTTT  
AAAGAGTTTACTTCATTAACACTTTACTTCAGCAGTTTGAATAGTAGATGGAATAATAGGCCCGGTCT  
ACATTAATTTTCCCCAGTCTGCATTAGAATATTTTGAAGATTATACTTTTCCAAACAAAGAAAATAATT  
TGTATTTTGTGTCTAAATTAACCTTTGTTTAAACTCTG  
>GBEQ3216 |Acc|BM735389|Ver|BM735389.1 GI:19056722|MONO1\_20\_B05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:12:Stop:584  
TTTGTGCGTGGGGAGGAGCTGCCGTGCCCTGCCCGAGCACAGACACCCAGTGTCTCTCTCTCCTCTTT  
GTACCACTGTCATACCACAGCAGATCTGAGCCTCCGGCCACCCGGGTGGAGATGGACCCCGAGCGGCCA  
GCTCCCTGGGCCCCAGGGCCCTCCAGGCAGCTCCCCACGGGCTGCAGAGCCCGCGGGGCCAGTGAGGAG  
GACTGGCCCTGCAGGAGGGGGCTGGGAAGGAGAAGGCAGAAGTCATGTCCCTCCTTCCAGCTGCCCGTC  
CTCAGCATCGAGACCTCCAGAGGCAGCCCTGCCCTCGGCCTCACGTGGCCACTCTCAGGAAGGTCTGGAG  
ACGCCCCCAGAGCCAGCCACGCATGGACACTGCGTGGAGCCCGCTGGGACACTGAACCGGGTGTGAATCC  
AGTCTGCCCTTCGCAGCTGGGCCATGAGATTTATTGTTCTTAAAGCCAGACGGGAAGAAGTGTGCCTTGA  
TATTACTTGAGCTCAAACTGACGACTTGATGTGATAGGCATTTCTACTTGGTTTATTTAATAAAGCTT  
TATATAATTTCTT  
>GBEQ3217 |Acc|BM735380|Ver|BM735380.1 GI:19056713|MONO1\_20\_B11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:436  
GCACGAGGGAAAGAGAGGGAGCTGAGGTGTGAGAGAGAGGAACTACCGTGAGAATCTCTCCTTGGGAGA  
ATGAGTTGGTGCCCTTTCTCTTTTGCTAGAAAGTTCTTTCTTATGCAACTTGGTCCTGTCCACTCAA  
ATGCCCATCTCTTTCTGTCTACTAGTGTGCCAGACCTGGAGCTCAAGCTGGGTGGGTTTTGTTTCAATA  
AAAAGCATAAACCGGGCCAGCCCCGTGGCCGAGTGGTTAAGTTCTGTCGCTCTGCTTCGGCGGCCAGAG  
GTTTTGCTGGTTTCGATCCTGGGTGCGGACATGGCACTGCTCATCAGGCCATGCTGAGGCGGCATCCAC  
ATGCCACAAGTAGAAGGACCCACAATAAAGATACACAAGTGTGTACTGAGGGGCTTTGGGGAGAAAGAG  
GAAAAATAAAATCTTT  
>GBEQ3218 |Acc|BM735366|Ver|BM735366.1 GI:19056699|MONO1\_20\_D04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:451  
GCACGAGCTTTTAAAGAACTGTCAGTGTATAGCCTTTGATAACTCTATACCACTTGGGGCAAGCTGTTCCA  
GCATTGGTTTTGGATGCTGTATGCAACCAATCAGAATACATACCACATCCATTGCACTGTTCTTTCTTA  
GTTTCAGTACTTACCATCTACAGATTTTACCATCACCCGATCGCACAAAAGTTGAAAAAGAGCCC  
AGCTTAGAGGCAACATGGAGTTCAGGATCCACTAGACAGTTTTCACTCTGCTTGGAGGTAGCTGGGTAAT  
CAAAAATAGCTAATCTCTGATTCATGTGAACCATAGATCTTTAAGCCCAAGAGTCTGAAAACTTTGT  
TAATGCTGTCTAGCATTTGTTTGTGATGTCAATTCTTTGAGCCTGAAAAAGTTCTGGATTGATTCAGTG  
GCAACAATAAACTCGCCATTTAAATTTGTTT  
>GBEQ3219 |Acc|BM735352|Ver|BM735352.1 GI:19056685|MONO1\_18\_A01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:11:Stop:487  
AGCAAGCTCTTGCCATCAGACTGCACTGCCTGCGGGAGGAAGAGAGTCTAATGGCTTTAGGTGTCTGGGG  
GCTCGTTATGGCCTAATGCCCACTTTTGTCTGTATCCTCCTCCTGCGCAGAATAGAGAACTGCACTGAAT  
AATAGTTAATACTTAATGTTCTCTATTAACCTTACTGCTCACACGTAACAGTCTGGTGGGGAAATGCGATT  
CATTCATTTAAATCCCGAGTAAGCCTCGGGGGTATTGACTGAAGATGCCATAAGCAGTCAAACCAAGCA  
TTCCATTTGTAGAGTTAGATGGGACGCTCCAGATATTTGAATCTCTTCACTTGATAGGAAAGGAAACAGA  
CCCAGGAGAGAGAACGTCGCTGTATAGTGAACGTTGTTTCAAGTACCTCACGGGATAGAGGAAAG  
ATGGTCTTAAGTTTTGGGAATTAAGAAATAATATCTTTTAATAAATATATATTTTT  
>GBEQ3220 |Acc|BM735349|Ver|BM735349.1 GI:19056682|MONO1\_18\_B01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:467  
GGCCTTGATTGTCTATTCACCTTGTCCCACTCTCAAAGGAACAGATTCTGGAATTAGCAGAGAGGA  
AGGGATCCCATCATTTCTCATCCTAGATAAGATCCTGTTGGGATGTTCTGCTTTGCAGCCTGCCCTCTC  
TCCTGGCCCTGAGCTCCAGTCACTAGTGTGCTGGCTCCAGTCCAAGCTCATGATGTATAAAACAGAGTCT  
AATTTAGATTTATATTTGGTTGGGAAATAGGACGCATAAGTCAAAGATCATTTATTGTTTTCTGAAGAGA  
CAAATGTGTGCTGTGGTGTGTCAGGAGGGTTGGTGGGAGGGAGGGATGGAGAAGAGGGAGGGGAGAGC  
AACACTTGTGAGAAAAGTACAAGTGGCATTGATGTCAATGTGAGTGCACATTGTCTGTTGCTGCCACGA



AACAGCATGTGCCTGAGGTTATGTTAATAAAGATACTGTCTCT

>GBEQ3221 |Acc|BM735276|Ver|BM735276.1 GI:19056609|MONO1\_18\_H04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:529  
GCACGAGCAGATGATATCTGTGTTAGCTGAAGGAGATTAGGTAATAGGTGTTTTCTGAACATCAGAGAA  
ATATTTATGATCACCTTTGCTTAACACACACTCCCCCTTCCAAGGACTAAGAGGCTGCTAAAGGAACTT  
CATTTATTGCCTAAGCTACTGCACTCTGTCCAGCAATAAGTGGTGAAGCTGGCCCTTCCCCAAATTCGT  
TCATTTCAAAACCTCCTAGAGTAGGACCCTGGGGTGAATAGAATCAGCGGAGAAGAGGAAATGTTTTCCT  
GTTTGGTTGTTGGTGACTTTTGCAGTACGGCATTCATGAGCTCAGACTTAATATTGGCAACACTGCAGTG  
CTTTGAGCGCCCTGCAGAGCGGTTAGCAGGAGAGCATATTCATCTGTGACATAATTTGGTTAGCAGCTCA  
CCCTGCCTGTCTTTGTCCCACCTCTTTGATTTCTGTCTTTGGAGGAGCCCTTAGTCTGAGATTCCTTGG  
CTCTGTTCTTTTGGTAGGACACTATAAGGTATTAAAGAG

>GBEQ3222 |Acc|BM735253|Ver|BM735253.1 GI:19056586|MONO1\_17\_B02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:181  
CCCTCCCGAGGCTGCCACCTCTAGCAGCCCACTCAGAACCTTTGCCCTTGAGGCCCCCTCCCAAGGGGCTGG  
GCTGCACCCCTAGCGCTGTGCCACCCCGGCCAGGCTCGGAGACAGACCCAGCCTGCCATCAGCGCCTG  
GATTTACCTCTCCACAGAAATTAAGCATTGTCTAGTT

>GBEQ3223 |Acc|BM735242|Ver|BM735242.1 GI:19056575|MONO1\_17\_C12.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:14:Stop:657  
CAGGTGTTTGGAACTTAAAGTAAGGGAGTATTTCTTTAATTTTTTATAAACGTCATAAAAAATCTTGACT  
TGGAACCTTAATTATATCAGGATGTTTCATGTTTGTATTAAATTGTTGAAGTTGTACATTTAAAGACATTTCT  
TGCAAAATTTGTAAATTTCAATATGCCTTTCAATAGAACATCTGTGTAACAAGGGAAGGTGGTGATA  
ATACTGATCAAGTATGTCAACAGGCCTCCTCCGGCCGGGGCTGAATCTGGGTGTTTGTAACTTTGCCGT  
GGTTAACTGTGCGCTTTCTGCTGTATTTAGAAGACCCGAAGTCTTTATGTGTTGATGGGTAAAATTTTTC  
TGAAAAATTTAGTAAGTGAACATTTGCTGCTTCAGAACATCCACTGTCTCCTTACTCTATTTATTTATAT  
TGCCATTGTATTTTCTACACTTTAGAGGAAGTTGTCTCTTCAGTTCTATATTAGAAGTGTGCGCACTGCC  
TCCTGTCCGTTTGTCCCAGTATTTCTCTATGAAATTATTACTCGTAGGTTTTATATGATCCTTTTCGAAGA  
TACTTTGACCTTCTAAATTTTGTCTGCTTGCCATGGAAGTTTCATTTCACTGTGGAGCATCTGAAATA  
AAAGTTTCTGAGTT

>GBEQ3224 |Acc|BM735232|Ver|BM735232.1 GI:19056565|MONO1\_17\_D02.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:23:Stop:563  
TTTAAGCGCATGAAGGACCTCCTGCTTCTGTAAGATCAGTGGAATCAGTGGCTCTCTTCGTTATTTGGT  
CTATGCAGTCATCATTTGGGTCATTTGGGGAAGGTGTTGTTTTACAAGTCACTGAGTGCTGCTAAATGC  
AATTGATTTTCTCTCACTACATGACACTACACCCCAACCATGGATTGTATTTCCGAAAACATCACTTTCT  
GAGTGGGATCTTGAAGTTTTTGAGATTGCTGCGGAGTCAACATTTGTTGAGTCATTTTGTAGTCCATCT  
CTCTGTTTTTCTCTGTATGATGACGCTACTATGTAATAAGATCTGTGAAATGAAACACAGGAAGGAGCCC  
ATGCCAATATTTGGGACACTCAACTATGACGGTTGGTCAACAGGACACTCTCTGGAGGAGATTCTCTAGA  
CTTTTGGTGGTGAATAATGTCTGGAACAGAAAGTCGAATAATAATGAAGGATATTTGAAATCTGTGCAA  
TGTTATAAATCAATGTGACCTCATTAATAAAGAAAAAATTAATAATG

>GBEQ3225 |Acc|BM735213|Ver|BM735213.1 GI:19056546|MONO1\_17\_F07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:76:Stop:650  
CTCCTGCCCTCCAGTCAGTCAAGTGAGAGCACAGGGACGGAAGAGTGGCTCTGCAGTGAGGCATCGCTCAG  
CTCAATTGGAAGATATTTAAAAATGTGTAGGCCCCCAGTTTGCTCGGGGTGGCATCCTTACGTATGGGAT  
CAGAGGAGCTGAGAGTGCCAAAGTGAGACTAAAGTCAGTAAGACTGTTAGGTTATAATAGGGCTGATAAAT  
GGGAAATACCAGACAAGTTCAACAAAAAGTGTGTTGATCACTAACCTGGGCAGCCTGATGCCCTCAGGT  
TTCTAAACATCAAAGGACTTCCATGTGCAGCTAATTCGAGCTATGTGCAGAAGGGAGGGAACCAGCACA  
CTTTCTCCCAAGCACTATGTTTTAGTTTGGGTGATTGTACTTACATCTATTTTGGTCAAACCATCAGG  
TCCACCTCAGCTGTTTGTGCTAAGGCTCATGTGAGTAGTGGTTTTTCCATTTCTGTCCACCTCTTAGCCT  
AGGACAAGGGGAGTGACCCACAAATGTGATTTGGGATAAACTAGAGGGAAAGCTATTCTGGAATTGAAC  
ATTAAGGACAGCAG

>GBEQ3226 |Acc|BM735197|Ver|BM735197.1 GI:19056530|MONO1\_17\_H11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:43:Stop:601  
CTGTGAATTTTTAAAGCTCCTAATTATTCCAGTTTTCTGTCTCCATGCTTTAAAAAATGTACTTTTATG  
AAGGCAGATTTGCACAGTGAAAGTCCCTGCCCTACACTCCATGTGGCCCTGTTTCCATAAAGTACACT  
CCTAGTAGCACAAATTTATTTTTATGCTGTTTGGCCAGATACATACATACATACTCTTTTGTTTTACT  
GGTCAACTCAGCTGTTTGTGCTAAGGCTTAAATAGATCTCCCTGTGAAGCCAGATGCCAAATGAACTTTGTG  
GTGACTGCAGTCTGTTTTCTAGTCAATTTTAATGGACTTGTGACACTGGAGAGTTTGTTCAGCAA  
AAAGGAAGTGAATTGTCTATCTTTGGATGTTTGCATGTTGGAAATACCAGATGTGATGTATGATA

ACACTGTCATTTTGGATTGGTAAAAATGTTACTTTTATGATTTTACATCCTATGTAGTAAGAATGGCTTTG  
TTCAAATGGTAATCATTATTAAGACTGTATGCTTTACTTACAGAATATTAAACTCAGTTGTTAATGTTG  
>GBEQ3227 |Acc|BM735190|Ver|BM735190.1 GI:19056523|MON01\_17\_H05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:281  
TTCGGCACGAGGGAAAAATAGTGGCCAGATGTATGTGTCTGTTTGGCCTCCGGAAATTATTGCTGGACA  
ATGCAGGTGCTGTCGATAATCCTGGGGGTGATTTGCTGAGATGCTGAGCTGAGATGGCTGAGATGGCACT  
TAACCTGAAACTAGTTCTCAAAGTTATTTTCCAACCCAGTCATTAAAAAGCATTTATTGCCTGCCTGGT  
GGTGTGGGAATACTCTACTCTGTAGGTTCCAGTAAGGAGTGCAAAATATATGAAAGGACAAGTCCCCTG  
C  
>GBEQ3228 |Acc|BM735189|Ver|BM735189.1 GI:19056522|MON01\_17\_H04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:550  
CCCGAGTGCTCATACATGTGCAACCTGAAAAAATGAGGGGAATTAAAGTCCCATGGGGTGAACCCTAGGC  
CAGTAGAGAACAGGAGCAGGTGGAGAATTTATGTCCCTTCTCCTCTAGGATGGATCAATCAGAGATTT  
GGACATTTCTCAGAAAATGGTCCCATCAGATCTAGCCAGCAAGTAAACTTGCTACCAAGTAGTGGTCATCT  
TGTGGGGCTCCACTCTCACATTGGCTCTCTCTTTTGGTTCCCCTGGCTCACTCCCCTCCTTGCTCATGG  
CTGTTTCCCAGGGGATGCACTTCTGCTAAGATAGTAGCATATATGATTCTGCCTCAGGCTCTCTTTCCCT  
GGGTCAACCATTTCTAAGACGCGAGGACTGGAGGGATGAGAATTGAGCATGGGAAGGAGTGCATCGTTTAG  
CAACATTTAAAAATGTAGGACTTGATGACTGAAGGTGACTGTAAAGAAAGAAAGAGTCAAGGATGGCTTCC  
AGGTTAAATTTTAGCTAAGCGATGCCTTATTAAAAACATTCACGCTTGGTGGACT  
>GBEQ3229 |Acc|BM735146|Ver|BM735146.1 GI:19056479|MON01\_16\_D05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:14:Stop:588  
CTTTCCTCTGGAATTGGACTATCAATGGCCACGTGGTTAACTGGTGACATGCCAGGGACGACCCACTGA  
GCCCTTACTCCCCCTCCCTGCACCCGATCTTGGTAGGCCGCTTCTCCACCCATCGACCTCTCTGCTAGT  
GCTCACAGGAGCACTTGGGGGCATGCCCACTCCTTGGCAGCTAGACCATGGAGTGCCATGAAACTATGCC  
CAACCCGTGTGCCTCTGCCTCGTCCAACCTGTCTCCATCTCATTGGAGCCGTCTGAGAACAGAAGAGTCT  
GGCAGCTCCCTATTCTGTCAGCCGCGAGGGCCCTCCCGAGAGGCCGTGTGGAGGAGAGGCCTTGGCGCAT  
GGGCTCCGGAAGCTTCTGCCCTGTGCTAATAAAGCTTTTCATCCGCCCCAGCCTGGGTGACTTCAGGGGAG  
CTGTACGTCAGCTGGAGGCCAGACCTGTCCCTCATTTCCGCCCCCAATAAACGCTGCCAGTTCAA  
GGCCCATCCCTGAGGCTCGAATCCAAATCTGGGGCTGTAGGAACTTTCGAGATTCCAGTGAAAATTA  
AGTGACAGTTGGTTT  
>GBEQ3230 |Acc|BM735053|Ver|BM735053.1 GI:19056386|MON01\_23\_E05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:298  
GCACGAGAAGGATAGGACTTAACATCCTTTGGCGTATATAATTACTTTGCTCGTTTTTAACCTTTTACCTT  
TGTGGTTTGGAGTTTGGTTCTTACCTGACCAGATGCATTTGCGATGTATTGTTACCCATCCCTGACTGGAC  
GCGTCGTCCGGGTAGGAGTAGGGAGGAGGTGTACGTGGCCAGAGCGTGGGTGCGCGATGGACGGCAGTG  
GCTCACGACACTACTTGGCCTGGGAGTAAGCCAAACCACTAATCCCTTTTCTTTGTAAACTGAAAA  
ACCTTTAATAAAATCGAT  
>GBEQ3231 |Acc|BM735006|Ver|BM735006.1 GI:19056339|MON01\_15\_B03.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:339  
GCACGAGCGCGAGCGTTTTCTCCTGCGGGTGCTGTGCTGAGGATTATTTCTGCTGAGGACTTTGCAATTTT  
TTTCCGCCCTTTTTTGGGGAGCATTTCCGCCCTTCCGAAGGTCTTGGACGAGCACTGCATGCCGTTTACC  
CCCGTTCATAAAGTTCAAGCTACAAGTGCTTTACCTTGTCTTTTTGACCCCTTTTGTGTTTTCTTCCC  
CCTGCATGAAATCCCCCTCTCTGCTTTTTTTGAATAGTTGATTCTCCTTCTTAAGAATTCAGCTGAAAT  
GTGACCCACTCAGAAAGATATTCCTTACCCTGTATTAAACAGTTTTTTCCATCTTCC  
>GBEQ3232 |Acc|BM734986|Ver|BM734986.1 GI:19056319|MON01\_15\_D06.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:81:Stop:673  
GGTTTCCTGATTTTGCACTCTTGGGATGTTTTCCAGAAGCTTGAAGCGTAAACTGAGGCTGTGAAGTGAG  
GACTGTTTTTTCAGGCGGAGGTGGAAGGGGTGCTGCTGAGATGCGGCTGGGGCAGCCCTCGTGGTACAGCT  
GCCCTGGTGGAGTTTACGCTGGATGATGGATGTGGGATCGCCTGTCCAGTCAACGCGGACCAGCGGCCAG  
GATGGCGCTTCTCCCTCCAGTCTCACTTGTTTGACCTGTTACTAACCCTTAATGATGCTTTTCTACCC  
ATCCTATGACCAAGCCAGCCAGCCAGCAGCTGGGAAATGTATATCAGAGTTAAATTTCTCCCTCAGAA  
TTGAATTTTATAAAAATTAAGATGTTTTGGGGCTGGCCCCGTGGCTGAGTGGTTAAGTTCGTGCACTCCG  
CAGCAGGCGGCCAGTGTTCGTTAGTTTGAATCCTGGGCGCGGACATGGCACTGCTCATCAGACCACGC  
TGAGGCGACATCCACATGCCACAACCTAGAAGAACCCACAACGAAGAAACACAACCTATGTACCGGGGGG  
CTTTGGGGAGAAAAAGGAAAAAATAAAATCTT  
>GBEQ3233 |Acc|BM734984|Ver|BM734984.1 GI:19056317|MON01\_15\_C12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:15:Stop:642

AACGTAGATTTTTAACAGGATTCTCTTTTGAAGCTGACTGCAGTCGAGAGGTTATGGCAAGTTAATTTCT  
CAAGCTTGATAGATTCTGAGTACTTTGGGAACACTTATTTGGCTACTGGAGGTTAAACCTGACTAAACAC  
TCAGAAGGCAAAAGAGAAAACCAACTGAATATAGAAAGTCAGGTTGGGATCTTATTGCTGCTCTTTGCAA  
CTTGGCCAAGAGCCATGAAGCTCAGGCACTGGTATTTTGGATATGGTACAGAGTACATTGCTTCTGAAGTA  
ATTTCTTAGGTATCAAAAGTCTGAAAAACATCCCTAGTTTTGACCCAGTAATTATAGATCTAGGAATTGA  
TTCTAAAGAAATATACGTGTGCATGAAGACTTTTGTACATTCAATTTAGTGTTACTTACAGCAAAAACTGA  
AAACCTATGATTCTGAAACTGGGGGAATGGTGAGATAAATTACAGTATATTTCTGTGATGGAATACTATA  
CTGCCATGAAAATTATGGTTTGAAGAATACCTAGTGACATGAGAAAAACACTCACAGAATAAGGTATATAA  
AGAAAACAGAACACAAAGTAATAAATACATAACATTCAATTTCTTATATATCTATACCTTAACACGTG  
>GBEQ3234 |Acc|BM734983|Ver|BM734983.1 GI:19056316|MON01\_15\_D04.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:510  
CTCAGCAAAAAGAGGATTGGCAGCAGATGTTAGCTCAGGGCTAATCTTCCTCAAAAAAATAATATTGC  
AGCATTATGCACAATAGCCAAGACTTGGAGCAACCTAGGTGCTTATCAAGGGATGAATCGATAAAGATG  
TTATTTATACACAATGGAATACTACTCAGCCATAAGAAATGATGAAATCTAGCCATTTGTGACAACATGG  
ATAGTCCTTGAGGGTATTATGCTAAGTGAACTAGTCAGGGACAAAGTCAACTACTGAATGATCTCACTC  
ATAAGATAAAAAACGACAAACACATATAGCATTTGGAGAATGGATTGGTGGTTACCATAGGGGAAGGGGGA  
GGGCAAAACGGGTGATTAGGCTCACATGTGAGGGGATGGACTATAATTACTTGTGGGTGGTGAACATGA  
TGTAATCTACACAGAATTTGAAATATTACGATGTACATCTGAAAGCTATATGTCATAATCCAATATTACT  
GCAATTAATAATTTT  
>GBEQ3235 |Acc|BM734974|Ver|BM734974.1 GI:19056307|MON01\_15\_E12.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:10:Stop:563  
CATTTCTGCCATCTCATCCGGGACTTATCTGTCAACCACTCCTTCCAGCTTTCTGCTGTGAGGTCCCAT  
GTCTTCACCACTTTGTAATGGTTATCCTAGCCCTGATAGTGAGGACTAAGGAGGGGTGTGAGAGACT  
AGACATATAAATGACAAATGGCCAGACCATATATGACAATAGAATACTGACCCACAATCTTTGCAGCCAC  
CAGCCAGGAAGCCAAACCAACCTGTGCAGCAAGCAACTCAAAACAGTGAGGACTTGGTCAATAACTGG  
GAGCTTCCCTAACCAAGCCCCCTTCCAATTTAGGACCAACCAGAGAAAGCCAAACAAGCTCCCTAACCAAT  
CACATGGGATGCTCTGCTTCTAGGTAGCCACCTCCAGTTTCTCTGCACCAACAACCTCACAGGCTTCCC  
TGAAGCCTTCTCTTTTCTCCACCACAAGCTTCCCATGACCCTGCCTGCCTCTGAGCCTCTGACCAATG  
CAACGGATGGTGGCTCACTCCCTTGCTATAGCAAGTGGGAATAAATAATCTTTGTTTGTCTCT  
>GBEQ3236 |Acc|BM734944|Ver|BM734944.1 GI:19056277|MON01\_14\_A02.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:628  
GATTTGTGGGGCTGACCCACCCAGCTCCAGGAAGCGGGGAGAGAAGGCCTGGCCTGGGTCCAGCTAAT  
AATATTCCATCTCCTGGCTCTGGTGATTGGCTCAAGAGTGGGCTGTGACCAACGTAGGGCCTGGAGATT  
CAATCATGGGACTTCTGCTGCAAAAACCTAGGAAGACAAAACCTTTCAGGCTTGAGTTCTAGCTGTGAGGAT  
AATGCCAATCTAGAGCTGCCAGTGCCACATACAGAGCCTGAGCATTAAAGCCAAAGCAGAGGAAAGTGAGT  
GGGGAGATGGAGCAAGAGGGATCCAGTCTGGGTGATAGCATATGAGCTTCTGGATCCATCAATGCTCAG  
AAGCCTGCACAACCTGGGACACCCGAGCCAACCAAGTTCCCTTTATGGCTGTGGCAAATACTGAAAGCAGGC  
TCCCTCCACACTCATTTCCCAATCTGTCTCCCGCTGCCTTCTCTACCAAGAGTCTGAAAAGCTGAGTC  
ATTATTTCCAGCCTCCTTTGTCAGCCAAGGGTGACCATGAGACACTTTCTGGCCAATGAGGAAGCCCCCTG  
GGGAGGGTGCCCTTCTGTAATAAAGGGAAGTTCTC  
>GBEQ3237 |Acc|BM734943|Ver|BM734943.1 GI:19056276|MON01\_14\_A05.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:644  
GGAGGGAGGGAGGTCCCTGGGAGCAGTTGCACATGGAGTAGGCACCGGGAAGGCTAGAGAGGAGCAGAG  
CCATGTAAGCAGAGGGCTCAGGACTCCCCAGACAGAGTCTGCTCCCAAGGGGGCTACTGGCCCTTCGCT  
CAGCATTCCTGTTTCCCTTATATCCAAAATAAACTTTCCCTGAGCTTGTCTGAGTCTTGAATCGTTACCAC  
GGAACAGCTTTATTTCTGGTAATCTCAATTCCTGCCTCTTGCCATACGATGCCGTATGATCTGGGCCAC  
AAGGCTCTTTCAGTCTGGCCTGAGTGTGAGCCCCGAGCTCTGTGCCCAGACCTTTGCTGTGCGTCTCTGGA  
GCAACAAAGGAACCCCTTTCTGCAAGTCAGTTTCACTTTGAAAAGTTCCGGGGAGGGTGACATTGCTCAA  
GCCATGGTCATTTGTGTTACGTATATTTTAAATGATCTGTGTGACTATCTTTGCTGTGTTTACTTAAT  
ATTTTTCTTTAAGCCAATTCACTTTAAAAAATATTTTTATTTAAAGAAAAATCTTTATATTGCTTTTGT  
AATGAAAAAATGGATATTCACTATAAATAAAAAGTAACTGTAAAAAGTAAATACATAAAAACAAAATGTT  
TCAACTC  
>GBEQ3238 |Acc|BM734905|Ver|BM734905.1 GI:19056238|MON01\_14\_E02.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:440  
GCACGAGCTCGTGCCGAATTCGGCAGAGTGACAAAGGAAATTTAGTTTATTGATATTTCACTTATTGC  
CTGTTTTTTTTTTTTTTTTTTTGGAGGAAGATTAGCTCTGAGCTAATTGCTGCCAATCCTCCTCTTTTTT  
TCTGAGGAAGACTGGCCCTGAGCTAACATCTTCTCCACTTTATATGTGGGACGCTACCAACAGCATCGC

TTGCCAAGCAGTGCCATGTCTGCAGCCGGGATCTGAACCAGTGAGCCCCAGGCCGCCAAAGCAGAACATG  
CATACTTAACCGCTGCGCCACGGGGCTGGTCCCTTATTGCCTGTTTTTAATTCTCCTGAAAGAGGCTATA  
AAATGAGTAGTCTCTTTTAATAAAAAGAGTGTATCTCCAGAGTGAGATTTGTTTCATTCTCTCTCCAT  
TAGCCTTCTGCCTTGTTCG  
>GBEQ3239 |Acc|BM734891|Ver|BM734891.1 GI:19056224|MONO1\_14\_F05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:641  
ATTCTCAGCTTCGTATGCTGCAGTACCTGTGGACAAACACAGGTGGAGAGGTGTCCAGGGTGGGGCTGGG  
GAAGGATCCTCCTTCTGGACTTGTTCCTGTGCAGACCCCCAAGCCCCCTTAGACCCAAAGCCAGAGGAGCT  
TGCCACTGCCTTTGGGATATAGGGACTGCAGCCTTGTTCCTGTGTTCCTCAGAAATTTGGGTGACTTTTG  
GTTACCTGGGCACACTCCCTTGTGGCCATAATGGGTCCCTTCAGTCAGTGGCATGGACATCTGGATGTC  
CGCACCTCTCTAGAACCTCAGGCCAGCGAGATCAGCAAGGCCCTTTCTCTCTATGTCCAGAAAGTCAGTCA  
AGAGCTGCTTGACCTGAATGTGTACAAAGGATTGGGATAGGGCAGAGGGAAGTCTGGGGTCACATCCTGA  
GCTGGGGCGGCCCTCCTTCCCTCTGCCCTGGAGTGGTCTCTGCATGGGCAGCAACCCACCTGGTGGGCT  
GCCAGGTTTTAGCTGGGATGGTCAATGTGCATGTTTCAGACCTTCTGCTCTCTCTGGAATGGGTAGTGT  
GGATCTCAGCCACCATCAGACTGTGTCCGGCATTCTTTGCAATAAATACTT  
>GBEQ3240 |Acc|BM734871|Ver|BM734871.1 GI:19056204|MONO1\_14\_H07.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:660  
TTGCTGACACGGTGTTCATTTCTTATAAGGTGTAAACATTTCTTAGAGCTGATGCAAAGTACCAGCCTGC  
TTTCCCTCTTCCCTTTTCGGATGGGTTCTTGAGTTTTTGGAGTCATGTGTAATCTGGGCCCCGTTTGCTA  
TTCCCTTGCCAAAACCATGATCCTGTTGAGGTTCCCTCAGTGTTTAGAACACCTACATTTCTATGTGTTTT  
GGCTCAAAGACCAACCCGTTTGCACTGTCTCCTTCACAAGAAGCTCACCAGCGGTGGGCGCGGGGGGA  
GGCGGTGCTGTGGGTTCAGGCCTGCGCAGCTCAGGCGGGGGACCGTGGCTTTATTTAAGGGCTTAGGCT  
GAGCTTACACACTTGGTAGGACACGGCCAGAGCACCCCTTCTCTCAGAATTCAAATAGCCACTGGGTCT  
ATTCTTTATCTCATGCGATCCCATAACTGGTGGTGGTTAGAGGTCAGACAGGCAAGTGAGACGAACACT  
TCCGCTTGTGAATGTTTAGGGAAAGAAATTTCAAAGATTTCAAAGTCAATGTTGAGTATGGGTTACAG  
CTTTATTCTACGCTTTGATTTTAACTTAATCAGTCAACTTCCCCATTAATTAAGTTGACCATAGTTA  
TTCCCAATAAAAAGAAACCAACTGATACC  
>GBEQ3241 |Acc|BM734849|Ver|BM734849.1 GI:19056182|MONO1\_13\_B03.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:8:Stop:515  
GGCGCAAGCAGAGGCACTCACAACCTGCAATATACAACCTAGGTGCTGTAGAGCAACGGGTTTTAAAGGCT  
CTCCTGGGCCAGAAACCTAGAGGATAGAGGAATAGTTCTTCTCCCTACAAGAACCTAACTTCAACAGC  
ATCAACAGCAACACCTGGGAGTTTATCCAAACATTACAAGAGTCGTGACTAATCTCAATTCCAAGATGAG  
AGAGGGATGACGACACCTTCTCAGGGGCGAGTGGTTACAGACGGAACATTCTCCAGTCAGCTCTGTAT  
CGTCTGTTTGACTTAATCCTCAGCCGCTCAGATTGCTTCTCTAGAGAAGGCTTCCCTCAGGGCACTAGAG  
AAACAGAGAAATCCTGGCTCAATTCCTCGCATCCTGTCCTGCTTTATTCCTCCTCAGAGTGCTTCTCAC  
CCCCAACATGTCGCATATCCATTTGCTGACTGTTTATCTCATTGTGCAGGCACACACATGTGCACACAC  
ACTAATAAAAGCTACATG  
>GBEQ3242 |Acc|BM734827|Ver|BM734827.1 GI:19056160|MONO1\_13\_D10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:640  
GCCTGGACTGGTGGGGACAGAATGGTGGGAGAAGCACAGTCTTCAGGGGGAAGGTGGTCACTGCCCCTTGA  
AGACTGGCCCTTTACCAGGTGTCCATTGTGAAAGGGGGATCGCACTCATCGCGGACCCCTGCACCCTCC  
TCAGCATTTGCTGCTCTGAGTCTCTATGTTGTCTACATCTTGTCTCTGCCTGAAAGTGAGGAACGTGTGT  
AATTAAGAGTGCTTCTTTTAAATTGAGCGATTTTCATATATCGAAGTTACTTCTAGTTGTCTTCTCAGTG  
AAACCCAGAATGACTAGGATTTTAAAGAGGAATATTGAATTGTATCCATATCTTAAGAAATTTCCCATGGTC  
TCCCAATTTCTTTAACTTTTCATGTTTCTTTAGCTTCAGAAAATAAAATTTAAATGGGTTTAAAAATA  
AACACAGGGGGCGGCCCTGGGGCCGAGTGGTTAAGTTTCGCATGCTCCACTTCGGCGGGCCAGGGTTTCAC  
TGGTTTCGATCTGGCGCGACATGCGAGCGCTCAGGCCATGCTGAGGTGGCATCCACATGCCAC  
AACCAGAAGGACCCACAACATAAAATGTTCAACTATGTACTGGGGGGCTTTGGGGAGAAAAAAGAAAAA  
TAAATCTTT  
>GBEQ3243 |Acc|BM734822|Ver|BM734822.1 GI:19056155|MONO1\_13\_E01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:54:Stop:632  
CCCATCTCTGTGCTAATAGTTTCTTGACACAGAGCAAGTCATTCTTTCTGGGACTCAGTTTCCC  
CAATGGGGATAGCAACATAGTGTGTTGGTGTGTGAGGGCTCAATTGGATAATGCATATGATATCTTTGT  
GTAAACTGTGAAAGGCTATATGAATATGAGTTGTAATAATTTATGGTTTATATGCACTGATTACAGTATG  
ACACAAAGATATTGGCTGATGCTGTGGTCTCTGATATAAAATGAAGGAAACATGGAATTCAAACACCTT  
TAAATTAATTCATGTGTTTGGCACTGACTATAGCCCGGATTTGAAATTTGCTCCTTGCTATTTATCCCT  
GCTACATTAGCCTGTACCAACTGGTACTTGGTGGTGTTCCTTTAAGGTACTGATTCTTGACCAATAGT

GAGGATGTATTTCCAATGGAATATGATTAATACAGCTCAAGTCAGAGTACCACCCCTTCAGATGGTGTGC  
TGCCAGATCCCAATATGGGCTATTAATATGAATTATATAACTTTACTTTAGGTCTAGACAAAAGAGGAAA  
TAAAGTGAAGTGCATTC

>GBEQ3244 |Acc|BM734802|Ver|BM734802.1 GI:19056135|MONO1\_13\_G04.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:253  
GCACGAGGTTCCATGATGGGAAGTGACATGGTAAGAATGATTGATGTTGGCTGACACTGGAGTGCTTATT  
CACTTCAAGTGATATTTGTTCTCAAGGCATAACACAGCATGAGCCAACCAAGAAGGAAAGCCACAAGCT  
GTTAGACTGAGGAATTGTCTAGGATCAGGTGAAGTGTGTCCAGAAAACCAAGTGAGGAAGATGGCAAAGAG  
GAATGAACAACCTAATTGTTGTTAATAAAGACATTTAAAAATC

>GBEQ3245 |Acc|BM734798|Ver|BM734798.1 GI:19056131|MONO1\_13\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:5:Stop:620  
AGGTTTGGGAAAGGAGGATTATGAAGAGCAGTGTTAATTCACATGTAATAAGCTGGCAGGAACTGGACCC  
TAATTGTAGTGATGTGAAGTAGGTGATGGGAAACGGCTTGTCCATCCACGTGTTAACCTGGCTGTGCT  
GCCCCGTCCGACGTCTCGCGTTTAAAGAGGAACTTACAAACCAGAGGAGCCCTTATCTCAGGCTGTGCA  
GCATAGGGAGTGAAGTAATCAACCTTCAAGAGATTGGTAAAATGTACCTAACTTGAAATACTGAAAAA  
AGATTAGTGTTCTCAACCTGTGAAATCTGTTCTCCTACCTTCTCAAATGTAATCCTAAGAATTTGGCTTG  
TAAACAAAGCACTTCTGGGCCAGGAAAACCTTCAATATAGCAAGGCTTCACATTATACTGCAGGTTCCA  
TCATTTTTAAAGGACAGAGACATAAATGATAGATAATGGTATATACAATATTACAATCTACCACCTCAA  
AGCATTTGTTTATGGAGTTTGGAGATTCAAGTATTGATTGCAGTTTATTTTGAAAAGAATGCTACAACCT  
ATGTGGTTTTTTCTTTCTCATGTTTATATTTAAAGAAAAGCTAATAAACTCTATTTT

>GBEQ3246 |Acc|BM734786|Ver|BM734786.1 GI:19056119|MONO1\_13\_H09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:180  
CAATCACTCTAGGTGTTAGATATTGTCATCCCATTTTAGAGAAGAGAAAATGGCAGCTCAGATGGGTGAA  
GCCACTTGCCCAAGGCTGCATATGCCAGTCTGTATATGGCAGAGCCAGATATTTGAATAAAGGTTCCAT  
TTGACCTC

>GBEQ3247 |Acc|BM734774|Ver|BM734774.1 GI:19056107|MONO1\_12\_A09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:591  
TCTGGCATATGATGGAGCATGTGACCAGGTAGTTCAAGCCAGGCCAGCTCCTGCGGCCGAGCAGCT  
TTTGACATGCCGAAGACTGTCCCCTCCTCTCCCGTCATTCTGCTCAGCCTCCTGCCTCGGCCCCCATGT  
CGGTGACGGAGGGGGTCAACAGTTGCTGCCCTGGCACCAAGCCCCAGATGGCTCAGCCAGGTTGGAGAGT  
CCACCTGCTGGGCTGCTTCTGGCTGCCCTCTGCTCCTCCGCTGACTGACCGGGGCTCGGGGCGGGGC  
GGGGCTGGCCCAGGGCCAGACAGACAGGGCTCCCGTGCCCGCTGGCCCTTTCCCCCGGTTGTCTTTGC  
TCCAGAACGAGAGGCCAGGGTGCTGGGGTTCAGCGCCCTGTAAGCTAAGACTGAGGTGCGGGTGGGAGG  
AGGGCAGGGCCCCCTCCAGCCCCACTGCCCGAGGCTCACGGTACAGAGGCCCGTCTGCTCATGGTGCAGA  
GGGTCTCTCTGTTTGGACGGTTGTGGATGGTGTGAATGTTTTCTATCTGTATAAACCTTCTATGTT  
GACACTTAAATTAATATCACACTG

>GBEQ3248 |Acc|BM734767|Ver|BM734767.1 GI:19056100|MONO1\_12\_B06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:324  
GCACGAGTCCCCAGGTCCCAGCTAGGTCCCAGATCCCAAAAAGGGGTGGGGTGGGGGCGG  
GGGCAACACCCCTCGTTTTTTGGCCCTTTGGGGACTGCCGCGACCTGGGTTAACGCAGACTGCCGTGACACA  
GTGCATGACATGTGGGCTTTTCAGCCAGGCTGCAGCTAAAAGGCACTACACTGAGCCGAGTGTCCCCAC  
GATGGTGGAGGGGAGCACAGCTGCATTATTCAGTGTGAGTGTGGGGTGGGGGAGGGGAAAGTCAATG  
CCTCATTTTCATTCCTTCAAAAATTAATCCTAGATGTTGGCTGG

>GBEQ3249 |Acc|BM734738|Ver|BM734738.1 GI:19056071|MONO1\_12\_D10.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:49:Stop:619  
CAGGCTCCTGCTTTCTGTCAAAAGCCTTTGTGTGCGTGGCCCTCGGTGGTCCCAGGACCAGACTCCCAG  
CACTGTCCCCCGTGGAGCACTGGGAGGTGTGGCTGGGCTCCCCGCGGCCGCACTGAAGGGACCAAGGC  
AGCCGCGCCCTGCTCCCTGTCAGCGCTCCTCGGTGGCCCTCGCCGGGGCAGCCCTCCCTCCCGGACACA  
GTGACTCCGAGTGCTCTGGGGTCTGGGGTCCCGTCACCAACACCGACCAAGTGAATTACCGTGACCT  
CTGCTCCATCCTCCAGAGCCACTGGGGTCCAGCTCGGAGCCCCGGGAGATGGACCTGCAGGACATC  
CAGAAAGTGTCAAACGAATGTAGCTCCTTTAAATGCAAAACACAGCCGAAGGCCATAACCACTGTGT  
CCCCAGGCTCGCCGCTGTTCCCGTAGCCCGGACAGTCCGGGAAGGTGGCCAGGACCCCGGGGGCAG  
GGAGGGCCCCGTCCCCGCGCTCCTGTGCCATGGGTGCCCCACATGAACCTCAGAATAAATGTGCCATG  
TTCATACCTC

>GBEQ3250 |Acc|BM734727|Ver|BM734727.1 GI:19056060|MONO1\_12\_F05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:647  
TGAACCTTTTAAAGAGAAGTACTGAAGGGAAGGTGTGGGAAGAAGTTTTTTTCGTTAAGGGATAGTACC

1119



TGTTATATGTAAAATTCATTTTATTTGTAAAAAAGAATTTATTGGGTTGAAAATGAGCTTGATCTTTTG  
TGGCTGGCTATACAAGTCCCCCTTTTAAATGGAGTAGCATTCGTTTCAGGCGGGGGTCTGACCATGAG  
TGCTTGCTTTTCTCTGGAGCACATGCATTTACCCCTCGCTGTAGGTCACCTGTCACCTTACAAGGCTCCCC  
TCTTTCTTGCACTCTGCAGACACTCCCAACCTCCACATGTAAATGCACACACAGGAGGACAAATGGC  
TCCTCAGGAACCAATCAGCCACCTACCAATTCTGCTTTTGTGTTTACCAGCTGCCGCTTTTAAGTTCTG  
TTTAATGAAAGAATTTGCTTTTCTGTGAACACATGCAATGTCTACCTCTTACATGTACAGCCAAAGA  
AAGCTCAGTAAGTGGTAATCAAGGAAGAAAGCAGCTCTCAAACGAATCACTGTAATTGAGGATATCAGGG  
TAAACAATGCCAGCCTCACAATTGATAAATTTACCCATTGTTCTGCCCTATTGTAGGTCTAAGGCGCTCA  
CTCAATTTTATTTTAATAACAGTTCTCTAATTAAGAAAGTAATATGCTTATGGAAAAA  
>GBEQ3258 |Acc|BM734583|Ver|BM734583.1 GI:19055916|MONO1\_10\_D11.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:30:Stop:647  
TTTATCATGCACAAAATAACCAAGAACATCCTCTTTTGGCAGATTTGCCTCACCTAAAATTGAAAGG  
TTCTGTTTCTGCACAGGATTTTGTAAATATGAGCTATAAGCCTCAGATTTGCTCTAGTGCCCAAAATTTAG  
AGACTTTTCTATATATTTCTGTTTTCTGAACCTCTATTACCCCTAAATATAAATACAGAAATAACTA  
GACAACGTCAATCAGCAGATTAGCAACCCTATTAATCCTTTGATCTAAAATGGGATTATGTCCCATTTA  
GTTCTTCCTTACTCTTAGTTTTATTTATAGCATTTATCTTTGCTGTATTATTTATTATTTTGTAAATGG  
TTTTTTAATGTTGTTCACTATTTAATGAGGCTGATACCATTACAAAGCAGGTGATCAGTTATTTTGTGTT  
TCTAAGGAAATGCATTTATTTGTTCTTATCATGAAGGATCAGTAGGTGTCTCTGTGCCGTTTATAATA  
AAAATCTAGAAGAAAGTATTGAACAACAAGGANAATATATATTTGCATTTCTAGCATTATGTATCACATA  
GATGTGTCAGTAACCTTATGTAAAATCACAATATACAATAAATAAACATGTTTCACAC  
>GBEQ3259 |Acc|BM734568|Ver|BM734568.1 GI:19055901|MONO1\_10\_C05.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:49:Stop:373  
CGTGAGGCCCCACCCCTACCCCGTTCCAGCTCCCCCAGCCCTGGACCCAGGATGGGGGGCTTTGTCA  
CCTGAGCAGTGAATTAATGTTGGCATCTGCTCCAAACACTTTGGAGGAGAGCCACGATTTGATGAGGAATC  
GTCCATCATGCAGCAGATTATGTTGGCTGATCCCATCCGTGACTGCGTGATGTTTACTGCACCTGGTGTG  
TACCAGGCTCTGGCCTGGACATTGGGGCACAGCGATGAACAACAGACAAGGACTTACCCTGGTGGAGTT  
GACCTCTGGGGAGAGAGACAATAAACAGAAATAAATGCACATGG  
>GBEQ3260 |Acc|BM734533|Ver|BM734533.1 GI:19055866|MONO1\_9\_G09.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:482  
GCACGAGCTCGTGCCGTGTGCTGAGAGGCCCTTGGGGCAGGCACAGCCCTGGAATCCTGAGCTGCCATG  
GGCTACCCCAAGACGCTCCAGAGAAGACAATGAACGTTGGAAGATCCGATTTACAGCACTTTAGACCGGT  
GGCTTGATGATATCGAATGTTCAATCCCAAGGAGAGGAACAGGTGTGTGTCAGTGTGCTCCACGCCCTGCTC  
CCGTAACTCGGGGGTGGGTGGTGCAGATGACGATGAGGAGGAAGAACGTGCCACCTCAGGTCGATTTA  
GGCCCTTTGACGTCCCCCTTTTCACAGAGAACCCTTCAGAAGTGACCTTTGCCACCTGCCTACCTTGACC  
TGCTCTTGACCACTCCCTCACCTCCTTGCTGTGTCACAGCCTGGCCACCCTGCCACCATGCACCTTCTG  
CTCAGGTTTCTTCTGTCAGTCTGACTTGTGCTCCAGCGCATATGTCTTAATAAAGTTGTG  
>GBEQ3261 |Acc|BM734531|Ver|BM734531.1 GI:19055864|MONO1\_9\_G06.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:6:Stop:571  
ATCAGAGTCACCAAGGAACCTTATGCAGATGCCATGTCTCTACTCCGAATCTCTACTTGGGAGTGGAGC  
CAGGTGTCTGCAATTTGAACAGGGTGAGGGGGTGGGTTGCTGCTGGACAAGGGAGCTGAGCCAGCAGCTC  
CGGACTCTGTCTGTGGCTTTTGTGTGTCTCTCCATGTTCTCCCTCCAGGGGGCCACCCTTCATGTT  
CTCTACAGAGCTAAGATGATGGCCTTGCTTGAGAGAGGTCCATCCCCCGTGGTTGGGGTCACTTAGCAGC  
GACTTCTTGAGTGCATCCAGCCACAGTGGCCCCACAGAGCTGTCCAGAGCCGAGGCTGTGGGCTGCAG  
TCCCAGTGAGCAGGGACGTTGCCCGCTGTTGGTCTATGACAAACCAACGAGTCCGAGGGGCACAGCCAGGTG  
TCTTCCACCAGCCCATGAGCTGAGAATGCTAAGTCACCAGACAACCAGAAATTGAGTCTCTGTGAGGATC  
CTTTGAAGTGTAAGGAGAGAGAACTTACACTTTGAAAGGTTTGGAGCCTCATCCAGGACAATAAAAT  
AACTGT  
>GBEQ3262 |Acc|BM734505|Ver|BM734505.1 GI:19055838|MONO1\_9\_E01.g1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:580  
ACACTTCTTTTCTTTGCTTACCCTCAAAGTTCTTTCAATACACTGTGCTTCTTTCTACTTCAGGATGTT  
CAGAAACCAACCTGGTCAAATTTTTTATCCTCTCAGTCTCAATTTATGTCTCCTTCTCAGGAAATCCT  
CCCTTATGTTTCTCAGGCTAGGAGAAGTCTCCTGGTGTAAATTTGTATAGGATCTTTGTTTGTGCTGA  
GGAAGATTATCCCCGAGCTAACATCTGTACTAATTTTCTCTATTTTGTATGTGGAACACCAATACAGGG  
TGCTTGATGAGCAGTGTGTAAGTCCACACTGGGATCCAATGCCACGATCCCTGGGCCGTGAAGTGGG  
GCACGGGAACCTAATCACTACCCACAGTGCCAGCCCTAGATCTTGTGTTTTTCTTTTCTACCCTTACA  
ACAACGTAAATTAACATTTGTCTATTTTACCAGATCAAGTTTCAAGAGTAGGAGTATCCTGTCTGCTCCT  
TTTAAACCACTTTATCCAAGTTACTAGTGCAGGATCGGCCTCACGATATACTCTAAACAATACAATCGC

CCGAATAAAATAATAAAC  
>GBEQ3263 |Acc|BM734502|Ver|BM734502.1 GI:19055835|MON01\_9\_D10.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:20:Stop:672  
CTGATACCCAGAGCCGCTTAGGACTTTTCATGAGCTGGAGGCACTTCTACCTTTGTGGGTCCCTTATTCTA  
TAAAAAGTAGTAAAAATTATACTTTGCAACTGTATTGATATAAACATGAATGTAAGTGGGCTGTATTAT  
ATTCCTTTTTTTAGTGTAAAAGAACTATTTTGTGGACTTCTAAAAGCTCATGGGCCCTAGCCACTGTG  
CCTACTGTGCCTGCTGGCTAGGTGGGCCCTGCCATTACGTGGATACTGTGCCTTTAGCTGTAACACCGAG  
CCTGTATCCTTTAATCTCCTCGGCCCTCTAGAGGGTCAAAGTATTTATTTACTAATTGATTTTCATTCAGGC  
ATGCTCATCTGAGAAATGTAGGAGGAAATGGGACCCAGCTCTCTTGGTGACTGACAGCCTCCCCCTTTCA  
CTATCTTTTCTCACCTTCCCACTCCCCCTTCAAAGTGGAGCCAGGATCTCTTTACGTTTAGAAATCCATTC  
ATATTGTTTTAACTCTCTTCCAGGTCTCCACATGGCAAAGACCATGCCTGTAAGTGAATTTAAATGCCTT  
GCTTGAGAACAGCTTTCAAACCTTTCTGATCCAGCCTACACTAAGAAAAACAACATACAGTGAATTAAG  
CCTGTTAAAAAATAATAAAC  
>GBEQ3264 |Acc|BM734482|Ver|BM734482.1 GI:19055800|MON01\_9\_A07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:33:Stop:642  
TTTATACAAATAATACATTTTCCAATTACTGAAAATTTTGGAACTATGGATGAGCAAAGTGAAATTTCTT  
GTGGTGTTTCAATTTGAGCCTACAGAATGACAAAGAGCAAATGTGTCAAAACCTGATTCAAATAAACTCTT  
CAGAGTGAATACCCGGGGCCAGGACAGACTTAGCAAACCTTCTATGCTCTCAGTGCTTCCAGAGAACAT  
CAGGGCCCTGAGACACTGCCAGATTCTCACGTGCCTTTGGGATCGTCAGAGAAGGGTTCAACAACACGAG  
GTCTTGATCTGGACTTCAAGATGTATCTAATCCATTGACGAATCAATGGTGCTGTGCTGTCATGGCTAC  
TCGGTGAACAAAAGGCCCCATTTCCAGTTATTCTGCATAAGAGAGAGTTGACATACCGCTGTAAGAAG  
GGAAAGAGGGTGATTGTGTCAGACACATAGTTAAGGGTTGCCCCAGAATAAATCTCTGGATTAACTCTC  
CCGGGAAAGTGGCAGGGTGCCGTTTCGGTACCAAGAGGCGAATGTAATTTGCATGTTGAGCACTGTAATC  
AACAAACAATGACTCTTGACTCTACAAATTAAACCATCCTGTTTTCTCTT  
>GBEQ3265 |Acc|BM734436|Ver|BM734436.1 GI:19055769|MON01\_1\_B03.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:248  
GCACGAGCTAGCTCCACCATCAACACCCAAAGCTGAAATTTCTACTTAACTATTCTTCTTCCCC  
TAAACGACAACAATTTACCTCATGTGCTATGTGATGATCAGATTATACCCCCACATAACACCATACCCA  
CCTGACATGCAATATCTTATGAATGGCCTATGTACGAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAA  
>GBEQ3266 |Acc|BI961921|Ver|BI961921.1 GI:16320124|MON01\_8\_D11.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:103:Stop:677  
AGGGTTGATGGTTCTTGTTCACGAGGGCCCCAGAACACGTTACCTGCCAGCATCTCCCTCGGTGGCCT  
GGCGTGGGCATAGGTGTGTCCCTGTCAGGCCCCGGTGCTGGTGGCAGGCGAGATGCTCTGAGAAAGGGCT  
GTGAGTATCTTCTCTCTTCTGTCAGAGGAAATCTGGGTGCATTTACTCAGTGCTGGCAGCTGCCCCGG  
CTGGTCCGTGGAGCTCTGAATGCAAAATTAACACCTGACGCTCGGTTTAGGTGAGGTCTCAATTCCTTTC  
TATGGGAAGGTAGCTCGGGACCTGGGAAAGATTGGGGCCATCAATAAATCAGTACTTAGGAATACTGTGA  
TTAAATGCAGCCCCCTGGTGCCATGTTCCACCTCAGATCCACGCTCTCTTCTTGTGACGACAGACAAC  
ATGGTTTCTCTTGCCAGTGGTGGGAGAGCGCCAGGCTCAGGTGGGCGGCTGCAGCCTTACCTGCTGTCTG  
GGACTTGGTTTGTAAATGAGGTTTACATTTTACATTTTACCCTAATAGTTTGTGAAATGACTTCCCGGT  
GCTTTATTAATACTA  
>GBEQ3267 |Acc|BI961812|Ver|BI961812.1 GI:16320015|MON01\_4\_H07.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:3:Stop:317  
CCCCCCCCCGCCTTGTCCCCAGGACACAGCCCTCACCCCTCCCAGGGGTGGGGGCTCCAGCCTTTG  
CCGCAAGTGCCCTCGGTGCCCGCTGGGTGGGCCCCACCGCAAGGAGGACTCAGGACAGCCCTCCACCCAC  
AGAGCTTTTCTCTTGGACCCACCTTGGGCTTGGGGGGCCCTCAGCCGACTCCCACCTCTCTGGCAGGGT  
CCCAGGGGAGCCGCGGAAGGAAAGAGCTTGGCCGCTCCTACAGGACGTTTATTTTCTCTTGGCAANCG  
TATTTTTTTGTAAAGCTGGTAAATAAATTTATTTGG  
>GBEQ3268 |Acc|BI961802|Ver|BI961802.1 GI:16320005|MON01\_4\_G06.g1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:249:Stop:626  
ACCCCTCCTTTACCACTGTCCCGTCCACTCAGGTCCCTAGTCATGCCTATGCAAAACAAGCTGACAGTG  
CTGCCTGGAGGCTTAAGGGCTTCAGTCTCGAACTCTATGTTTGGAGTAATGCGAGCAGACTGAAAGGGCA  
AGCAATAACATTACCCTACCAGATAGCCATAGCGTCCTTTTTTTCAGCCCCAGTTCCACTCCACCCATTC  
CTGTGGCCAGTGGTCAAATGGAAAATAAATACTGGAGGATGAGGAAATCAAAGGATCAGGGAAGTAGAG  
CATCATGTGAATTCACCAGCAGGATGTACAAATGCTTGTATTACATTGTTTTTATGGAGTTAGGGGAA  
TAAACTGATGGTCTATTTTAAATATGT  
>GBEQ3269 |Acc|BI961783|Ver|BI961783.1 GI:16319986|MON01\_4\_E08.g1\_A005 Monocytes (MON01)



[illegible]

>GBEQ3276 |Acc|BI961234|Ver|BI961234.1 GI:16319437|MONO1\_7\_G04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:374  
GCACGAGCAGCAGCAGCAGGCGTGGGGAAGATCCGGAGCCAGAACCATGGAAGAACCAGCCTCTCCA  
CCCACCCCTGCACCTCATTCCCTGAGACTCTGGTGCCTGGCTCTCCATCATCTGAGACGAGAAATCACCT  
CAGAACAGCACAGATTAACACGCAGGGTCCCCAACACTGCCATCAGCAGGGACACCACACCCAAGGAG  
GTGGGCCAAGACCTGGGCTGACAACCATTTCTGACGCCACAACCCCTCCTCACTCTCTGCCAACCCCTAG  
TTCCCTCTGCTCAGCAAGCTTGTCCAGCCCTAGGGCGGCGGCTCCTGTAAGAATAAAAGGTAGTAAG  
TAGACCAAAAAAAAAAAAAAAAAAAAA  
>GBEQ3277 |Acc|BI961226|Ver|BI961226.1 GI:16319429|MONO1\_7\_F08.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:423  
GCACGAGCATGGGGCTCGCCTCATCTGCTGATTCTTAATAGAAATCATCTTAGCTTTTCGAGTGAAATTA  
GTCTGACAGAAGGTTTGTACTAAATGGGAGGCAGGGGGCTCAGGTTCTCCTTGGATGCCTCAGCATTTCTG  
GGTTTGTATGGACAAGGATCACACTGTCTATGGCCGATCAAGTGTCTGTATGTGAACATTGTATGGAAGG  
ACAATGGAAAGAACAAGGCATAGACAATAAGGAAACCACATTTCTCACAGGAAATAGTCTGAATCAAGAA  
AAAATTGAACCCAGGCATTTATATTTAAAAATGAATAAATATTAATCTGGGTAAACATCCTTCCCCA  
GCATATGTTCTGTCATCTTGACAGGAGATTAGAATCATGAAATAAACAAACATACACATGCTGGCAG  
CCT  
>GBEQ3278 |Acc|BI961214|Ver|BI961214.1 GI:16319417|MONO1\_7\_E03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:450  
GCACGAGGGAAGAGGGTCTCCTTCCACCCCAAGGAATTTTTTTTAAATCAGAAGACCTTGAAAAGGGGGAT  
ATAACTTTGAACAATTTAATTTCTTGGCCGTGTTTAGTAACAGTTCTTATGCATGGTTTTTAACTGATAA  
ATTTGCTTTCTTCCCTCTCCACCTGATTCTGCCTCTTAAATGAATATTTTACTGGGGTTGAACTCAA  
TGCCTTATGTGCTCACTCACTTCCCTCTGCGAGCTTGTCTTCTCACTATCTGTATGTGTTTCAGATTG  
TGTCAAATGCTGGCAAACCTCTAAGACTGTCAAGAAAGGCTTGAAAGTTGATTTGCTAGTGCAAATT  
CAAGATAAATGCTTAATGTTTTTGGCTATGTAGTACATAGGAACAGAAAATAACTTAAATAAAGTCAT  
TTTTGTAAATTAATAAAAAAAAAAAAAAAAAAAAA  
>GBEQ3279 |Acc|BI961190|Ver|BI961190.1 GI:16319393|MONO1\_7\_B10.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:368  
GCACGAGCCTCACTGGCCTCCAGCGAGAACCAACACTGAGTCGCCCTCCACCTCGGGCCGGAACCTGG  
CACTTTCTGTCGGCAGCTGCAGCTTCTGGCTGCTTTTTTGGAGGTTCTTGGCTGGACCCATGGGCTTCGA  
GGGAGGTGCCTTCCAGGGGCCAGCCGTCGATGCCATCTGTCAGCCACCTCCTCGGCCTTCCCATCTGTGCATCC  
ACCAAGGGAGGTGGGGTCCAGCGAGGGCCGCTGGCCTTGGAGGGTGGGGGCATGGGTCACCCACATCTGT  
GCTTGGTCACCGCCTCCTTGTCTGTGTTCTGTCGTGGTCACATTAAATCCATCAGTTAAACATGAAA  
AAAAAAAAAAAAAAAAAAAA  
>GBEQ3280 |Acc|BI961085|Ver|BI961085.1 GI:16319288|MONO1\_5\_H04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:616  
GCACGAGGAGTGTCTTCCAAGGAGATACGTCCAAGGCTGGCTCCCTCCAGCCCGCTCAGCAGACTGT  
TGTACAGTGCACACACTCAGACCACATAAGCCCTGCAGCCAGCAGAGCAAGTCCTTCCCTTAGACTAG  
TGCTGTGTGTAGGACCTGCTGCTCCAGCTCCGCTGCAGCCACCTCCTCGGCCTTCCCATCTGTGCATCC  
CCAGGCAGCAAGACAGACATAAAGGGTTAGTAGGTTTCCAAAGAGACAGAAAGTGAAATTCCTAACA  
AGAGAAATTCCTATGCATCGGTGGTAGGTCTAAACAAGCAGCTTTCAGATTTGGAATCAGTTGAGAAGA  
GAAATAGTGGGGCGGGCAGCTCTTGGAGAAAGCCACGTTCTCCTAGGGCCCTGCATCTACTGAGCTTT  
ACCTGTTGCTAACCATCTCTAGTCTTGTCTTGGCATGATTCTTTTGTAAATAGAAGTTTATTTTTTGT  
GCACCTCAGCTGATCATGTGAATGAGAGTCTGATCATTTGGAAGAGCCGTGCTAGTTTACAGATGGGCTC  
CTTAAATTAATACTGGGTGGTTATGATTGGGCTGATCTGACCTCTGATACCACAGT  
>GBEQ3281 |Acc|BI961011|Ver|BI961011.1 GI:16319214|MONO1\_5\_A04.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:287  
GCACGAGCAAAATCCCACAACCAGCTACTGCTCTCGCCTGGATGGCTGCCAAATGAATGCTCTTGG  
TTCCAAGTACAGTTCATGAAACAGGGTACATGGGGCAGGAAATGAACATCATCACCAAAAAGTCCCAA  
TATGTAATACCACTAGTAAAAAGTGTATATTCGTAAAGTCGACACATTACTACTCTTTTATCCAAAAGC  
TGTATCTTTCTTAGAAGCTGATTGACTAGATTGGTACATACTTGAATCATCTTTTTTAAAAA  
AAAAAA  
>GBEQ3282 |Acc|BI960987|Ver|BI960987.1 GI:16319190|MONO1\_3\_F03.b1\_A005 Monocytes (MONO1)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:444  
TTCGGCACGAGCTCGTGGCGTTCGCGTGCACCCAGGAGGACTCGGAGTCCCCGCCCTGACTCCCATT  
TCTTCTGGTCCGCTGGTGCACCCACAGGAAGGGGCAATTCAGGAGAGTGTGGGCCCCGGAGGCCATGT  
CCTGCCGCTCCCCATTTGGGGCAGCCTGGGTTTTCTCGGGCGGCTCCCCAGGTCTCAGCCTGTGAGGAC

TGCGGGAGTCTGGAGACCCAGGGCTGCCCCCTTCTTCGGGACTGTGTGGACCCACGAGGGCCATCTGC  
TGACAGAGCAACCCCCCTCTGCCCCCTCTTGCCCTTCCCCCGCAGCCACGTTTCGGGGGTGGGCTCTGTCT  
GGTTCACAGAGACCCCACTGCCCGGCCATCCTCCGATGCAGCGCAGACCCCAATAAATATTGATGG  
TTGACTGAAAAAAAAAAAAAAAAA  
>GBEQ3283 |Acc|BI960986|Ver|BI960986.1 GI:16319189|MON01\_3\_F02.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:463  
GCACGAGTTTCGTACTTTTGTCACTTGACCTCCGTCCTGTGGTTTTACAAATGGAATATCCACCTTTGTG  
ATGGGAGTCATGGAATCTTCGTTCCCGTCCCCACAGGCCTCAAATCCTCCCGAGTTGCCTCCTGTCTGT  
TCCCCCAAGCACACGCACATCTGAAATCCGCTGTCCAGTCCAGTGTCTTCGGAGGGGCAATGTGCACCG  
GATCACCTGGAGATCTGGTTGACGTGGAGATTCTGGTTTACGAGGTCTGGGGCGGGCCTGGGAGTCTGC  
ATTTCTGAGATGCCACAGGTGATGTTGCTGCTGCTGGACCACTTAGCTTAGCGAGATTATAGACCAG  
TGAGTGGATCTCCACCCTGTCTGCACATTAGCATCACCCGGGAGTTTTCTCAAATACCTTTTTAAAAAT  
AAAGTATTTGGAAAGCTCCCGCATGATGCTAATGTGCAGCCG  
>GBEQ3284 |Acc|BI960983|Ver|BI960983.1 GI:16319186|MON01\_3\_E11.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:414  
GCACGAGTTGTGATACACATAAACTCTAGTGAAAAGCTCTGAGAAATATAGTATTTGTTCTTATCAGTCA  
TGGGCCATCCGAGGGTAGCAAGATAGTCATTCTACTTTTAGCACGTGTCCATGGGCTACAATTGGTTGG  
CTTGACCAAGGTCTGCATGTGGAATGTCCGTGATCTCTTAACACAGAGCTAGCCTAAAGGGGGTACTG  
ATAGACAGGGCCAAGACTAGCACAAGGAAGTGATGGCACTTAGGGTGCAAAATTTAAGGATGCCCTCA  
TTTTGAAGTCGTGCACTCATTTGAGTGTGAGTGTCTTCTTAAATTTCTTGCCTCACTCTAGTGTGCCCCA  
GGTGACAGAAACCCCGGCATCTACAGATTGAGAAATTTTAAATTTCTAAAAA  
>GBEQ3285 |Acc|BI960928|Ver|BI960928.1 GI:16319131|MON01\_2\_F09.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:488  
GCACGAGTCAGAAATATGCAGAAATGATATGTGATACTGTGTTCTGCAAAAGCTCCACAGGTACTTCTGTTA  
CACTGTGCTCATAGTTGCGTTCTGCAGGGATCGCAGTTAGGGAGTATGGCAGTGGTCCAGGCAAGAGATG  
ACGACCCAAAGCTAAAGCAGTCTATGGGAAGACGATGAGGAGACGGATTTAGAGGCCTAAGAGGTAGAAT  
TGGCTTAACGAGCTGTAGCCATGGGGAAGAACTCAAAGTCAAGATTACAGAGTTGAGTGTTTA  
TTTAACAAGTGATGGTCTACGCCAAGACAGGACTCCGGGAAGAGGAGTGGGTTTGGGAGTTAGAGTAATG  
AATTCATTTTGAACCTTGGGTTTGGGGTCTGTAGGTCTAATTAACATCAACAAGAGGAAGGTTGC  
TTGTGGGGGTGCTCTTTTGCAGTCAATACCAGTTTTCAGCAGGTGATTGTCCTTTCTCCTAGGCTA  
>GBEQ3286 |Acc|BI960921|Ver|BI960921.1 GI:16319124|MON01\_2\_F02.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:118  
GCACGAGAAATTTTCAAGTTCTCTGCTTTTAAATCATACCAAAATTATTTTCCATGAAAAGGAATAA  
ATGTTGGTTGTTTCTTCTCTCAGAGAACTGTTATCTGTTCCGCTT  
>GBEQ3287 |Acc|BI960915|Ver|BI960915.1 GI:16319118|MON01\_2\_E03.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:460  
GCACGAGGGTGGGTGCTTAGCCAAGTCGGGGTCACAGAGAAGGACATGAGAAATTTGTGATTAGCCGGTAG  
TGACAGTTTGTCTGTCAGGTCCCCCACAACGTGTAGGCTGGGCCTCCTCTTAGGCATGGGATCCCCAGAG  
TGGACCTGCCAGCTACCCAGGCCAGTTTGTGCACCATGGAGAGCGTTGCTGGCAGCCATAGAGACCAG  
AGGGAGTGGGTCACAGCCCATGACCCAGCCGAATGGGGCATTCAGACAGCTGACCCGGCAGTTTTGCC  
TGCACATGGCTCAGACCTTGGGTGAGTAACGCTTGTGTTGTGTATCTCAAAGATTATTTTATCTCCTG  
GTATTTGTGTTTGTGAGGATGTTGGAATGGGGGGTCTGGAGTCTTGTATGAATAAAGATTCTTTCTCT  
CCTATTTTCCCATTTATTAATAAACACGCTGCCGGGC  
>GBEQ3288 |Acc|BI960893|Ver|BI960893.1 GI:16319096|MON01\_2\_B07.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:581  
GCACGAGCTCGTGCCGCTCGTGCCGGACACTGAAGTGCCAGTCTCCTAGCTGATTTCAATTATGCAATTC  
AGTGTCTCGACTGTAGTACCCAGCCAGACATTAGAACCTCCGACGTTTTTCATCTGAGAGCTGAAAGT  
TTGTCTCCTTTCAGCTCTCTCTATTTCCCCCAGCCGCTGGCCACCCTTTTCTATTTCTC  
TGTTTCCATGAGTTGACCTTTCTTTATAGTTTTCCGAGTTCACGTGTAAGTGAGCCAGGCAGTATCTG  
TGCTTCTCTGTCTGGCTCGTTTCAATTGAGCATAACGCCGCCAGGTTTCATCCATGTTGCGCAAATCTCAG  
CTCCATTTGTCCACATAACAAGCTTTGGTTTCGTCAATCTGCAAGTCCACTTTACTTTGCACTTATTT  
GGTTTTGAATACGAACGTTGTTATGTTTCCACCAACCTTTGCCATCTTCACTCCGAACGACTACCCCC  
AAATTGAACTAATCATTTATTTATTTAACGTAAGCATACTAAAAGTTTAAGTAATTAACCTCCCAATGA  
TGAAAAAAAAAAAAAAAAA  
>GBEQ3289 |Acc|BI960857|Ver|BI960857.1 GI:16319060|MON01\_1\_G05.b1\_A005 Monocytes (MON01)  
Equus caballus cDNA, mRNA sequence.:Start:1:Stop:553  
GCACGAGGATTTCTAGTCTCTACCAATCGCCAATGACAGTGACATTATCTAAGCTTTCAGCAGCCCTCTG

AAGCTCAGTGGTTCTTTGCTGCCTCCCTCACTATCCTGGAACACAAGGCTCATTGATAAGCCCAGTTAAT  
GACTCAGATTCCTGTGCATCAGGTAGACATTCCCTTCAAAATCCATGAGGTCCTTGGTTTCAGGAGTGGA  
ACATACAGTAGCTACATTAGCCAATCAAAGCAGTCCAGTCTCCTGGAACAATGATTGGTTTCAGTGGTGGT  
CGTGTGACCTAACCTGCTTGAATGCTGAGACAAAGGCTCTTTCCTTTGCTCTGGATGATGTGATATGCA  
GAAGAGAAGCCTGGAATCTCTGTGGCCATTTGTGCTCATGAAATAGCCAACACGTGGAAGAAAGGAGAGC  
TCAGGGAATCAAAGAGCACTGGAGTTGGGTCCTATGACATGATGAGTTTCCGCACAGTGCAGCTAAGTGA  
ACCAAATAAACTTCCTCATTCTTTAAGCAGTCTGAGTCAGATTTTTTTTCTTTCTTGAACCCC

# TABLE 35

name database description

GBCA0001 GenBank Acc|AJ388541|Ver|AJ388541.1 GI:5441584|Canis familiaris 28S rRNA gene, clone BC50.

GBCA0002 GenBank Acc|AF394784|Ver|AF394784.1 GI:32400686|Canis familiaris desmoglein 3 (DSG3) mRNA, complete cds.

GBCA0003 GenBank Acc|AY164732|Ver|AY164732.1 GI:32331264|Canis familiaris RTN1-C (RTN1) mRNA, complete cds.

GBCA0004 GenBank Acc|AY296484|Ver|AY296484.1 GI:31580770|Canis familiaris tyrosine kinase receptor c-KIT mRNA, complete cds.

GBCA0005 GenBank Acc|AB112349|Ver|AB112349.1 GI:31745046|Canis familiaris irsp53s mRNA for insulin receptor substrate p53 short form, partial cds.

GBCA0006 GenBank Acc|AY102170|Ver|AY102170.1 GI:31321926|Canis familiaris polycystin 1 (PKD1) mRNA, complete cds.

GBCA0007 GenBank Acc|AB110699|Ver|AB110699.1 GI:31076448|Canis familiaris RECK mRNA for reversion-inducing-cysteine-rich protein with Kasal motifs, complete cds.

GBCA0008 GenBank Acc|AY191818|Ver|AY191818.1 GI:30267429|Canis familiaris Ly49 (Ly49) mRNA, complete cds.

GBCA0009 GenBank Acc|AJ560716|Ver|AJ560716.1 GI:30519781|Canis familiaris mRNA for putative secreted frizzled related protein 2 (sfrp2 gene).

GBCA0010 GenBank Acc|AY240952|Ver|AY240952.1 GI:30421061|Canis familiaris microphthalmia-associated transcription factor (MITF) mRNA, complete cds.

GBCA0011 GenBank Acc|AF454670|Ver|AF454670.1 GI:20086765|Canis familiaris pregnane X receptor (PXR) mRNA, partial cds.

GBCA0012 GenBank Acc|AF160250|Ver|AF160250.1 GI:5360187|Canis familiaris thyrotropin alpha subunit mRNA, complete cds.

GBCA0013 GenBank Acc|AY266681|Ver|AY266681.1 GI:30385607|Canis familiaris heart myotrophin mRNA, complete cds.

GBCA0014 GenBank Acc|AY156692|Ver|AY156692.1 GI:27497537|Canis familiaris cathepsin S preproprotein (CTSS) mRNA, complete cds.

GBCA0015 GenBank Acc|AY264844|Ver|AY264844.1 GI:30267902|Canis familiaris trefoil factor 3 mRNA, complete cds.

GBCA0016 GenBank Acc|AY264843|Ver|AY264843.1 GI:30267900|Canis familiaris trefoil factor 2 mRNA, complete cds.

GBCA0017 GenBank Acc|AY258287|Ver|AY258287.1 GI:30144608|Canis familiaris trefoil factor 1 mRNA, complete cds.

GBCA0018 GenBank Acc|U91844|Ver|U91844.2 GI:10305340|Canis familiaris glucose-6-phosphatase mRNA, complete cds.

GBCA0019 GenBank Acc|AJ555547|Ver|AJ555547.1 GI:29691679|Canis familiaris mRNA for voltage-gated sodium channel alpha subunit (scn5A gene).

GBCA0020 GenBank Acc|AF494096|Ver|AF494096.1 GI:29568786|Canis familiaris tight junction-associated guanine nucleotide exchange factor isoform A (GEF-H1/Lfc) mRNA, complete cds.

GBCA0021 GenBank Acc|AB083366|Ver|AB083366.1 GI:23616935|Canis familiaris RCAS1 mRNA for receptor-binding cancer antigen, complete cds.

GBCA0022 GenBank Acc|AY225149|Ver|AY225149.1 GI:29170598|Canis familiaris 12-transmembrane domain co-transporter Cell splice variant mRNA, complete cds; alternatively spliced.

GBCA0023 GenBank Acc|AB104899|Ver|AB104899.1 GI:28866918|Canis familiaris TLR9 mRNA for Toll-like receptor 9 protein, complete cds.

GBCA0024 GenBank Acc|AB080972|Ver|AB080972.1 GI:28812183|Canis familiaris CA6 mRNA for carbonic anhydrase VI, complete cds.

GBCA0025 GenBank Acc|AY169792|Ver|AY169792.1 GI:28628178|Canis familiaris beta-defensin-like peptide 3 mRNA, complete cds.

GBCA0026 GenBank Acc|AY169791|Ver|AY169791.1 GI:28628176|Canis familiaris beta-defensin-like peptide 2 mRNA, complete cds.

GBCA0027 GenBank Acc|AB090353|Ver|AB090353.1 GI:28557107|Canis familiaris HGF mRNA for hepatocyte growth factor, complete cds.

GBCA0028 GenBank Acc|AF491301|Ver|AF491301.1 GI:20069142|Canis familiaris TCTE1L mRNA, complete cds.

GBCA0029 GenBank Acc|AF470624|Ver|AF470624.1 GI:28194213|Canis familiaris type IV collagen alpha 5 (COL4A5) mRNA, complete cds.

GBCA0030 GenBank Acc|AY094361|Ver|AY094361.1 GI:20334923|Canis familiaris mast cell growth factor (KITLG) mRNA, partial cds.

GBCA0031 GenBank Acc|AB089264|Ver|AB089264.1 GI:28201160|Canis familiaris EDN2 mRNA for preproendothelin-2, complete cds.

GBCA0032 GenBank Acc|AY195876|Ver|AY195876.1 GI:28192676|Canis familiaris 12-transmembrane domain co-transporter Cell mRNA, complete cds.

GBCA0033 GenBank Acc|AF498324|Ver|AF498324.1 GI:28190691|Canis familiaris uromodulin precursor (Umod) mRNA, complete cds.

GBCA0034 GenBank Acc|U52916|Ver|U52916.1 GI:1777900|Canis familiaris transducin beta-3-subunit (GNB3) mRNA, complete cds.

GBCA0035 GenBank Acc|D78348|Ver|D78348.1 GI:1071649|Canis familiaris ZAP47 mRNA for zymogen granule membrane associated protein, complete cds.

GBCA0036 GenBank Acc|D17397|Ver|D17397.1 GI:397824|Canis familiaris CYP2D mRNA for P-450 2D, complete cds.

GBCA0037 GenBank Acc|D16410|Ver|D16410.1 GI:303539|Canis familiaris mRNA for T-Cell receptor, complete cds.

GBCA0038 GenBank Acc|D16409|Ver|D16409.1 GI:303537|Canis familiaris mRNA for T-Cell receptor, partial cds.

GBCA0039 GenBank Acc|AY185179|Ver|AY185179.1 GI:27902533|Canis familiaris transcription factor Tbx4 (Tbx4) mRNA, complete cds.

GBCA0040 GenBank Acc|AB100595|Ver|AB100595.1 GI:27884305|Canis familiaris ELS1 mRNA for elastase 1, complete cds.

GBCA0041 GenBank Acc|AJ347749|Ver|AJ347749.1 GI:23304859|Canis familiaris mRNA for p76RBE protein.

GBCA0042 GenBank Acc|AY094504|Ver|AY094504.1 GI:27447285|Canis familiaris thyroid peroxidase (TPO) mRNA, complete cds.

GBCA0043 GenBank Acc|AB098562|Ver|AB098562.1 GI:27372797|Canis familiaris RANTES mRNA for RANTES protein, complete cds.

GBCA0044 GenBank Acc|AB080230|Ver|AB080230.1 GI:27372189|Canis familiaris mRNA for Bax, complete cds.

GBCA0045 GenBank Acc|AJ388555|Ver|AJ388555.1 GI:5441610|Canis familiaris mRNA for partial hypothetical protein, clone BC61.



GBCA0046 GenBank Acc|AJ388554|Ver|AJ388554.1 GI:5441608|Canis familiaris mRNA for partial hypothetical protein, clone C2.

GBCA0047 GenBank Acc|AJ388552|Ver|AJ388552.1 GI:5441604|Canis familiaris mRNA for partial hypothetical protein, clone V2.89.

GBCA0048 GenBank Acc|AJ388547|Ver|AJ388547.1 GI:5441594|Canis familiaris mRNA for partial hypothetical protein, clone R1.07.

GBCA0049 GenBank Acc|AJ388546|Ver|AJ388546.1 GI:5441592|Canis familiaris mRNA for partial hypothetical protein, clone BC10.

GBCA0050 GenBank Acc|AJ388545|Ver|AJ388545.1 GI:5441590|Canis familiaris mRNA for partial hypothetical protein, clone B71.

GBCA0051 GenBank Acc|AY005140|Ver|AY005140.1 GI:15072320|Canis familiaris dev-stage embryo troponin T isoform 1 mRNA, complete cds.

GBCA0052 GenBank Acc|AY162293|Ver|AY162293.1 GI:26984046|Canis familiaris inhibitor-1 of protein phosphatase type 2A mRNA, complete cds.

GBCA0053 GenBank Acc|AJ534245|Ver|AJ534245.1 GI:26800812|Canis familiaris mRNA for prenylated Rab acceptor 1 (pral gene).

GBCA0054 GenBank Acc|AY057078|Ver|AY057078.1 GI:23428517|Canis familiaris truncated thiopurine methyltransferase (TPMT) mRNA, complete cds, alternatively spliced.

GBCA0055 GenBank Acc|AY057077|Ver|AY057077.1 GI:23428514|Canis familiaris thiopurine methyltransferase (TPMT) mRNA, complete cds, alternatively spliced.

GBCA0056 GenBank Acc|AB093582|Ver|AB093582.2 GI:26006286|Canis familiaris mRNA for Mcl-1, complete cds.

GBCA0057 GenBank Acc|AF447922|Ver|AF447922.1 GI:25990915|Canis familiaris Rh type B glycoprotein mRNA, complete cds.

GBCA0058 GenBank Acc|AJ518867|Ver|AJ518867.1 GI:25809291|Canis familiaris mRNA for ankyrin repeat and SOCS box containing protein 17 (asb-17 gene).

GBCA0059 GenBank Acc|AB095108|Ver|AB095108.1 GI:24636590|Canis familiaris mRNA for survivin, complete cds.

GBCA0060 GenBank Acc|AB080188|Ver|AB080188.1 GI:22335682|Canis familiaris CCR4 mRNA for CC chemokine receptor 4, complete cds.

GBCA0061 GenBank Acc|AB047312|Ver|AB047312.1 GI:9886744|Canis familiaris mRNA for QKI-5, complete cds.

GBCA0062 GenBank Acc|AF483595|Ver|AF483595.1 GI:23266716|Canis familiaris glucocorticoid receptor DNA binding factor 1 mRNA, complete cds.

GBCA0063 GenBank Acc|AF544242|Ver|AF544242.1 GI:24021295|Canis familiaris glutamine synthetase mRNA, complete cds, alternatively spliced.

GBCA0064 GenBank Acc|AF346625|Ver|AF346625.1 GI:24020877|Canis familiaris heavy neurofilament protein (NFH) mRNA, NFH-C allele, complete cds.

GBCA0065 GenBank Acc|AF535138|Ver|AF535138.1 GI:23452498|Canis familiaris cyclooxygenase mRNA, complete cds.

GBCA0066 GenBank Acc|AF416724|Ver|AF416724.1 GI:23451061|Canis familiaris delta-tubulin (TUBD) mRNA, complete cds.

GBCA0067 GenBank Acc|AJ271644|Ver|AJ271644.1 GI:6782310|Canis familiaris mRNA for ID3 protein (ID3 gene).

GBCA0068 GenBank Acc|AF540075|Ver|AF540075.1 GI:23267154|Canis familiaris alkaline phosphatase (ALP) mRNA, partial cds.

GBCA0069 GenBank Acc|AB090854|Ver|AB090854.1 GI:22531687|Canis familiaris csa mRNA for serum albumin, complete cds.

GBCA0070 GenBank Acc|AB089789|Ver|AB089789.1 GI:22218071|Canis familiaris afp mRNA for alpha-fetoprotein, complete cds.

GBCA0071 GenBank Acc|AF494190|Ver|AF494190.1 GI:22347540|Canis familiaris neutrophil elastase mRNA, complete cds.

GBCA0072 GenBank Acc|AB082936|Ver|AB082936.1 GI:19911570|Canis familiaris PgnB mRNA for pepsinogen B, complete cds.

GBCA0073 GenBank Acc|AF525493|Ver|AF525493.1 GI:22038136|Canis familiaris H11 kinase mRNA, complete cds.

GBCA0074 GenBank Acc|AF490511|Ver|AF490511.1 GI:22023792|Canis familiaris cyclic nucleotide gated channel beta subunit (CNGB3) mRNA, complete cds.

GBCA0075 GenBank Acc|AF525133|Ver|AF525133.1 GI:22001282|Canis familiaris protein phosphatase 2A inhibitor 2 mRNA, complete cds.

GBCA0076 GenBank Acc|AF525132|Ver|AF525132.1 GI:22001280|Canis familiaris protein kinase A alpha mRNA, complete cds.

GBCA0077 GenBank Acc|AF525130|Ver|AF525130.1 GI:22001276|Canis familiaris protein phosphatase type 1 catalytic subunit gamma isoform mRNA, complete cds.

GBCA0078 GenBank Acc|AF525129|Ver|AF525129.1 GI:22001274|Canis familiaris protein phosphatase type 1 beta isoform mRNA, complete cds.

GBCA0079 GenBank Acc|AF346417|Ver|AF346417.1 GI:18150345|Canis familiaris Cu/Zn superoxide dismutase (SOD1) mRNA, complete cds.

GBCA0080 GenBank Acc|AF263546|Ver|AF263546.2 GI:21553346|Canis familiaris scamper mRNA, complete cds.

GBCA0081 GenBank Acc|AF461733|Ver|AF461733.2 GI:21492645|Canis familiaris proton-coupled peptide cotransporter PepT1 mRNA, complete cds.

GBCA0082 GenBank Acc|AY112659|Ver|AY112659.1 GI:21464519|Canis familiaris melanin-concentrating hormone receptor subtype 2 mRNA, complete cds.

GBCA0083 GenBank Acc|AY112658|Ver|AY112658.1 GI:21464517|Canis familiaris melanin-concentrating hormone receptor subtype 1 mRNA, complete cds.

GBCA0084 GenBank Acc|D38223|Ver|D38223.1 GI:540498|Canis familiaris ZAP36 mRNA for zymogen granule membrane associated protein, complete cds.

GBCA0085 GenBank Acc|AY034786|Ver|AY034786.1 GI:21303188|Canis familiaris retinitis pigmentosa 1 protein (RP1) mRNA, complete cds.

GBCA0086 GenBank Acc|AF506750|Ver|AF506750.1 GI:20977256|Canis familiaris cardiac troponin I (TNNI3) mRNA, complete cds.

GBCA0087 GenBank Acc|AB085580|Ver|AB085580.1 GI:20975411|Canis familiaris mRNA for caspase-3, complete cds.

GBCA0088 GenBank Acc|AB043895|Ver|AB043895.2 GI:20502477|Canis familiaris Brca2 mRNA, complete cds.

GBCA0089 GenBank Acc|AY092841|Ver|AY092841.1 GI:20465208|Canis familiaris T4R mutant opsin mRNA, complete cds.

GBCA0090 GenBank Acc|AF448227|Ver|AF448227.1 GI:17646638|Canis familiaris DNA-dependent protein kinase catalytic subunit mRNA, complete cds.

GBCA0091 GenBank Acc|AB043896|Ver|AB043896.1 GI:20387090|Canis familiaris mRNA for Rad51, complete cds.

GBCA0092 GenBank Acc|AF308439|Ver|AF308439.1 GI:15824621|Canis familiaris preproglucagon mRNA, complete cds.

GBCA0093 GenBank Acc|AJ243320|Ver|AJ243320.1 GI:5262815|Canis familiaris mRNA for for brain cell membrane protein 1 (BCMP1 gene), clone C60-1.

GBCA0094 GenBank Acc|AF494098|Ver|AF494098.1 GI:20149232|Canis familiaris periplakin mRNA, partial cds.

GBCA0095 GenBank Acc|AB046106|Ver|AB046106.1 GI:9795235|Canis familiaris mRNA for uncoupling protein 1 UCP1, complete cds.

GBCA0096 GenBank Acc|AB022020|Ver|AB022020.1 GI:6855263|Canis familiaris ucp3 mRNA for uncoupling protein 3, complete cds.

GBCA0097 GenBank Acc|AB020887|Ver|AB020887.1 GI:6855261|Canis familiaris ucp2 mRNA for uncoupling protein 2, complete cds.

GBCA0098 GenBank Acc|AF454668|Ver|AF454668.1 GI:19568247|Canis familiaris photoreceptor-specific cone-rod homeobox protein (CRX) mRNA, complete cds.

GBCA0099 GenBank Acc|M59172|Ver|M59172.1 GI:164061|Canis familiaris serum amyloid A-like protein (SAA) mRNA, complete cds.

GBCA0100 GenBank Acc|AY044905|Ver|AY044905.1 GI:19072833|Canis familiaris prostaglandin G/H synthase-2 mRNA, complete cds.

GBCA0101 GenBank Acc|AB080363|Ver|AB080363.1 GI:18958364|Canis familiaris TLR4 mRNA for Toll-like receptor4 protein, complete cds.

GBCA0102 GenBank Acc|AB054642|Ver|AB054642.1 GI:14970991|Canis familiaris mRNA for chemokine, complete cds.

GBCA0103 GenBank Acc|AJ298295|Ver|AJ298295.1 GI:12957058|Canis familiaris mRNA for preproMTLRP.

GBCA0104 GenBank Acc|AF197950|Ver|AF197950.1 GI:6578766|Canis familiaris androgen receptor (AR) mRNA, complete cds.

GBCA0105 GenBank Acc|AF177934|Ver|AF177934.1 GI:6003480|Canis familiaris prostaglandin E2 receptor EP4 subtype mRNA, complete cds.

GBCA0106 GenBank Acc|AY047597|Ver|AY047597.1 GI:18466798|Canis familiaris beagle Murr1 (Murr1) mRNA, complete cds.

GBCA0107 GenBank Acc|AY048585|Ver|AY048585.1 GI:18476188|Canis familiaris opticin mRNA, complete cds.

GBCA0108 GenBank Acc|AJ296287|Ver|AJ296287.1 GI:16605494|Canis familiaris tcof1 gene for treacle protein.

GBCA0109 GenBank Acc|AY064407|Ver|AY064407.1 GI:18252813|Canis familiaris CMP-sialic acid transporter gene, complete cds.

GBCA0110 GenBank Acc|AY064406|Ver|AY064406.1 GI:18252811|Canis familiaris UDP-galactose transporter mRNA, complete cds.

GBCA0111 GenBank Acc|AF384054|Ver|AF384054.1 GI:15420723|Canis familiaris flavin-containing monooxygenase 3 mRNA, complete cds.

GBCA0112 GenBank Acc|AF384053|Ver|AF384053.1 GI:15420721|Canis familiaris flavin-containing monooxygenase 1 mRNA, complete cds.

GBCA0113 GenBank Acc|AF239917|Ver|AF239917.1 GI:7330263|Canis familiaris interleukin-4 mRNA, complete cds.

GBCA0114 GenBank Acc|AY063765|Ver|AY063765.1 GI:17978646|Canis familiaris inhibitor-1 mRNA, complete cds.

GBCA0115 GenBank Acc|AF448499|Ver|AF448499.1 GI:17646739|Canis familiaris type 2A protein phosphatase catalytic subunit mRNA, complete cds.

GBCA0116 GenBank Acc|AY062037|Ver|AY062037.1 GI:17426426|Canis familiaris protein phosphatase type 1 alpha catalytic subunit mRNA, complete cds.

GBCA0117 GenBank Acc|AY052750|Ver|AY052750.1 GI:17223786|Canis familiaris frizzled-6 mRNA, complete cds.

GBCA0118 GenBank Acc|AF039223|Ver|AF039223.1 GI:2724138|Canis familiaris caveolin-2 (cav-2) mRNA, complete cds.

GBCA0119 GenBank Acc|AB075027|Ver|AB075027.1 GI:17298185|Canis familiaris hsp70 mRNA for heat shock protein 70, complete cds.

GBCA0120 GenBank Acc|U65376|Ver|U65376.1 GI:1762762|Canis familiaris rod photoreceptor transducin alpha 1 subunit mRNA, complete cds.

GBCA0121 GenBank Acc|AF440218|Ver|AF440218.1 GI:17226389|Canis familiaris ventricular myosin light chain 2 mRNA, complete cds.

GBCA0122 GenBank Acc|AB020986|Ver|AB020986.1 GI:4038726|Canis familiaris mRNA for leptin, complete cds.

GBCA0123 GenBank Acc|AF354267|Ver|AF354267.1 GI:17066529|Canis familiaris immunoglobulin gamma heavy chain D mRNA, complete cds.

GBCA0124 GenBank Acc|AF354266|Ver|AF354266.1 GI:17066527|Canis familiaris immunoglobulin gamma heavy chain C mRNA, complete cds.

GBCA0125 GenBank Acc|AF354265|Ver|AF354265.1 GI:17066525|Canis familiaris immunoglobulin gamma heavy chain B mRNA, complete cds.

GBCA0126 GenBank Acc|AF354264|Ver|AF354264.1 GI:17066523|Canis familiaris immunoglobulin gamma heavy chain A mRNA, complete cds.

GBCA0127 GenBank Acc|AF038862|Ver|AF038862.1 GI:4090989|Canis familiaris transducin gamma subunit (GNGT2) mRNA, complete cds.

GBCA0128 GenBank Acc|AB073983|Ver|AB073983.1 GI:16874533|Canis familiaris mRNA for Bcl-xL, complete cds.

GBCA0129 GenBank Acc|U39663 L29285|Ver|U39663.1 GI:6649539|Canis familiaris TIFF66 mRNA, complete cds.

GBCA0130 GenBank Acc|U52868|Ver|U52868.1 GI:1305486|Canis familiaris retinal cyclic-GMP phosphodiesterase alpha-subunit (PDEA) mRNA, complete cds.

GBCA0131 GenBank Acc|AF177470|Ver|AF177470.1 GI:9957241|Canis familiaris progesterone receptor (PR) mRNA, complete cds.

GBCA0132 GenBank Acc|AF314533|Ver|AF314533.1 GI:16151870|Canis familiaris interleukin 13 receptor alpha chain 2 (IL13Ra2) mRNA, complete cds.

GBCA0133 GenBank Acc|AF314532|Ver|AF314532.1 GI:16151868|Canis familiaris interleukin 13 receptor alpha chain 1 (IL13Ra1) mRNA, partial cds.

GBCA0134 GenBank Acc|AF046874|Ver|AF046874.1 GI:3335400|Canis familiaris phosducin mRNA, complete cds.

GBCA0135 GenBank Acc|AF331919|Ver|AF331919.1 GI:15919180|Canis familiaris interleukin-5 mRNA, complete cds.

GBCA0136 GenBank Acc|AF190740|Ver|AF190740.1 GI:15428283|Canis familiaris alpha-tocopherol transfer protein mRNA, partial cds.

GBCA0137 GenBank Acc|U33843|Ver|U33843.1 GI:1000198|Canis familiaris interleukin-10 (IL-10) mRNA, complete cds.

GBCA0138 GenBank Acc|AJ290948|Ver|AJ290948.1 GI:15149876|Canis familiaris mRNA for UDP-glucuronosyltransferase (UGT1A6 gene).

GBCA0139 GenBank Acc|AF262219|Ver|AF262219.1 GI:10178634|Canis familiaris transglutaminase 1 mRNA, complete cds.

GBCA0140 GenBank Acc|AF285177|Ver|AF285177.1 GI:15076950|Canis familiaris ferritin mRNA, complete cds.

GBCA0141 GenBank Acc|AJ278477|Ver|AJ278477.1 GI:11024570|Canis familiaris E12a gene for epididymal secretory proteins, genomic RNA.

GBCA0142 GenBank Acc|Y18220|Ver|Y18220.1 GI:11557969|Canis familiaris mRNA for multidrug resistance protein 2.

GBCA0143 GenBank Acc|AF112115|Ver|AF112115.1 GI:6650623|Canis familiaris tissue inhibitor of metalloproteinase 2 precursor, mRNA, complete cds.

GBCA0144 GenBank Acc|AF016248|Ver|AF016248.1 GI:3002535|Canis familiaris cytochrome P450 2C41 mRNA, complete cds.

GBCA0145 GenBank Acc|U11762|Ver|U11762.1 GI:521134|Canis familiaris type I iodothyronine deiodinase (dio 1) mRNA, complete cds.

GBCA0146 GenBank Acc|U19489|Ver|U19489.1 GI:3068552|Canis familiaris glycoprotein Ib mRNA, complete cds.

GBCA0147 GenBank Acc|AF325357|Ver|AF325357.1 GI:14388930|Canis familiaris signaling lymphocyte activation molecule SLAM mRNA, complete cds.

GBCA0148 GenBank Acc|AB023629|Ver|AB023629.1 GI:14331124|Canis familiaris CESdD1 mRNA for carboxylesterase D1, complete cds.

GBCA0149 GenBank Acc|AB035080|Ver|AB035080.1 GI:7959047|Canis familiaris mRNA for beta-casein, complete cds.

GBCA0150 GenBank Acc|AF259962|Ver|AF259962.1 GI:8101066|Canis familiaris T-cell costimulatory molecule CD28 (CD28) mRNA, complete cds.

GBCA0151 GenBank Acc|AF317416|Ver|AF317416.1 GI:14133509|Canis familiaris serum/glucocorticoid-regulated kinase 1 (sgk1) mRNA, partial cds.

GBCA0152 GenBank Acc|AF358908|Ver|AF358908.1 GI:13991614|Canis familiaris integral membrane protein claudin-3 mRNA, complete cds.

GBCA0153 GenBank Acc|AF358907|Ver|AF358907.1 GI:13991612|Canis familiaris integral membrane protein claudin-2 mRNA, complete cds.

GBCA0154 GenBank Acc|AB038231|Ver|AB038231.1 GI:12082092|Canis familiaris AC mRNA for catalase, complete cds.

GBCA0155 GenBank Acc|AF153062|Ver|AF153062.1 GI:4960162|Canis familiaris type I collagen pre-pro-alpha1(I) chain (COL1A1) mRNA, complete cds.

GBCA0156 GenBank Acc|AF252536|Ver|AF252536.1 GI:13810652|Canis familiaris calmodulin-activated cyclic nucleotide phosphodiesterase (PDE1A) mRNA, complete cds.

GBCA0157 GenBank Acc|AJ245513|Ver|AJ245513.1 GI:10636209|Canis familiaris mRNA for T brachyury protein (t gene).

GBCA0158 GenBank Acc|AF350327|Ver|AF350327.1 GI:13752441|Canis familiaris peroxisome proliferator activated receptor alpha mRNA, complete cds.

GBCA0159 GenBank Acc|X94122|Ver|X94122.1  
GI:13751031|C.familiaris mRNA for peripherin/retinal degeneration slow protein.

GBCA0160 GenBank Acc|AB049597|Ver|AB049597.1 GI:13537340|Canis familiaris cegf mRNA for epidermal growth factor, complete cds.

GBCA0161 GenBank Acc|AB038563|Ver|AB038563.1 GI:13516834|Canis familiaris MAOA mRNA for monoamine oxidase A, complete cds.

GBCA0162 GenBank Acc|AF343440|Ver|AF343440.1 GI:13507386|Canis familiaris lysosomal H+ transporting-ATPase subunit M9.2 (ATP6H) mRNA, complete cds.

GBCA0163 GenBank Acc|AF334948|Ver|AF334948.1 GI:13383985|Canis familiaris B2 bradykinin receptor (Bdkrb2) mRNA, complete cds.



GBCA0164 GenBank Acc|AY026462|Ver|AY026462.1 GI:12746560|Canis familiaris interleukin-1 receptor antagonist mRNA, complete cds.

GBCA0165 GenBank Acc|AF191546|Ver|AF191546.1 GI:6179931|Canis familiaris tektin mRNA, complete cds.

GBCA0166 GenBank Acc|AJ277753|Ver|AJ277753.1 GI:12049570|Canis familiaris msx2 gene for Muscle Segmentation Homologue (MSX2 protein).

GBCA0167 GenBank Acc|AJ388551|Ver|AJ388551.2 GI:6687240|Canis familiaris mRNA for bHLH protein Hesr-1/Hey1, clone BC8.

GBCA0168 GenBank Acc|AJ388557|Ver|AJ388557.1 GI:5441614|Canis familiaris mRNA for zinc finger protein, clone BC3.

GBCA0169 GenBank Acc|AJ388540|Ver|AJ388540.1 GI:5441582|Canis familiaris mRNA for partial splicing factor SRp55-1 (srp55-1 gene).

GBCA0170 GenBank Acc|AJ388536|Ver|AJ388536.1 GI:5441576|Canis familiaris mRNA for partial ras-related rho protein (rho gene).

GBCA0171 GenBank Acc|AJ388535|Ver|AJ388535.1 GI:5441574|Canis familiaris mRNA for partial ubiquitin carrier protein (E2-EPF gene).

GBCA0172 GenBank Acc|AJ388523|Ver|AJ388523.1 GI:5441540|Canis familiaris mRNA for Ribosomal protein S17 (rps17 gene).

GBCA0173 GenBank Acc|AJ388521|Ver|AJ388521.1 GI:5441536|Canis familiaris mRNA for Ribosomal protein, L17/L23 (rpl17/L23 gene).

GBCA0174 GenBank Acc|AJ388520|Ver|AJ388520.1 GI:5441534|Canis familiaris mRNA for partial Ribosomal protein S11 (rps11 gene).

GBCA0175 GenBank Acc|AJ388519|Ver|AJ388519.1 GI:5441532|Canis familiaris mRNA for partial Ribosomal protein S18 (rps18 gene).

GBCA0176 GenBank Acc|AJ388518|Ver|AJ388518.1 GI:5441530|Canis familiaris mRNA for non-histone chromosomal protein HMG-17 (hmg-17 gene).

GBCA0177 GenBank Acc|AJ388516|Ver|AJ388516.1 GI:5441526|Canis familiaris mRNA for ribosomal protein L27.

GBCA0178 GenBank Acc|AJ388514|Ver|AJ388514.1 GI:5441522|Canis familiaris mRNA for partial Ribosomal protein S14.

GBCA0179 GenBank Acc|AF322417|Ver|AF322417.2 GI:12007711|Canis familiaris MDM2 alpha mRNA, complete cds.

GBCA0180 GenBank Acc|AF213513|Ver|AF213513.1 GI:12003983|Canis familiaris galactokinase (GALK1) mRNA, complete cds.

GBCA0181 GenBank Acc|AF212974|Ver|AF212974.1 GI:12003373|Canis familiaris gamma tubulin (TUBG) mRNA, complete cds.

GBCA0182 GenBank Acc|AF154843|Ver|AF154843.1 GI:12002691|Canis familiaris costimulatory molecule B7 receptor CD152 (CD152) mRNA, complete cds.

GBCA0183 GenBank Acc|AF005360|Ver|AF005360.1 GI:4101627|Canis familiaris desmoglein-1 precursor (DSG-1) mRNA, complete cds.

GBCA0184 GenBank Acc|AF315034|Ver|AF315034.1 GI:11878262|Canis familiaris Niemann-Pick type C1 disease protein (NPC1) mRNA, complete cds.

GBCA0185 GenBank Acc|Y19224|Ver|Y19224.1 GI:6015499|Canis familiaris mRNA for glucocorticoid induced receptor (GIR gene).

GBCA0186 GenBank Acc|AF187966|Ver|AF187966.1 GI:11385351|Canis familiaris amino acid transporter SLC3A1 mRNA, complete cds.

GBCA0187 GenBank Acc|AF293964|Ver|AF293964.1 GI:11344841|Canis familiaris dopamine D2 receptor short isoform (DRD2) mRNA, complete cds, alternatively spliced.

GBCA0188 GenBank Acc|AF293963|Ver|AF293963.1 GI:11344839|Canis familiaris dopamine D2 receptor (DRD2) mRNA, complete cds.

GBCA0189 GenBank Acc|AF307858|Ver|AF307858.1 GI:11037762|Canis familiaris actin-related protein 3 (Arp3) mRNA, partial cds.

GBCA0190 GenBank Acc|AF023169 AF242201|Ver|AF023169.2 GI:10947026|Canis familiaris type IIA procollagen mRNA, complete cds.

GBCA0191 GenBank Acc|AF297626|Ver|AF297626.1 GI:10946309|Canis familiaris transferrin receptor (TFRC) mRNA, complete cds.

GBCA0192 GenBank Acc|X99145|Ver|X99145.2 GI:10944717|Canis familiaris mRNA for C3VS protein.

GBCA0193 GenBank Acc|AF244915|Ver|AF244915.1 GI:7528273|Canis familiaris interleukin-13 mRNA, complete cds.

GBCA0194 GenBank Acc|AF153198|Ver|AF153198.1 GI:4960160|Canis familiaris Kv3.1 (Kv3.1) mRNA, complete cds.

GBCA0195 GenBank Acc|AF217203|Ver|AF217203.1 GI:10441856|Canis familiaris heparan sulfate sulfamidase (SGSH) mRNA, complete cds.

GBCA0196 GenBank Acc|AJ279008|Ver|AJ279008.1 GI:10185019|Canis familiaris mRNA for cathepsin L (ccL gene).

GBCA0197 GenBank Acc|AF187325|Ver|AF187325.1 GI:6014645|Canis familiaris breed beagle melanoma antigen mRNA, complete cds.

GBCA0198 GenBank Acc|AB047246|Ver|AB047246.1 GI:9798659|Canis familiaris pgnA mRNA for pepsinogen A, complete cds.

GBCA0199 GenBank Acc|AF049328|Ver|AF049328.1 GI:3169282|Canis familiaris neuropeptide Y receptor type 5 (NPY5) mRNA, complete cds.

GBCA0200 GenBank Acc|AF005778|Ver|AF005778.1 GI:2988393|Canis familiaris neuropeptide Y Y1 receptor mRNA, complete cds.

GBCA0201 GenBank Acc|AF179715|Ver|AF179715.2 GI:9695337|Canis familiaris copper chaperone (Atox1) mRNA, complete cds.

GBCA0202 GenBank Acc|AF029979|Ver|AF029979.1 GI:9545984|Canis familiaris cytochrome P450 2E1 mRNA, complete cds.

GBCA0203 GenBank Acc|AF277647|Ver|AF277647.1 GI:8778199|Canis familiaris inwardly rectifying potassium channel Kir2.1 (KCNJ2) mRNA, complete cds.

GBCA0204 GenBank Acc|AF206513|Ver|AF206513.1 GI:9367102|Canis familiaris GnRH receptor mRNA, complete cds.

GBCA0205 GenBank Acc|AF155148|Ver|AF155148.1 GI:9367028|Canis familiaris Flt3 ligand mRNA, complete cds.

GBCA0206 GenBank Acc|AF230498|Ver|AF230498.1 GI:8163931|Canis familiaris NADPH thyroid oxidase 2 (THOX2) mRNA, partial cds.

GBCA0207 GenBank Acc|AF230497|Ver|AF230497.1 GI:8163929|Canis familiaris NADPH thyroid oxidase 1 (THOX1) mRNA, complete cds.

GBCA0208 GenBank Acc|AF133835|Ver|AF133835.1 GI:6381992|Canis familiaris growth hormone receptor precursor (GHR) mRNA, complete cds.

GBCA0209 GenBank Acc|AB032025|Ver|AB032025.1 GI:5822851|Canis familiaris mRNA for ubiquitin, partial cds.

GBCA0210 GenBank Acc|AF162445|Ver|AF162445.2 GI:9058658|Canis familiaris skeletal muscle chloride channel ClC-1 (CLCN1) mRNA, complete cds.

GBCA0211 GenBank Acc|AF135967|Ver|AF135967.1 GI:7595236|Canis familiaris caspase-1-like protein mRNA, complete cds.

GBCA0212 GenBank Acc|AJ401272|Ver|AJ401272.1 GI:8979742|Canis familiaris mRNA for Band4.1-like5 protein (be37 gene).

GBCA0213 GenBank Acc|AF148801|Ver|AF148801.1 GI:8131935|Canis familiaris retinitis pigmentosa GTP-ase regulator RPGR (RPGR) mRNA, alternative splice variant, complete cds.

GBCA0214 GenBank Acc|AF171062|Ver|AF171062.1 GI:8100511|Canis familiaris Y-box protein ZONAB-B (ZONAB) mRNA, complete cds.

GBCA0215 GenBank Acc|AF171061|Ver|AF171061.1 GI:8100509|Canis familiaris Y-box protein ZONAB-A (ZONAB) mRNA, complete cds.

GBCA0216 GenBank Acc|AF258614|Ver|AF258614.1 GI:8050818|Canis familiaris vacuolar proton-ATPase subunit ATP6H (ATP6H) mRNA, complete cds.

GBCA0217 GenBank Acc|AB035079|Ver|AB035079.1 GI:7959045|Canis familiaris mRNA for alpha-lactalbumin, complete cds.

GBCA0218 GenBank Acc|AF216706|Ver|AF216706.1 GI:7839368|Canis familiaris plasma membrane calcium ATPase isoform 4a mRNA, partial cds.

GBCA0219 GenBank Acc|AB011373|Ver|AB011373.1 GI:7415413|Canis familiaris aquaporin1 mRNA for AQP-CHIP, complete cds.

GBCA0220 GenBank Acc|AF177217|Ver|AF177217.1 GI:7688730|Canis familiaris matrix metalloproteinase-2 (MMP-2) mRNA, partial cds.

GBCA0221 GenBank Acc|S71529|Ver|S71529.1 GI:562170|R-type pyruvate kinase [dogs, Basenji, reticulocytes, mRNA Partial Mutant, 1889 nt, segment 1 of 2].

GBCA0222 GenBank Acc|AB026988|Ver|AB026988.1 GI:4850327|Canis familiaris mRNA for prostaglandin D synthase, complete cds.

GBCA0223 GenBank Acc|U65989 L29489 L29490|Ver|U65989.2  
GI:7534273|Canis familiaris articular cartilage aggrecan  
precursor, mRNA, complete cds.

GBCA0224 GenBank Acc|AB039881|Ver|AB039881.1 GI:7288115|Canis  
familiaris mRNA for cytochrome P450c21, complete cds.

GBCA0225 GenBank Acc|AF233687|Ver|AF233687.1 GI:7331161|Canis  
familiaris relaxin mRNA, complete cds.

GBCA0226 GenBank Acc|L02897|Ver|L02897.1 GI:164035|Dog  
nonerythroid beta-spectrin mRNA, 3' end.

GBCA0227 GenBank Acc|AF239824|Ver|AF239824.1 GI:7271908|Canis  
familiaris GTP-binding protein Mx2 mRNA, complete cds.

GBCA0228 GenBank Acc|AF239823|Ver|AF239823.1 GI:7271906|Canis  
familiaris GTP-binding protein Mx1 mRNA, complete cds.

GBCA0229 GenBank Acc|AF147784|Ver|AF147784.1 GI:7110130|Canis  
familiaris retinal-specific clusterin-like preprotein (CLUL1)  
mRNA, complete cds.

GBCA0230 GenBank Acc|AF067847|Ver|AF067847.1 GI:5577963|Canis  
familiaris Na<sup>+</sup>-dependent glutamate transporter (GLAST) mRNA,  
complete cds.

GBCA0231 GenBank Acc|AF167077|Ver|AF167077.2 GI:6978310|Canis  
familiaris glutamate transporter (EAAT4) mRNA, complete cds.

GBCA0232 GenBank Acc|AF167076|Ver|AF167076.2 GI:6978308|Canis  
familiaris glutamate transporter (GLT1) mRNA, complete cds.

GBCA0233 GenBank Acc|AF167075|Ver|AF167075.2 GI:6978306|Canis  
familiaris glutamate transporter (EAAC1) mRNA, complete cds.

GBCA0234 GenBank Acc|U55935|Ver|U55935.1 GI:4204862|Canis  
familiaris tight junction associated protein ZO-1 MDCK (ZO1-MDCK)  
mRNA, complete cds.

GBCA0235 GenBank Acc|AF187884|Ver|AF187884.1 GI:6003682|Canis  
familiaris protein tyrosine kinase fer mRNA, complete cds.

GBCA0236 GenBank Acc|AB038240|Ver|AB038240.1 GI:6983846|Canis  
familiaris GAPDH mRNA for glyceraldehyde-3-phosphate  
dehydrogenase, complete cds.

GBCA0237 GenBank Acc|AF117714|Ver|AF117714.1 GI:6840917|Canis  
familiaris hematopoietic antigen CD38 mRNA, complete cds.

GBCA0238 GenBank Acc|AB021708|Ver|AB021708.1 GI:4589713|Canis familiaris mRNA for nicotinic acetylcholine receptor alpha-subunit, complete cds.

GBCA0239 GenBank Acc|AF035585|Ver|AF035585.1 GI:6649945|Canis familiaris transcription factor Pit-1 mRNA, complete cds.

GBCA0240 GenBank Acc|AJ243344|Ver|AJ243344.1 GI:6687229|Canis familiaris mRNA for potassium channel (CERG gene).

GBCA0241 GenBank Acc|AF211257|Ver|AF211257.1 GI:6671356|Canis familiaris fibroblast growth factor receptor 2 (FGFR2) mRNA, complete cds.

GBCA0242 GenBank Acc|AF106827|Ver|AF106827.1 GI:6572518|Canis familiaris truncated B7-2 protein (CD86) mRNA, complete cds.

GBCA0243 GenBank Acc|AF106826|Ver|AF106826.1 GI:6572516|Canis familiaris B7-2 protein (CD86) mRNA, complete cds.

GBCA0244 GenBank Acc|AF106824|Ver|AF106824.1 GI:6572512|Canis familiaris B7-1 protein precursor (CD80) mRNA, complete cds.

GBCA0245 GenBank Acc|AF137068|Ver|AF137068.1 GI:6492288|Canis familiaris cubilin (CUBN) mRNA, complete cds.

GBCA0246 GenBank Acc|AB028042|Ver|AB028042.1 GI:6475023|Canis familiaris mRNA for metallothionein-II, complete cds.

GBCA0247 GenBank Acc|AB028041|Ver|AB028041.1 GI:6475018|Canis familiaris mRNA for metallothionein-IV, complete cds.

GBCA0248 GenBank Acc|AF200597|Ver|AF200597.1 GI:6425115|Canis familiaris beta 3 adrenergic receptor (B3AR) mRNA, complete cds.

GBCA0249 GenBank Acc|AF181965|Ver|AF181965.1 GI:5932409|Canis familiaris B-2 integrin (ITGB2) mRNA, partial cds.

GBCA0250 GenBank Acc|AF047047|Ver|AF047047.1 GI:4091114|Canis familiaris interleukin-8 receptor mRNA, complete cds.

GBCA0251 GenBank Acc|L14287|Ver|L14287.1 GI:290085|Canis familiaris CD8 antigen mRNA, complete cds.

GBCA0252 GenBank Acc|X56385|Ver|X56385.1 GI:920|Canine rab8 mRNA for ras-related GTP-binding protein.

GBCA0253 GenBank Acc|X56384|Ver|X56384.1 GI:913|Canine rab1 mRNA for ras-related GTP-binding protein involved in membrane traffic.

GBCA0254 GenBank Acc|AF165917|Ver|AF165917.1 GI:6002949|Canis familiaris triadin isoform 3 mRNA, complete cds.

GBCA0255 GenBank Acc|AF165915|Ver|AF165915.1 GI:6002945|Canis familiaris triadin isoform 1 mRNA, complete cds.

GBCA0256 GenBank Acc|AF167095|Ver|AF167095.1 GI:5916200|Canis familiaris parathyroid hormone receptor-1 (PTH1) mRNA, complete cds.

GBCA0257 GenBank Acc|AF177536|Ver|AF177536.1 GI:5853150|Canis familiaris nephrocystin (Nphp1) mRNA, partial cds.

GBCA0258 GenBank Acc|AF109151|Ver|AF109151.1 GI:5852400|Canis familiaris cGMP-phosphodiesterase delta subunit (PDE6D) mRNA, complete cds.

GBCA0259 GenBank Acc|AF047011|Ver|AF047011.1 GI:2895940|Canis familiaris prointerleukin-1 alpha mRNA, complete cds.

GBCA0260 GenBank Acc|AB023422|Ver|AB023422.1 GI:5821256|Canis familiaris mRNA for angiotensinogen, partial cds.

GBCA0261 GenBank Acc|AF143503|Ver|AF143503.1 GI:5814291|Canis familiaris nitric oxide synthase (NOS) mRNA, complete cds.

GBCA0262 GenBank Acc|AF072696|Ver|AF072696.1 GI:5805150|Canis familiaris interleukin-4 precursor, mRNA, complete cds.

GBCA0263 GenBank Acc|AB021930|Ver|AB021930.1 GI:5766900|Canis familiaris CAN2DD mRNA for dimeric dihydrodiol dehydrogenase, complete cds.

GBCA0264 GenBank Acc|AB031064|Ver|AB031064.1 GI:5738961|Canis familiaris mRNA for metastasin, complete cds.

GBCA0265 GenBank Acc|AF170525|Ver|AF170525.1 GI:5733735|Canis familiaris glycoprotein GPIIIa (GPIIIa) mRNA, complete cds.

GBCA0266 GenBank Acc|AF170524|Ver|AF170524.1 GI:5733733|Canis familiaris glycoprotein GPIIb (GPIIb) mRNA, complete cds.

GBCA0267 GenBank Acc|AF164626|Ver|AF164626.1 GI:5732905|Canis familiaris hypocretin receptor 2 (Hcrtr2) mRNA, complete cds.

GBCA0268 GenBank Acc|AF021873 AF023846|Ver|AF021873.2  
GI:5597004|Canis familiaris beta-actin mRNA, complete cds.

GBCA0269 GenBank Acc|S45367|Ver|S45367.1 GI:256177|Canis  
familiaris centractin mRNA, complete cds.

GBCA0270 GenBank Acc|AJ238953|Ver|AJ238953.1 GI:5459311|Canis  
familiaris mRNA for CE10 protein.

GBCA0271 GenBank Acc|AJ238952|Ver|AJ238952.1 GI:5459309|Canis  
familiaris mRNA for CE8 protein, variant 2.

GBCA0272 GenBank Acc|AJ238951|Ver|AJ238951.1 GI:5459307|Canis  
familiaris mRNA for CE9 protein.

GBCA0273 GenBank Acc|AF069071|Ver|AF069071.1 GI:5452943|Canis  
familiaris growth hormone (GH) mRNA, complete cds.

GBCA0274 GenBank Acc|Y11133|Ver|Y11133.1 GI:5441556|Canis  
familiaris mRNA for interferon gamma inducing factor (IL-18).

GBCA0275 GenBank Acc|AF075602|Ver|AF075602.1 GI:5430698|Canis  
familiaris prostaglandin E2 receptor subtype EP2 mRNA, complete  
cds.

GBCA0276 GenBank Acc|AB017553|Ver|AB017553.1 GI:5042356|Canis  
familiaris mRNA for high-affinity IgE receptor gamma-chain,  
complete cds.

GBCA0277 GenBank Acc|AB017552|Ver|AB017552.1 GI:5042354|Canis  
familiaris mRNA for high-affinity IgE receptor beta-chain,  
complete cds.

GBCA0278 GenBank Acc|D16413|Ver|D16413.1 GI:303543|Canis  
familiaris mRNA for immunoglobulin E receptor alpha chain,  
complete cds.

GBCA0279 GenBank Acc|D84397|Ver|D84397.2 GI:4972486|Canis  
familiaris mRNA for metallothionein-1, complete cds.

GBCA0280 GenBank Acc|AF126247|Ver|AF126247.1 GI:4877772|Canis  
familiaris interferon-gamma (IFN-g) mRNA, complete cds.

GBCA0281 GenBank Acc|AF133250|Ver|AF133250.1 GI:4768930|Canis  
familiaris vascular endothelial growth factor 188 (VEGF) mRNA,  
complete cds.

GBCA0282 GenBank Acc|Y16567|Ver|Y16567.1 GI:4127657|Canis  
familiaris mRNA for retinal pigment epithelium abundant protein.



GBCA0283 GenBank Acc|Y18136|Ver|Y18136.2 GI:4688653|Canis familiaris mRNA for vasopressin V2 receptor.

GBCA0284 GenBank Acc|U54792|Ver|U54792.1 GI:1403704|Canis familiaris A3 adenosine receptor mRNA, complete cds.

GBCA0285 GenBank Acc|X87224|Ver|X87224.1 GI:984113|Canis familiaris mRNA for ribosome receptor, p180.

GBCA0286 GenBank Acc|AB024517|Ver|AB024517.1 GI:4520325|Canis familiaris mRNA for DVS27 protein, complete cds.

GBCA0287 GenBank Acc|AB012223|Ver|AB012223.1 GI:2981630|Canis familiaris LINE-1 element ORF2 mRNA, complete cds.

GBCA0288 GenBank Acc|AF044249|Ver|AF044249.1 GI:4105259|Canis familiaris receptor tyrosine kinase c-kit mRNA, complete cds.

GBCA0289 GenBank Acc|S75031|Ver|S75031.1 GI:797372|histamine receptor subtype H2 [dogs, colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 149 nt].

GBCA0290 GenBank Acc|S75111|Ver|S75111.1 GI:797371|histamine receptor subtype H1 [dogs, colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 161 nt].

GBCA0291 GenBank Acc|S75029|Ver|S75029.1 GI:797370|neurokinin receptor subtype NK3 [dogs, colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 275 nt].

GBCA0292 GenBank Acc|S75109|Ver|S75109.1 GI:797368|neurokinin receptor subtype NK1 [dogs, colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 279 nt].

GBCA0293 GenBank Acc|S42999|Ver|S42999.1 GI:254534|K-ras [dogs, spleen, mRNA Partial, 212 nt].

GBCA0294 GenBank Acc|AF077817|Ver|AF077817.1 GI:4204240|Canis familiaris tissue inhibitor of metalloproteinases TIMP-1 mRNA, complete cds.

GBCA0295 GenBank Acc|AF045773|Ver|AF045773.1 GI:4164449|Canis familiaris adrenomedullin precursor, mRNA, complete cds.

GBCA0296 GenBank Acc|AF086711|Ver|AF086711.1 GI:4151316|Canis familiaris CD40 ligand (CD40L) mRNA, complete cds.

GBCA0297 GenBank Acc|AF027361|Ver|AF027361.1 GI:4103762|Canis familiaris GDP dissociation inhibitor isoform 2 (GDI-2) mRNA, complete cds.

GBCA0298 GenBank Acc|AF027360|Ver|AF027360.1 GI:4103760|Canis familiaris GDP dissociation inhibitor isoform 1 (GDI-1) mRNA, complete cds.

GBCA0299 GenBank Acc|AF060171|Ver|AF060171.1 GI:4106125|Canis familiaris dipeptidyl peptidase I mRNA, partial cds.

GBCA0300 GenBank Acc|AF070485|Ver|AF070485.1 GI:3982750|Canis familiaris dystrophin mRNA, complete cds.

GBCA0301 GenBank Acc|AF077821|Ver|AF077821.1 GI:3901273|Canis familiaris inducible nitric oxide synthase mRNA, complete cds.

GBCA0302 GenBank Acc|AF035120|Ver|AF035120.1 GI:3386333|Canis familiaris type I procollagen pro-alpha 2 chain (COL1A2) mRNA, complete cds.

GBCA0303 GenBank Acc|AB008468|Ver|AB008468.1 GI:3702696|Canis familiaris PDE5 mRNA for 3',5'-Cyclic GMP Phosphodiesterase, complete cds.

GBCA0304 GenBank Acc|AF027178|Ver|AF027178.1 GI:2598975|Canis familiaris Can f 2 mRNA, complete cds.

GBCA0305 GenBank Acc|AF027177|Ver|AF027177.1 GI:2598973|Canis familiaris Can f 1 mRNA, complete cds.

GBCA0306 GenBank Acc|AF019759|Ver|AF019759.1 GI:2425090|Canis familiaris beta-glucuronidase (GUSB) mRNA, complete cds.

GBCA0307 GenBank Acc|U92435|Ver|U92435.1 GI:1916325|Canis familiaris mutated in multiple advanced cancers protein (MMAC1) mRNA, complete cds.

GBCA0308 GenBank Acc|U66140|Ver|U66140.1 GI:1628580|Canis familiaris forssman synthetase mRNA, complete cds.

GBCA0309 GenBank Acc|U49221|Ver|U49221.1 GI:1276982|Canis familiaris occludin mRNA, complete cds.

GBCA0310 GenBank Acc|U38414|Ver|U38414.1 GI:1163912|Canis familiaris junctional sarcoplasmic reticulum protein mRNA, complete cds.

GBCA0311 GenBank Acc|U33628|Ver|U33628.1 GI:1122947|Canis familiaris sphingolipid Ca<sup>2+</sup> release mediating protein of endoplasmic reticulum mRNA, complete cds.

GBCA0312 GenBank Acc|U34246|Ver|U34246.1 GI:1054900|Dog plasma PAF acetylhydrolase, complete cds.

GBCA0313 GenBank Acc|U25183|Ver|U25183.1 GI:818846|Canis familiaris muscle type phosphofructokinase (M-PFK) mRNA, complete cds.

GBCA0314 GenBank Acc|U10308|Ver|U10308.1 GI:607813|Canis familiaris interleukin-8 mRNA, complete cds.

GBCA0315 GenBank Acc|U04361|Ver|U04361.1 GI:517411|Canis familiaris interleukin 2 receptor gamma chain (IL-2R) mRNA, complete cds.

GBCA0316 GenBank Acc|AF057365|Ver|AF057365.1 GI:3298604|Canis familiaris UDP N-acetylglucosamine transporter mRNA, complete cds.

GBCA0317 GenBank Acc|AF023617|Ver|AF023617.1 GI:3033500|Canis familiaris ZO-3 (zo-3) mRNA, complete cds.

GBCA0318 GenBank Acc|U60590|Ver|U60590.1 GI:2760340|Canis familiaris TTX-resistant sodium channel mRNA, complete cds.

GBCA0319 GenBank Acc|L27152|Ver|L27152.1 GI:1536969|Canis familiaris tight junction protein (ZO-2) mRNA, complete cds.

GBCA0320 GenBank Acc|L48515|Ver|L48515.1 GI:1333621|Canis familiaris paraoxonase 2 (PON2) mRNA, complete cds.

GBCA0321 GenBank Acc|AF003597|Ver|AF003597.1 GI:2196779|Canis familiaris p38 mitogen activated protein kinase mRNA, complete cds.

GBCA0322 GenBank Acc|M88649|Ver|M88649.1 GI:3451027|Canis familiaris adenylyl cyclase type V mRNA, partial cds.

GBCA0323 GenBank Acc|AJ002299|Ver|AJ002299.1 GI:3413468|Canis familiaris mRNA for desmocollin type 2.

GBCA0324 GenBank Acc|AF043908|Ver|AF043908.1 GI:3360386|Canis familiaris MHC class II DLA DQ beta chain (DLA-DQB) mRNA, complete cds.

GBCA0325 GenBank Acc|Y15483|Ver|Y15483.1 GI:2648063|Canis familiaris mRNA for retinal guanylate cyclase E.

GBCA0326 GenBank Acc|Z22820|Ver|Z22820.1 GI:3256091|Canis familiaris mRNA for Rab22 protein.

GBCA0327 GenBank Acc|Z22818|Ver|Z22818.1 GI:437984|Canis familiaris mRNA for Rab12 protein.

GBCA0328 GenBank Acc|Y13899|Ver|Y13899.1 GI:2204112|Canis familiaris mRNA for lipase.

GBCA0329 GenBank Acc|AF060514|Ver|AF060514.1 GI:3150076|Canis familiaris p53 protein (p53) mRNA, complete cds.

GBCA0330 GenBank Acc|AF056491|Ver|AF056491.1 GI:3046981|Canis familiaris interleukin-2 receptor alpha subunit (IL-2RA) mRNA, complete cds.

GBCA0331 GenBank Acc|AF056084|Ver|AF056084.1 GI:3025875|Canis familiaris lysosomal beta-galactosidase (GLB1) mRNA, partial cds.

GBCA0332 GenBank Acc|AF049489|Ver|AF049489.1 GI:2947307|Canis familiaris factor VIII mRNA, complete cds.

GBCA0333 GenBank Acc|AF049909|Ver|AF049909.1 GI:2944071|Canis familiaris cytochrome P450 2C21 (CYP2C21) mRNA, partial cds.

GBCA0334 GenBank Acc|Y13242|Ver|Y13242.1 GI:2920689|Canis familiaris mRNA for ALCAM, partial.

GBCA0335 GenBank Acc|AF045185|Ver|AF045185.1 GI:2854103|Canis familiaris epididymis-specific secretory glutathione peroxidase-like protein GPX5 mRNA, complete cds.

GBCA0336 GenBank Acc|U94345|Ver|U94345.1 GI:2853284|Canis familiaris sarcoplasmic reticulum Ca<sup>2+</sup>-transport ATPase isoform (SERCA2a) mRNA, complete cds.

GBCA0337 GenBank Acc|AF045016|Ver|AF045016.1 GI:2852440|Canis familiaris multidrug resistance p-glycoprotein (MDR1) mRNA, complete cds.

GBCA0338 GenBank Acc|L41609|Ver|L41609.1 GI:1246216|Canis familiaris Sec1 homolog (munc-18-2) mRNA, complete cds.

GBCA0339 GenBank Acc|U66246|Ver|U66246.1 GI:2734857|Canis familiaris von Willebrand factor mRNA, complete cds.

GBCA0340 GenBank Acc|AB008451|Ver|AB008451.1 GI:2575866|Canis familiaris mRNA for erbB-2, complete cds.

GBCA0341 GenBank Acc|X99144|Ver|X99144.1  
GI:1429315|C.familiaris mRNA for C5FW protein.

GBCA0342 GenBank Acc|U89842|Ver|U89842.1 GI:2564100|Canis  
familiaris gelatinase B mRNA, partial cds.

GBCA0343 GenBank Acc|Z81018|Ver|Z81018.1  
GI:1628359|C.familiaris mucin-type membrane protein gp40.

GBCA0344 GenBank Acc|X99115|Ver|X99115.1  
GI:1770160|C.familiaris mRNA for cAMP-responsive element  
modulator, CREM.

GBCA0345 GenBank Acc|U63897|Ver|U63897.1 GI:2231231|Canis  
familiaris vascular anastomotic upregulated protein mRNA, partial  
cds.

GBCA0346 GenBank Acc|U63896|Ver|U63896.1 GI:2231229|Canis  
familiaris vascular anastomotic upregulated protein mRNA, partial  
cds.

GBCA0347 GenBank Acc|U63829|Ver|U63829.1 GI:2231227|Canis  
familiaris vascular anastomotic upregulated protein mRNA, partial  
cds.

GBCA0348 GenBank Acc|U83905|Ver|U83905.1 GI:2224908|Canis  
familiaris rod photoreceptor cGMP-gated channel alpha-subunit  
(CNGC1) mRNA, complete cds.

GBCA0349 GenBank Acc|D29807|Ver|D29807.1 GI:2182132|Dog mRNA  
for phenol sulfotransferase, complete cds.

GBCA0350 GenBank Acc|D45070|Ver|D45070.1 GI:633051|Dog mRNA  
for zona pellucida 3 glycoprotein, complete cds.

GBCA0351 GenBank Acc|Z75156|Ver|Z75156.1  
GI:1770164|C.familiaris mRNA for rod transducin gamma subunit.

GBCA0352 GenBank Acc|U50746|Ver|U50746.1 GI:2130524|Canis  
familiaris survival motor neuron protein (SMN) mRNA, complete cds.

GBCA0353 GenBank Acc|X97226|Ver|X97226.1  
GI:1279346|C.familiaris mRNA for orphan nuclear receptor dNGFI-B  
protein.

GBCA0354 GenBank Acc|U83141|Ver|U83141.1 GI:1916847|Canis  
familiaris decorin mRNA, complete cds.

GBCA0355 GenBank Acc|U83140|Ver|U83140.1 GI:1916845|Canis familiaris biglycan mRNA, complete cds.

GBCA0356 GenBank Acc|X98460|Ver|X98460.1  
GI:1403296|C.familiaris mRNA for arrestin (S-antigen).

GBCA0357 GenBank Acc|U77716|Ver|U77716.1 GI:1684844|Canis familiaris desmosome associated protein pinin mRNA, complete cds.

GBCA0358 GenBank Acc|U49458|Ver|U49458.1 GI:1229023|Canis familiaris CD34 mRNA, alternatively spliced exon, partial cds.

GBCA0359 GenBank Acc|X53616|Ver|X53616.1  
GI:1838957|C.domesticus calnexin (pp90) mRNA.

GBCA0360 GenBank Acc|X59998|Ver|X59998.1 GI:870|C.familiaris mRNA for amylin.

GBCA0361 GenBank Acc|X94608|Ver|X94608.1  
GI:1359588|C.familiaris mRNA for beta2-adrenergic receptor.

GBCA0362 GenBank Acc|U49457|Ver|U49457.1 GI:1224105|Canis familiaris hematopoietic progenitor cell marker CD34 mRNA, complete cds.

GBCA0363 GenBank Acc|U49359|Ver|U49359.1 GI:1305482|Canis familiaris cyclic-GMP phosphodiesterase gamma subunit (PDEG) mRNA, complete cds.

GBCA0364 GenBank Acc|Z75134|Ver|Z75134.1  
GI:1770162|C.familiaris mRNA for rod transducin beta subunit.

GBCA0365 GenBank Acc|U80800|Ver|U80800.1 GI:1737479|Canis familiaris keratinocyte growth factor mRNA, complete cds.

GBCA0366 GenBank Acc|L76184|Ver|L76184.1 GI:1237264|Canis familiaris galactocerebrosidase mRNA, complete cds.

GBCA0367 GenBank Acc|S81472|Ver|S81472.1 GI:1478374|c-yes=proto-oncogene [dogs, spleen, mRNA, 1742 nt].

GBCA0368 GenBank Acc|S77412|Ver|S77412.1  
GI:945182|CE5=epididymal secretory protein [dogs, epididymides, mRNA Partial, 484 nt].

GBCA0369 GenBank Acc|S77395|Ver|S77395.1  
GI:945180|CE4=epididymal secretory protein [dogs, epididymides, mRNA Partial, 552 nt].

GBCA0370 GenBank Acc|S77411|Ver|S77411.1  
GI:945178|CE1=epididymal secretory protein [dogs, epididymides,  
mRNA Partial, 1222 nt].

GBCA0371 GenBank Acc|S75369|Ver|S75369.1 GI:833923|tissue  
factor pathway inhibitor=factor Xa-dependent inhibitor of factor  
VIIa-tissue factor complex of blood coagulation [dogs, endothelial  
cells, mRNA, 1260 nt].

GBCA0372 GenBank Acc|S74068|Ver|S74068.1 GI:802044|tumor  
necrosis factor alpha [dogs, peripheral blood lymphocytes, mRNA  
Partial, 719 nt].

GBCA0373 GenBank Acc|S49738|Ver|S49738.1  
GI:233566|granulocyte-macrophage colony-stimulating factor [dogs,  
mRNA, 809 nt].

GBCA0374 GenBank Acc|U69963|Ver|U69963.1 GI:1546836|Canis  
familiaris delayed rectifier potassium channel protein mRNA,  
complete cds.

GBCA0375 GenBank Acc|X83591|Ver|X83591.1 GI:619067|C.canis  
Pax8a mRNA.

GBCA0376 GenBank Acc|X69164 L06479|Ver|X69164.1  
GI:402557|C.canis mRNA for mucin.

GBCA0377 GenBank Acc|X92448|Ver|X92448.1  
GI:1103636|C.familiaris mRNA for alpha-L-fucosidase protein.

GBCA0378 GenBank Acc|U57440|Ver|U57440.1 GI:1373261|Canis  
familiaris signal recognition particle component SRP14 mRNA,  
complete cds.

GBCA0379 GenBank Acc|L06130|Ver|L06130.1 GI:290083|Canis  
familiaris CD4 antigen mRNA, complete cds.

GBCA0380 GenBank Acc|X92505|Ver|X92505.1  
GI:1054712|C.familiaris mRNA for VIP17/MAL proteolipid.

GBCA0381 GenBank Acc|Z49944|Ver|Z49944.1  
GI:887407|C.familiaris mRNA for CDC42 GTP-binding protein.

GBCA0382 GenBank Acc|X80209|Ver|X80209.1  
GI:757783|C.familiaris mRNA for annexin XIIIf.

GBCA0383 GenBank Acc|Z46388|Ver|Z46388.1 GI:624249|Canis  
familiaris encoding vasodilator-stimulated phosphoprotein (VASP).

GBCA0384 GenBank Acc|X75094|Ver|X75094.1 GI:488788|C.canis mRNA for inositol-1,4,5-trisphosphate 5-phosphatase.

GBCA0385 GenBank Acc|X76392|Ver|X76392.1 GI:475061|C.familiaris VIP36 (vesicular integral-membrane protein of 36 kDa) mRNA.

GBCA0386 GenBank Acc|X77910|Ver|X77910.1 GI:457488|C.canis Thyroid Transcription Factor-1 mRNA.

GBCA0387 GenBank Acc|Z27110|Ver|Z27110.1 GI:415376|C.familiaris mRNA for Rab5c protein.

GBCA0388 GenBank Acc|X75479|Ver|X75479.1 GI:414018|C.familiaris dKlk-2 mRNA for kallikrein.

GBCA0389 GenBank Acc|Z12168|Ver|Z12168.1 GI:311336|C.familiaris mRNA for stimulatory GTP binding protein alpha subunit.

GBCA0390 GenBank Acc|X67813|Ver|X67813.1 GI:297767|C.familiaris SRP72 mRNA for signal recognition particle.

GBCA0391 GenBank Acc|X72933|Ver|X72933.1 GI:296088|C.domesticus mRNA for apolipoprotein H.

GBCA0392 GenBank Acc|X56994|Ver|X56994.1 GI:2191|Canine mRNA for calcitonin.

GBCA0393 GenBank Acc|X56386|Ver|X56386.1 GI:2189|Canine rab9 mRNA for ras-related GTP-binding protein.

GBCA0394 GenBank Acc|X63678|Ver|X63678.1 GI:941|C.familiaris mRNA for TRAM-protein.

GBCA0395 GenBank Acc|X51448|Ver|X51448.1 GI:938|Dog mRNA for putative transcription factor recognizing thyroglobulin promoter.

GBCA0396 GenBank Acc|X53529|Ver|X53529.1 GI:936|Dog mRNA for signal sequence receptor beta subunit (TRAP-complex beta subunit).

GBCA0397 GenBank Acc|X51367|Ver|X51367.1 GI:934|Canine mRNA for signal sequence receptor protein alpha subunit (TRAP-complex alpha subunit).

GBCA0398 GenBank Acc|X53744|Ver|X53744.1 GI:931|Canine mRNA for 68kDa subunit of signal recognition particle (SRP68).



GBCA0399 GenBank Acc|X16318|Ver|X16318.1 GI:928|Canine mRNA for signal recognition particle 54k protein.

GBCA0400 GenBank Acc|X56391|Ver|X56391.1 GI:926|Canine rho1 mRNA for ras-related GTP-binding protein.

GBCA0401 GenBank Acc|Z11922 S46784|Ver|Z11922.1 GI:923|C.familiaris mRNA for Ran.

GBCA0402 GenBank Acc|X56390|Ver|X56390.1 GI:921|Canine rac2 mRNA for ras-related GTP-binding protein.

GBCA0403 GenBank Acc|X56389|Ver|X56389.1 GI:918|Canine rab4b mRNA for ras-related GTP-binding protein.

GBCA0404 GenBank Acc|X56388|Ver|X56388.1 GI:916|Canine rab11 mRNA for ras-related GTP-binding protein.

GBCA0405 GenBank Acc|X56387|Ver|X56387.1 GI:914|Canine rab10 mRNA for ras-related GTP-binding protein.

GBCA0406 GenBank Acc|Y00399 M31636|Ver|Y00399.1 GI:911|Dog phospholamban mRNA, complete cds.

GBCA0407 GenBank Acc|X54915|Ver|X54915.1 GI:909|Dog mRNA for cytochrome P-450.

GBCA0408 GenBank Acc|Y00518|Ver|Y00518.1 GI:907|Dog mRNA for luteinizing hormone (LH) beta subunit.

GBCA0409 GenBank Acc|X14052|Ver|X14052.1 GI:905|Canis familiaris RDC8 mRNA for G protein-coupled receptor.

GBCA0410 GenBank Acc|X14051|Ver|X14051.1 GI:903|Canis familiaris RDC7 mRNA for G protein-coupled receptor.

GBCA0411 GenBank Acc|X14050|Ver|X14050.1 GI:902|Canis familiaris RDC5 mRNA for G protein-coupled receptor.

GBCA0412 GenBank Acc|X14049|Ver|X14049.1 GI:900|Canis familiaris RDC4 mRNA for G protein-coupled receptor.

GBCA0413 GenBank Acc|X14048|Ver|X14048.1 GI:898|Canis familiaris RDC1 mRNA for G protein-coupled receptor.

GBCA0414 GenBank Acc|X14047|Ver|X14047.1 GI:880|Canis familiaris mRNA for calcyphosine.

GBCA0415 GenBank Acc|X65860|S52101|Ver|X65860.1  
GI:878|C.familiaris mRNA for complement C5a receptor.

GBCA0416 GenBank Acc|X05297|Ver|X05297.1 GI:874|Dog kidney  
mRNA for (Na<sup>+</sup>/K<sup>+</sup>)-ATPase beta-subunit.

GBCA0417 GenBank Acc|Y00751|Ver|Y00751.1 GI:867|Mongrel dog  
mRNA for arginine esterase.

GBCA0418 GenBank Acc|X53592|Ver|X53592.1 GI:847|Dog mRNA for  
glycoprotein gp25L.

GBCA0419 GenBank Acc|X53591|Ver|X53591.1 GI:845|Dog mRNA for  
glycoprotein gp25H.

GBCA0420 GenBank Acc|X53564|Ver|X53564.1 GI:841|Canine mRNA  
for colipase.

GBCA0421 GenBank Acc|X65450|Ver|X65450.1 GI:839|C.canis mRNA  
for chloride channel.

GBCA0422 GenBank Acc|U27349|Ver|U27349.1 GI:1072034|Canis  
familiaris peripherin protein (RDS) mRNA, complete cds.

GBCA0423 GenBank Acc|U51644|Ver|U51644.1 GI:1263292|Canis  
familiaris thyrotropin beta chain mRNA, complete cds.

GBCA0424 GenBank Acc|L31625|Ver|L31625.1 GI:468903|Canis  
familiaris intercellular adhesion molecule-1 (ICAM-1) mRNA,  
complete cds.

GBCA0425 GenBank Acc|U49100|Ver|U49100.1 GI:1223907|Canis  
familiaris interleukin-12 p40 subunit mRNA, complete cds.

GBCA0426 GenBank Acc|U49085|Ver|U49085.1 GI:1223905|Canis  
familiaris interleukin-12 p35 subunit mRNA, complete cds.

GBCA0427 GenBank Acc|U42407|Ver|U42407.1 GI:1208550|Canis  
familiaris MHC class II DLA DQalpha chain mRNA, complete cds.

GBCA0428 GenBank Acc|U19872|Ver|U19872.1 GI:642069|Canis  
familiaris dihydrolipoamide: NAD<sup>+</sup> oxidoreductase mRNA, complete  
cds.

GBCA0429 GenBank Acc|U19368|Ver|U19368.1 GI:624684|Canis  
familiaris heat-shock protein (HSP27) mRNA, complete cds.

GBCA0430 GenBank Acc|U47060|Ver|U47060.1 GI:1184115|Canis  
familiaris caveolin-1 mRNA, complete cds.

GBCA0431 GenBank Acc|U29653|Ver|U29653.1 GI:1144185|Canis familiaris monocyte chemoattractant protein-1 mRNA, complete cds.

GBCA0432 GenBank Acc|U32086|Ver|U32086.1 GI:1143163|Canis familiaris vascular cell adhesion molecule-1 mRNA, complete cds.

GBCA0433 GenBank Acc|U41002|Ver|U41002.1 GI:1127825|Canis familiaris calcium activated potassium channel beta subunit protein mRNA, complete cds.

GBCA0434 GenBank Acc|U41001|Ver|U41001.1 GI:1127823|Canis familiaris calcium activated potassium channel protein mRNA, complete cds.

GBCA0435 GenBank Acc|U12234|Ver|U12234.1 GI:533776|Canis familiaris interleukin-6 (IL-6) mRNA, complete cds.

GBCA0436 GenBank Acc|U15662|Ver|U15662.1 GI:558915|Canis familiaris parathyroid hormone precursor mRNA, complete cds.

GBCA0437 GenBank Acc|U15593|Ver|U15593.1 GI:558476|Canis familiaris parathyroid hormone-related protein mRNA, complete cds.

GBCA0438 GenBank Acc|M21757|Ver|M21757.1 GI:972719|Canis familiaris factor IX mRNA, complete cds.

GBCA0439 GenBank Acc|U05779|Ver|U05779.1 GI:458274|Canis familiaris zona pellucida A protein mRNA, complete cds.

GBCA0440 GenBank Acc|U28141|Ver|U28141.1 GI:881935|Canis familiaris interleukin-2 mRNA, complete cds.

GBCA0441 GenBank Acc|L42173|Ver|L42173.1 GI:807605|Canis familiaris Na, K-ATPase alpha-1 subunit mRNA, complete cds.

GBCA0442 GenBank Acc|L42325|Ver|L42325.1 GI:825441|Canis familiaris (clone 27-1) prosomatostatin mRNA, complete cds.

GBCA0443 GenBank Acc|M88170|Ver|M88170.1 GI:717078|Canis familiaris cell adhesion molecule (GMP140) mRNA, 3' end.

GBCA0444 GenBank Acc|L28932|Ver|L28932.1 GI:561934|Canis familiaris CD44 variant, complete cds.

GBCA0445 GenBank Acc|L35267|Ver|L35267.1 GI:529029|Canis familiaris germline neuron glucose transporter 3 (GLUT3) mRNA, complete cds.

GBCA0446 GenBank Acc|L34956|Ver|L34956.1 GI:516071|Canine transforming growth factor-beta 1 (TGFB1) mRNA, complete cds.

GBCA0447 GenBank Acc|L23087|Ver|L23087.1 GI:349438|Canis familiaris E-selectin mRNA, complete cds.

GBCA0448 GenBank Acc|L13262|Ver|L13262.1 GI:290192|Canis familiaris rod cGMP phosphodiesterase beta subunit mRNA containing a nonsense mutation, complete cds.

GBCA0449 GenBank Acc|M95495|Ver|M95495.1 GI:290091|Dog Na/Cl-dependent taurine transporter mRNA, complete cds.

GBCA0450 GenBank Acc|M64083 M37032|Ver|M64083.1 GI:164102|C.familiaris zymogen granule membrane protein GP-2 mRNA, complete cds.

GBCA0451 GenBank Acc|M90047 M29958|Ver|M90047.1 GI:164100|Dog thyrotropin receptor variant (TSH) mRNA.

GBCA0452 GenBank Acc|M29957|Ver|M29957.1 GI:164098|Canine thyrotropin receptor (TSH) mRNA, complete cds.

GBCA0453 GenBank Acc|J05069|Ver|J05069.1 GI:164083|Canine 21 kDa signal peptidase subunit mRNA, complete cds.

GBCA0454 GenBank Acc|J05466|Ver|J05466.1 GI:164081|Dog microsomal signal peptidase complex (SPC 18) mRNA, complete cds.

GBCA0455 GenBank Acc|J04067|Ver|J04067.1 GI:164079|Dog microsomal signal peptidase (SPC22/23) mRNA, complete cds.

GBCA0456 GenBank Acc|M96629|Ver|M96629.1 GI:164069|Canis familiaris sec61 homologue mRNA, complete cds.

GBCA0457 GenBank Acc|M35522|Ver|M35522.1 GI:164057|C.familiaris GTP-binding protein (rab7) mRNA, complete cds.

GBCA0458 GenBank Acc|M35520|Ver|M35520.1 GI:164055|C.familiaris GTP-binding protein (rab5) mRNA, complete cds.

GBCA0459 GenBank Acc|M35521|Ver|M35521.1 GI:164053|C.familiaris GTP-binding protein (rab2) mRNA, complete cds.

GBCA0460 GenBank Acc|M35302|Ver|M35302.1 GI:164047|Canine lipase mRNA, complete cds.

GBCA0461 GenBank Acc|M35301|Ver|M35301.1 GI:164041|Canine phospholipase A-2 mRNA, complete cds.

GBCA0462 GenBank Acc|M92447 M33575|Ver|M92447.1  
GI:164039|Canis familiaris cytochrome P-450 IIB (P450IIB) mRNA, complete cds.

GBCA0463 GenBank Acc|M98392|Ver|M98392.1 GI:164037|Canis familiaris oligosaccharyltransferase 48 kDa subunit (OST48) mRNA, complete cds.

GBCA0464 GenBank Acc|M80403|Ver|M80403.1 GI:164031|Canis familiaris Na<sup>+</sup>- and Cl<sup>-</sup> dependent betaine transporter mRNA, complete cds.

GBCA0465 GenBank Acc|L03387|Ver|L03387.1 GI:164025|Canis familiaris (clone pCTM-A) mucin c-terminus RNA, 3' end.

GBCA0466 GenBank Acc|M29611|Ver|M29611.1  
GI:164022|C.familiaris MHC class II DLA-DR-beta-1 gene, complete cds.

GBCA0467 GenBank Acc|M32283|Ver|M32283.1 GI:164004|Dog MHC class I DLA-A9/A9 alpha-chain mRNA, complete cds.

GBCA0468 GenBank Acc|L11568 M36978|Ver|L11568.1 GI:163958|Dog H<sup>+</sup>,K<sup>+</sup>-ATPase mRNA, complete cds.

GBCA0469 GenBank Acc|M55251 M38757|Ver|M55251.1 GI:163953|Dog glycoprotein 80 (gp80) mRNA, complete cds.

GBCA0470 GenBank Acc|M33826|Ver|M33826.1 GI:163949|Canine blood clotting factor IX mRNA, complete cds.

GBCA0471 GenBank Acc|M55410|Ver|M55410.1 GI:163917|Dog CD3 epsilon subunit mRNA, complete cds.

GBCA0472 GenBank Acc|M17178 J02794|Ver|M17178.1 GI:163904|Dog apolipoprotein C-III mRNA, complete cds.

GBCA0473 GenBank Acc|M17177 J02794|Ver|M17177.1 GI:163902|Dog apolipoprotein C-II mRNA, complete cds.

GBCA0474 GenBank Acc|U12687|Ver|U12687.1 GI:533110|Canis familiaris signal peptidase complex 25 kDa subunit (SPC25) mRNA, complete cds.

GBCA0475 GenBank Acc|L25086|Ver|L25086.1 GI:459747|Canis familiaris Sec61-complex gamma-subunit mRNA, complete cds.

GBCA0476 GenBank Acc|L25052|Ver|L25052.1 GI:459745|Canis familiaris protein translocation complex beta subunit mRNA, complete cds.

GBCA0477 GenBank Acc|U01153|Ver|U01153.1 GI:403496|Canis familiaris GRP94 mRNA, complete cds.

GBCA0478 GenBank Acc|M76486|Ver|M76486.1 GI:163908|Dog (H+,K+)-ATPase beta-subunit mRNA, complete cds.

GBCA0479 GenBank Acc|L23429|Ver|L23429.1 GI:437330|Canis beta-galactosides-binding lectin (LGALS3) mRNA, 3'end.

GBCA0480 GenBank Acc|L19740|Ver|L19740.1 GI:304651|Canis familiaris Kv1.2 delayed rectifier K+ channel mRNA, complete cds.

GBCA0508 GenBank Acc|AY262732|Ver|AY262732.1 GI:30172035|Canis familiaris 18S ribosomal RNA gene, partial sequence.

# TABLE 36

>GBCA0001 |Acc|AJ388541|Ver|AJ388541.1 GI:5441584|Canis familiaris 28S rRNA gene, clone BC50.

GCGGGGCGGGGGGTTGCGGGCGGGGCCCCGGCGGGGAGGTCCCCCGGGGGCCCGGGGCCACGG  
GGGCCCCGGGCACCCGGGGGGCGGGCGGGCGGGCGACTCTGGACGCGAGCCGGGGCCCTCCCGTGGATCG  
CCCCAGCTGCGGGCGGCGTTCGCGGGCCGACCCGGGGAGCCCGCGGGGCGCGCGCCCGCGCGCGCGC  
GCGCCGTGCGCGG

>GBCA0002 |Acc|AF394784|Ver|AF394784.1 GI:32400686|Canis familiaris desmoglein 3 (DSG3) mRNA, complete cds.

AGCAAAGGGCTTTTCTTAGACATATGCAGACAGTTGGAAGGATCCAAGCAGCAGCTTCCTTGGATTTCGTC  
CAGCAGGGAAATCAGAGAAAATGACTTGGCTCCTGTTTCAGAACATCAGGGGCTCTGGCCATTTTAATGGT  
GCTCATACTGGTTCATGGAGAATTGAGAAATAGAGACAAAGGGTCAACATGGAGAAGATGAGACTGCAATA  
CAAGGCAGAAGGAGATACAAACGTGAATGGGTGAAATTTGCGAAACCTGCAGAGAAAGGGAAGACAATTC  
CCAGAAGAAATCCAATTGCCAAAATTACTTCAGATTTCCAAGCAACTCAGAAAATTACCTATCGAATTTTC  
TGGAATGGGAAATGATCAACCCCTTTTGGAAATCTTTGTTGTTGACAAAAACACTGGAGAAAATAAACATA  
ACAGCCATAGTTGATCGTGAGGAAACTCCAAGCTTCCAGATTACGTGTCTGCTCTAAATGTCTTAGGAC  
AAGATGTAGAGAAACCACTTATATTAACAGTTAAAATTTTAGATGTCAATGACAATGCTCCAGTATTTTTC  
ACAAAGTATATTCATGGGTGAAATTGAAGAAAATAGTGCTTCAAACCTCACTGGTGATGATATTAATGCC  
ACAGCGCAGATGAACCAACACCTGAATTCTAAAATTGCCTTCAAATTTGTCTCTCAGGAACCTGCAG  
GCACACCCATGTTCTCTTAAGCAGACACACTGGGGAAGTCCGTACTTTGACCAATTCTCTTGATAGAGA  
GCAAGTTAGCAGCTATCGTCTGGTTGTGAGTGGTGCAGACAAAGATGGAGAAGGATTATCAACTCAATGT  
GAATGTAGTATCAAAGTGAAAGATGTTAATGATAATTTCCCAATGTTCAAAGAATCTCAGTATTCAGCAC  
ATATTAAGGAAAATACTTTAACTTCTGAGTTGCTTCGATTTCAAGTTATAGATTGGGATGAAGAATTCAC  
AGATAATTGGCTTGCAGTGTATTTCTTACTTCTGGAATGAAGGGAATTGGTTTGAATAACAACTGAT  
CCCAGAACTAATGAAGGCATTCTGAAGGTGGTTAAGGCTCTAGATTATGAACAACACAAAGTGTACAAT  
TTAGTATTGCTGTCAAAAACAAAGCTGAATTTACCAATCAGTAATTTCTCAGTATCAAGTGAAGTCAAC  
ACAGATCAGATTCAAGTAGTCAATGTGAAAGAAGGAATTGCATTCCATCCTGCTTCCAAGACATTCAC  
GTGCGGAAAGGCATAAGTAGTAAAAAACTGGTCAATTATGTCTTGGGAACATATCAAGCCATTGATGAAG  
ACACTAACAAAGCTGCCTCATATGTCAAGTATGTCTATGGGACGTAATGATGGTGGTTTACTATTCAATTGA  
TCCAAAACCTGCTCAAAATCAAATTTGTGAGAAACATTGATCGGGATTCTACTTTTCATAGTTAACAAGACA  
ATCAAGACTGAGGTTCTGGCCATTGATGAAAACACAGGTAAACTGCTACAGGCACCATATATGTTGAAG  
TACCTGGTTTTAATGAAAATTGTCCAACAGTTGTCTTGAAGAAAGCAATTTGTAGTTCACTACGTTTC  
TGTGGTTGTCTCAGCTAGAGTACCAGACATAAATATACTGGCCCTACACATTTTCCCTGGAGGAACAA  
TCTCTAAAACCTGCCAGTTGTGTGGAGTATCACAACACTCAATGCTACTTCTGCACTCCTAAATGCCGAGC  
AGCAGTATCTCTCGGAGAGTACACCATCTCCCTCAGAGTTACTGACAGTCAGGATAGACAGTGTGAGAC  
ACCGGAGAGCCTGACCCTGGAAGTCTGCCAGTGTGACAACAGGGACATCTGTAGATCTTCTAATGGGAAC  
AAAGACTATGAACCTCTAGATGGAAGAGGCCATCAGGGAGGCTGGGGTCTGCAGCCATTGGCCTGCTAC  
TCCTTGGTCTTTTGCTGTTGCTATTGGCCCCCTTCTGCTGCTGACCTGTGACTATGGGGTGGGTCTCTAT  
TGGGGGAGTGACAGGAGGATTTATCCAGTTCTGATGGTTTCAAGGAACAATTCATCAGTGGGGAATC  
GAAGGAGCCCAACCTGAAGACAAGGAAATCACAATATTTGTGTGCCACCTATAACTACCAGTGGAGCCG  
ATTTTCATGGAATAATCTGAAGTTTGTACAAATACATATGCTGGAGGGACAGTGGTGGAGGAGCCTCGGG  
AATGGAACCTGACCACCAAGCTTGGAGCAGCTACAGGATCTGGAGCGGCTGCAGGATTGGAGCAACTGCA  
GGATTTGGAGCAGCCACTGGACTGGGTATTGGTTCTGCGAGGACAGTCTGGAACATATGAGAACAAGGCATT  
CCACAGGAGGAACCAATAAAGACTATGGTGAAGGAGCAATAAGCATGAATTTCTGGATTCTATTTTTTC  
TCAGAAAGCATTTGCCTGTGTCAGAGGAAGATGATGTCCAGGAAGCAAATGACTGCTTGTGATCTATGAT  
AATGAAGGAATGGGTGCCCCAGTTCTCCCGTGGGATCCTTGGGTTGTTGTCAGTTTTATTGCTGATGAGC  
TGGATGACAGTTTCTTGGACTCACTCGGCCCAAAATTCAAAAAATTCAGAGATAAGCCTCGGGATCGA  
TGACGAAGCCAAACAATCTCAGCCACTTTCCAAAGCCAGCCTTTCTGGGATGGAATCCTGTGGCTATTCC  
CTAGAAGTCCAACAGCCAGAATCTGTTAGGGGCCAGACTTTGTTAGGCAGTCAAGGAGCTTCCGCTTTGT  
CTGCTTCCAGCTCTGTTCTCCAATCAGCCACTTCCATTCCCAACCTGTGCAACATGGTAGCTATATGGT  
AACAGAGACTTACTCAGCCTCTGGTTCTCTCGTGCAACCTACCACTACAGTCTTGGAGCACTACTCAGC  
CAAAATGTGACAGTGACAGAAAGAGTGATTTGTCCATTTCCAATGTTTCTGGCAACCTACAAACTCCGA  
TGGAGCTACGGGGTACGTAATATGATCTGTACAGAAGATCCTTGTTCCTGCTGATATGACCAAAATG  
AAATAGAATAATATATGACCGAATATAAATATTGGACCAAAATGCTCAAAGTAGCATAGCAAAGCTCA  
CAGTATTGGTCTAATTGGACACTTATTTGGTACTCTCCTAACTAAGCTTGATTAAATTTCTAGTAAAT  
ATCCCCAACTGGACATGTTGTCACTCTTACTTCTCAAATACCATTCAAGTAGTAGTAAATCTTGATGTT  
TT

>GBCA0003 |Acc|AY164732|Ver|AY164732.1 GI:32331264|Canis familiaris RTN1-C (RTN1) mRNA,



complete cds.

CGCGGCCACCGCAGCCCTGCCGCTGCAGCCGGGGCGCGACCTGAGCGCCCGCTCCGCGCCCCGAGGA  
CAGCGCCGGCCACCCCGACGCCCCGACCATGCAGGCCACGCGCGATTTACCAAGATGGACTGTGTGTGG  
AGCAACTGGAAAAGTCAGGCTATTGACCTGCTCTACTGGCGGGACATCAAGCAGACCGGGATCGTGTTCG  
GGAGCTTCTGCTGCTGCTCTTCTCCCTGACCCAGTTCAGCGTCTGAGCGTCTGTCGCTTACCTGGCCCT  
GGCCGCACTCTCGGCCACCATCAGTTTCCGCATCTACAAGTCTGTTTTACAAGCAGTGCAGAAAACCGAC  
GAGGGCCACCCCTTCAAGACCTACTTGGAGCTCGAGATCACGCTTTCTCAGGAGCAGATCCAGAAGTACA  
CGGACTGCCCTGCAGTTCTATGTGAACAATACACTGAAGGAAGTGAAGGAGGCTCTTCTTGTCCAAGACCT  
GGTGGATTCTTAAATTTGCAGTCTGATGTGGCTCCTGACTTACGTTGGCGCTCTCTTCAATGGGCTG  
ACCCTGCTGCTCATGGCTGTGGTTTCAATGTTTACTCTACCCGTAGTGTATGTTAAGCACCAGGCACAGA  
TTGACCAATATCTGGGACTTGTGAGGACTCACATAAATACTGTTGTGGCGAAGATTCAGGCTAAAATCCC  
AGGCGCTAAAAGGCATGCTGAGTAAATCGATGTCCACCGGGGATTGGACACAAACCAGAATGTCTGGAG  
TGGTAACAGCTCTTCTTACATGTTACTGCAAAATGATTGTTTCTCCCCCAATACCGTAATCTTAGAGAC  
AAACTTTAAACAGCTGTTTTTAGGCTGTTCTCTGATCTTAAAGATATTTGAGTCACTTGTGTCAAGCAC  
TAAAGTATAGAGAAAAGTGTATTAGATCTGGTTTTAATTTTGTGTTGCTAAAAAAAAGTGCATGATGGTG  
AGAGCCCAACTTATTTTCTCTTCTCGGTGTTCTCCTCT  
>GBCA0004 |Acc|AY296484|Ver|AY296484.1 GI:31580770|Canis familiaris tyrosine kinase  
receptor c-KIT mRNA, complete cds.  
CTCAGAGTCTATCGCAGCCACCGCGATGAGAGGCGCTCGCGGCGCCTGGGATTTTCTCTGCGTCTCTGCTC  
CTGCTGCTGCTGCTCGGCGTCCAGACAGGCTCTTCTCAACCATCTGTGAGTCCAGGGGAACCGTCTCTCC  
CATCCATCCATCCAGCAAAATCAGAGTTAATAGTCAGTGTGCGGCGACGAGCTTAGGCTGTCTCTGCACCGA  
CCCAGGATTTGTCAAGTGGACTTTTGAGACCCTGGGTCAACTGAATGAGAACACACACAACGAATGGATC  
ACAGAGAAGGCAGAGGCTGGCCACACGGGCAATTACACGTGCACCAACAGAGATGGCTTGAGCAGGTCCA  
TTTATGTGTTGTGTCAGAGATCCTGCAAAGCTTTTCTCGTTGACCTTCCCTTGATGGGAAAGAAGGCAA  
TGATACGCTGGTCCGCTGCCCTCTGACGGACCCAGAAGTGACCAATTACTCCCTCAGGGGGTGCAGGGGG  
AAGCCTCTTCCCAAGGACTTGACGTTCTGCTGCTGATCCCAAAGCTGGCATCACGATCAGAAACGTGAAGC  
GCGAGTATCATCGGCTCTGCTTGCAGTCTCTGCGGACCAGAAGGGCAGGACGGTGTCTTCAAGAAATT  
CACCCCTGAAAGTGAGGGCAGCCATCAGAGCTGTACCAGTTGTGTGATGATCCTTCAAGCTCTCTCCTG  
AAGGAAGGGGAAGCCTTCTCTGTGATGTGCTTTATAAAAGATGTGTCTAGTTTCTGTTGACTCGATGTGGA  
TAAAGGAAAACAGCCAGACATAATGCACACAGACACAGAGTAATAGCTGGCATCATGGTGACTTCAATTT  
TGAACGTGAGGAAAAGTTGATTATCAGCTCAGCAAGAGTTAATGATTCTGGAGTGTTCATGTGTTACGCC  
AATAATACCTTTTGGATCAGCAAAATGTCAACAACCTTGAAGTAGTAGATAAAGGATTCATTAATATCT  
TCCCCATGATGAGTACTACAATATTTGTAATGATGGAGAGAATGTGGATCTGATTGTTGAATATGAGGC  
ATATCCCAAGCCGAGTAGATTTGGTATTTCTGTCCAGGAGCTGAGCAGAGATGTTCTGTCTCCCTATTGGGC  
CCCAAGTCTGACAATGAAAGTAATATCAGATATGTGAGTGAACCTTCTTACCCAGATTAAAAGGGAACG  
AAGGAGGCACTTACACATTTCAAGTGTCCAATTCCGATGTCAATTCTTCGTGACATTTAATGTTTATGT  
GAACACAAAACAGAAATCCTGACTCATGAAAGTCTCAAAATGGCATGCTCCAGTGTGTGGTTGCAGGA  
TTCCCGAGAGCCCGCAGTAGATTTGGTATTTCTGTCCAGGAGCTGAGCAGAGATGTTCTGTCTCCCTATTGGGC  
CAATGGATGTGCAGATGCAAAACTCGTCTCTGTCCCGTCTGGAAAAGTGTGGTTTCAAGATTCCATCGA  
TTATAGTGCTTCAAGCACATGGCACAGTCAAGTGTAGGGCTTACAACAATGTAGGCAGGAGTTCTGCCC  
TTTTTTAACTTTGCATTTAAAGGTAACAGCAAAGAACAAATCCATCCCCACACCTGTTTACACCTTTGC  
TGATTGGCTTTGTGATCGCAGCTGGAATGATGTGCTTATCGTGATGATTCTTACCTACAAGTATCTACA  
GAAACCCATGTATGAAGTACAGTGAAGGTTGTTGAGGAGATCAATGGAAACAATTATGTTTACATAGAC  
CCAACACAGCTTCTTACGATCACAATGGGAGTTTCCAGAAACAGGCTGAGCTTTGGGAAAACCTTTGG  
GTGCTGGTGCCTTCGGGAAAGTGGTTGAAGCCACTGCATATGGCCTGATTAAGTCGGATGCGGCCATGAC  
TGTTGCCGTTAAGATGCTCAAACCAAGTGCCATTTAACCAGAACGAGAAGCCCTAATGTCTGAGCTCAA  
GTCTTGAGTTACCTCGGTAATCATATGAATATTGTGAATCTTCTTGGAGCGTGCACCGTTGGAGGGCCCA  
CCTTGCTCATTACTGAATATTGTTGCTATGGTGTCTTTTGAATTTTTTGGCAAGGAAACGTGATTCAAT  
TATTTGCTCAAAGCAGGAAGATCACGGAGAAGTGGCACTTTATAAGAACCTTCTGCATTCAAAGGAGTCT  
TCTGCACTGAGTACTAATGTAATACATGGAATGAAACCCGGCGTTTCTTACGTTGTGCCAACCAAGG  
CAGACAAAAGGAGATCTGCGAGAATAGGCTCATACATAGAAAGGGATGTGACTCCTGCCATCATGGAAGA  
TGATGAGTTGGCTCTAGATCTAGAGGACTTGCTGAGCTTTTCTTACCAGGTGGCCAAGGGTATGGCATTC  
CTGGCTCGAAGAATTGTATTCACAGAGACTTGGCTGCTAGAAATATCTCCTTACTCATGGTTCGAATCA  
CAAAGATTTGTGATTTTGTGTTAGCTAGACATCAAGAATGATTCTAATATGTGGTCAAAGGAAACGC  
TCGGCTACCTGTGAAGTGGATGGCCCCCTGAGAGCATTTTCAACTGTGTGTACACATTTGAAAGTGTGTC  
TGGTCTATGGGATTTTTCTGTGGGAGCTCTTCTCTTTAGGAAGCAGCCCCCTACCCTGGGATGCCAGTGC  
ATTCAAAGTTCTACAAGATGATCAAGGAAGGGTTCCGGATGCTCAGCCCTGAGCATGCACCTGCTGAAAT

GTATGACATCATGAAGACGTGCTGGGATGCTGATCCCCGTAAGAGGCCGACGTTCAAGCAGATCGTGCAG  
 CTAATTGAGAAGCAGATTTTCAGATAGCACCAATCATATTTATTCCAACCTCGCGAACTGCAGCCCCAACCC  
 CAGAGCGCCCCCGTGGTGGACCATTCCGTGCGGATCAATTCCGTGGGCAGCAGCGCGTCTTCCACCCAGCC  
 TCTGCTGGTACACGAAGATGTGTGAAGCAGGAGGAGTGCCGGGGGTCTCCCCAACAAAGAGCGAT  
 >GBCA0005 |Acc|AB112349|Ver|AB112349.1 GI:31745046|Canis familiaris irsp53s mRNA for  
 insulin recptor substrate p53 short form, partial cds.  
 CAGTACATCGACGCCATCAGCAACAAGCAGGGCGAGCTGGAGAACTACGTGTGCGACGGCTACAAGACGG  
 CCCTGACCGAGGAGAGGAGGAGGTTCTGCTTCCTGGTGGAGAAGCAGTGCGCCGTGGCCAAGAACTCGGC  
 CGCCTACCACTCCAAGGGCAAGGAGCTGCTGGCACAGAACTGCCACTATGGCAGCAGGCCTGCGCCGAC  
 CCAACAAGATCCACAGCCGCGCGGTGCAGCTGATGCATCAGATGGCCTGCAGTAACGGCTCCGTCTCTCC  
 CCAGCGCCCTGTGCGGCTTCCAAGTCCAGCCTGGTTCATCTCAGACCCATTCCCGGGGCCAAGCCCTTGCC  
 GGTGCCCCCTGAGCTGGCCCCGTTTGTGGGGCGGCTGTCTGCCAGGAGAGCAGCCCCGTATGAATGGC  
 GTCTCGGGCCAGATGGCAAGGACTACAGCCCCGTGGGCGACCCGAAGGCCGCCAGCCCCAAGACCTGT  
 CTCCTCCACAGTACAGAGCAAGCTGAGCGACTCTTACTCCAACACGCTTCCCCGTGCGCAAAAGCGTGCC  
 TCCGGAGAACAGCTACGCAGCCACTGAGAACAAGACCCCTGCCGCGCTCCAGCTCCATGGCGGCTGGCCTG  
 GAGCGCAACGGCCGCATGCGAGTGAAAGCCATCTTCTCCACGCGCGCGGGGACAACAGCACCCTGCTGA  
 GCTTCAAGGAGGGAGACCTCATCACCCTGCTGGTGCCTGAGGCCCGGGACGGCTGGCACTACGGCGAGAG  
 CGAGAAGACAAAATGCGGGGTTGGTTTCCCTTCTCTACACCCGGGTCTGGACGGCGACGGCGCGGAC  
 AGATTGCACATGAGCCTGCAGCAGGGAAAGAGCAGCAGCAGCGGGGAACCTCCTGGACAAGGAGGACCTGG  
 CCTCCCGCCCCCGACTACGGCACGTCATCCCGTGCCTTCCCTGCCAGACGGCCGGTACCTTCAAGCA  
 GAGGCCCTACAGCGTGGCTGTGCCTGCCTTCTCCAGGGTCTAGATGACTACGGAGCACGGGCTGTGAGC  
 AGCGGCAGCGGCACGCTGGTGTCCACAGTGTGAGGACGCTGACCACGGGCAGCCGCTGCTCGAAAGAGC  
 AATCCGAATT  
 >GBCA0006 |Acc|AY102170|Ver|AY102170.1 GI:31321926|Canis familiaris polycystin 1 (PKD1)  
 mRNA, complete cds.  
 CCTGACGATGCCCGCCCGCGCCCGCGCTGGCGCTCGCCCTGGGCCTGGGCCTGTGGCTCGGGGCG  
 CTGGCGGGGGGCCCCGGGCGCGGCTGCGGCCCGTGCAGCGCCCCCTGCCCTGTGCGGCCCTGCGCCCGGCG  
 CCGCTGCGCGCTCAACTGCTCGGGCGGCGGACTGCGGACGCTCGGACCCGCGCTGCGCATCCCCGCCCGC  
 CGCCACCGCGCTAGACGTCTCCACAACTGCTCCGGGCATTGGACGTTGGGCTCCTGGCAAACCTCTCT  
 GCACTGACAGAGCTGGATATCAGTAACAACAAGATTTCAACTCTAGAAGAAGGAATATTTTCTAACTTAT  
 TTAAGTAAAGTAAATAAACTGAGCGGAAACCCGTTGGAGTGTAAGTGCAGGCTGCGGCTGGCTGCCTCG  
 CTGGGCGAAAGAGCAGCAGGTTACGTTGGTTCGGCCTGAGGCGGCCACGTGTGCTGGGCCCCGCCCTTA  
 GCTGGCCAGCCCCCTCTCGGGGTCCTTGTGGATGGTGGCTGTGGTGAGGAGTACATTGCCTGCCTCC  
 CTGACAACAGCTCGGGTGTGCTGGCGCTGGTGGCTTCTCAGCCGCCACGAGGGCCACTGACGCCCGCA  
 GGCTGCGGCTGCCTTCTGTTTTGCGGCTGGCAATGGCCTTGGGGCTTCTCAGACCAGGGCTGGTGCCTG  
 TGCGGGGCGGCCAGCCCCCAACACCTCCTCAGCCTGCCTGCCCTTCTGCTCCGGCGCCCCACTGCCCC  
 TTGCCCTGCGTGTGGGGGCCCACTCTCCTCCAGAACATCTTCCCCGCTCCCCAGGGGCCGCCCTGGT  
 GGGGCTCAGGGACCCCTGGCCTCTGGCCAGCCAGCAGCCTTCCATGTCACTGCCTCCCTGCCCGTCAAGC  
 TCCACACGCTGGGACTTCGGTGATGGCTCCCCAAGGTGGACATTGCTGGTCTGCCACCACTCACCGCT  
 ACCTGCTGCCCGGGCTCTATCAGTGACTGTTGTGCTGGCCCTGGGGGCTGGCTCAGCCAGGTAGAGAC  
 CCAGGTGCAGTGGAGGCGGCCCTGCCTCCCTGGAGCTCACGTGCCCTCACCTCGGTGCGCAGCGATGAG  
 ACCCTCAAGTTTGGCATCCGAAATCGTGGCGGCTCGGACCTGGAAGCCACATACAGCATTGTGGCTGTGG  
 GCGAGGAGCCAGCCCAAGACCCCGCAGTGGTGCATCCGCTGTGCCCTCGGACACCGTCACTTCCCTGG  
 TAATGGGCACTGCTACCGTCTGGTGGCAGAGAAGGTGCTGGCTGCAGGCGCAGGAGCAGTGCCGGGCC  
 TGGGCTGGGGCGGCCCTGGCCATGGTGGACAGTCCCGCATCCAGCACTTCTGGTCTCCAGGTACCA  
 GGAGCTGGAGCTGTGGATCGGCTTCTCAGCCGTGGAGGGGGCGAGGCGGGGCCCGGTGGTGCAGGGTGC  
 CGCTTTCAGCCTCGAGAGCTGCCAGAACTGGCTCCCCGGGGAGCCGACCCCGCCACCGCCGAGCGCTGC  
 GTGCGGCTCGGGCCTGCGGGCAGTGCAACACGGACCTGTGCTCGGCGCCCCATAGCTACGTCTGCGAGC  
 TGCGGCTCGAGGTCCTGTTGGGACGCGGAGAACTTCTCGTGGGAGCGCCCATGGGGACCTGCAGGG  
 ACCCTTGAGCCCCCTGGCAGCAGGAGGCCCCCTCGGCCCCCAGGAGCTTATCGAGGTGATGGTGTTC  
 CCCAGCCTGGGGCTGAGCAGGGAAGCCTTCTCAGTGCAGCTGAGTTTGGCACCCAGGAGCTGCGCCGCG  
 CCACCCAGCTGCGACTGCAGGTGTTTGGGCCGTGGGAGAAGCAGGGGGCCCCAGGGAACAGCAGGGAGCC  
 TGAGAGTGGGTCCCCGGGAGAGCCGGACTGAGTCACTCCCTGAGTGCACCCAGAGGGACGCTGGTGGCCC  
 AGAGCCAGTATCCACCTGACCCAGATGACCCCTCGGGCCCCCTGGGCTGTGCCAATGGGTCCATGTCTG  
 GGCCAGGACTCCCCGGGGCTCCTGTGTGCTGCTGAGGGAGTTTCTTCTGTACCGGCGGGTCTCTCC  
 TTCCAGTACTCAGTACCTTCCGTGGCCAGGACGGGCCCTGAAGCCTGGTGCCTCATCGCCCTGCAG  
 CATGACGCGGGACAGGTGCCCTTCTGTGCTGCTCTCCAGCACTTGGTGGCCCTGGGGCTGAGGCCCCCT

ACTTTTCCGCCACCTCCCCGGCCTGGCTGGTGACCTCCCTGCTCAGCTGGAGGCAGCCCCGGCTGGCCC  
 AGCCTGTGCCTTGGCGCTGCTTGTGGCTACAGAGCGCCTCACCACCTCCTGGGCCTGCGGCCCAACCCA  
 GGGCTGCGGCGGCCTGGGCGCTATGAGGTCCGGGCCACCGTGGGCAACAGCGTGTCCACACAACTGT  
 CCTGCAGCTTTGACGTGCTCTCCCCGTAGCTGGGTTGCGTGTGCGCCACCCGATCCCCACGACGGCCG  
 CCTCTACGTGCCACCAACAGCTCAGTCTTGGTGCTCCAGGTGGACTCTGGCACCACGCCACCGCCACG  
 GCGCGCTGGCCTGGGGGCAATGCCAGTGACCCCTTTGAAGCCACCTGCCCTGCCACAGTGGCTGCCCTGG  
 TACCCAGCTGCACCTTTGAGGCCAATGACACCCCTGTTTGGCGGTGCTTGTGCTGCCCTGGGCTCAGCGAGGG  
 TGAGCACGCGGTGGAGATCATGGTGGAGAACAGCGCGGCCACGCCAACCTCAGCCTGCGGGTCAAGGCC  
 GAGGAGCCCATCTGTGGCCTTCGTGCCGCCCCAGCCCCGAAGCCCGTGTGCTGCAGGGAGTCTTGGTGA  
 GGTACAGCCCCGTGGTGGAGGCCGGCTCTGATGTGGTCTTCCGCTGGACATTGATGACAAGCAGTCCCT  
 GACCTTCCACAACGTGGTCTTCAACGTCTACCAAGTGTGCGCTCTTCAAGCTCTCGCTGACGGCC  
 TCCAACCAGCTGAGCAACGTACCCGTAATTTACAATGTACCCGTGGAGCGGATGCACAAGATGAAGGGCC  
 TTCGGGTGTCTGCCCTGCCACCCGTGTTGCCCTCCCAACACGACTCTGGAGCTGGCCGCGCAGCTGCTGGT  
 GGACTCAGCTGTGGAGGTGGCCTTTCTGTGGACCTTTGGGGATGGGGATCAGGTGCTCGGCCAGTTCAAG  
 CCTCCATACAATGAGTCTGGGTCCAGACCCACGGTGGCCAGGTGCTGGTGGAGCACAGTGTACAC  
 ACGTCTATGCTGTCCAGGTGAGTACAACCTGACCCCTGCTGGTGTCCAACGCCTTTGAGAACCTGACGCA  
 GCAAGTGCCTGTGAGTGTGCGCGCCACCTTACCTGCGGTGGCTGTGGCTGTGGGAAGCCACGTCTTGGT  
 GCTGGGCAGCCTGTACCTTCTCCCCACACCCACTGCCTTACCTGGGGGCATTTTGTACAGTGGGACT  
 TTGGGGATGGCTCCCGTCCCTTGGCGTGGTCTTATCAAGCCATGTGAACAAGGCCATTACTTACCA  
 TTACCGCATCCATCTGGAGGTGAACAACACGGTTAGCAGTGTGACAGCGTGGACCAGCGTCCGCGTCTTT  
 GAGGAGCTCCGAGGCCGTGAGTGTGAGCCTGAGCCCATCTGTGAACAGGGTGCGCCCGTGACGGTCAAGC  
 CCACCTTGGAGTGGGAGACAACGTACGTGGACTTTTGACATGGGGGATGGCACCCTGCTTGTGGGCC  
 CGAGGCCATGGTGGAAACACGTTTACCTGCGGGCACAGAACCACACGCGTGACCGTGGGCGTGTCCAGCCCT  
 GCGGGCTACCTGGCCCTGAGCCTGCCTGTGCACGTCTTCTGCTGGAGGTGCTGCGGATTGAGCCTGCGG  
 CCTGCATCCCTGTGACGCCCCACACCTGGTTCATGGCCCCAGCTACCCGGGACCCCTGCCACTACATCTT  
 TGACTGGACGTTCCGGGATGGGTTCATCAACACGACCATCTTTGGGGACCCAACGGTGACACACAATTT  
 ACACGGAGCGGAACGTTCCCTTGGCGTGGTCTTATCAAGCCATGTGAACAAGGCCATTACTTACCA  
 GCGTCTGCGTGGAGCCCCGAGGTGGGCAACGTACCCCTGTGGCCGAGAGGCAGTTTGTGCGCCTCGGGGA  
 TGAGGCCCATCTGGTGGCTCGCGCCTGGCCCCCTTCCCTACCGTTATACCTGGGACTTTGGCCCTGAA  
 GACGCGCCCCGTGTTGGGGGCCCGAGGCCACGTTACCTATGCGGACCCAGGTTCTTACCTGGTGACGG  
 TCGTGTCTCCAACAACATCTCGGCCGCCAATGACTCTGCACTCGTGGAGTGGAGGAGCCCGTGGAGCT  
 CACGGGCATTGGGGTCAACGGCTCTGGTGTGCTCGAGCTGCAGCGGCCCTACCTGTTCTCTGCTGTGGC  
 CGCGGACACCCCGCCACCTACCTGTGGGAACCTGGGGGACGGCGGGCGCCTCGAGGGCCCCCTCCATCAAGC  
 ACACCTACAACAGCACAGGCCACTTACCGTCAAGGTGAGCGCGTGAATGAGGTGAGCCGCGCGGAGGC  
 CTGGTTGAACATCTGAGCGCGCTGAGCGGCTGACAGCTCAACGCCAGCCGACGCGTGGTGGTGGCC  
 CTCAACGGCAGCGTGAGCTTACACACCTCCCTGGAGGCCGGCAGCGACGTGCGCTACTCTGGGTGCTCT  
 GTGACCGCTGCACGCCCATCCCTGGGGGCCACCATCTCTACACCTTCCGCTCCGTTGGGCACCTTCAA  
 CATCATCGTGACCGCTGAGAACGAGGTGGGCTCTGCCAGGACAGCATCTTATCTACGTGCTGCGGCAC  
 ATCGAGGGCTGCAGGTGGCAGGGGTGGGGCGGCTGCTGCTTCCCCACCAACTGCACGCTGCAGCTGC  
 AGGCCGTGGTCAGCGACGGCACCAACATCTTCTACAGCTGGAGCGCCAGAGGGATGGCGGCCCGGCCCT  
 GGCTGGCAGCGGCAAGCCCTTCTGCTCACCGTGTGAGGCCGGCACATACCAGCTCCAACCTGCGGGCT  
 GCCAACATGTGTGGGCACGTCTTGGGCCAACCGCACGGTGGACTTCTGAGAGCCCGTGGGCGCACTGGCTG  
 CCGCCGCTCCCCAAACCCGGCCATAGTCAATTCCAGCGTCAACCTCTGTGCGGAGCTGGCTGGGGGTAG  
 TGGTGTCACTTACACCTGGTCCCCGAGGGAGGACTGAGCTGGGAGACCCAGAGCCATCTTCCACTCAC  
 GTCTTCCCCAGCCCCGGCTGTACCTGGTCAGGGTGACAGCTACGAACCTGGCTGGGCTCAGCCAATGTGA  
 CCATCGAGGTGGCTGTGACAGGTGCCGGTCACTGGCCCTCAGCATCCGGGCCGGGACATAGACCGCGGCTT  
 CGTGGCAGGCTCTGCGGTGCGCTTCCATCTGAGCTCAGCGGGGCCGCTGTGGAGGCGCTCCCCGGG  
 ACGGTGCCAGGGGGCAGCAGGCGTGGCCAGCACGTTGCTGTGGTCTTCCGTGACGCAGGCGCCTTCTCCG  
 TGCGGCTCAATGCCTCCAATGCAGTCACTGGGTACCGCCACCCGTGAGCTCACGGTGGAGGAGCCCAT  
 TGCGGGCTTGGTGGTGTGGGCCGACGCAAGGTGGTGGAGCCGGGGCAGCTGGTCCACTTCCAGGTCAATG  
 CTGGCTGCCGCTCCGCTGTCGCTTCCATCTGAGCTCAGCGGGGCCGCTGTGGAGGCGCTCCCCGGG  
 CCGCTTCTCCCGCAGCTTCCCCGAGTTGGGGACTACATGGTGGAGCTCCAGGCTGAGAACCACGTGAG  
 CCGGGCCAGGCCAGGTGCGCATCTTGGTGTGAGGCTGTGGGTGGGCTCCAGGTGCCCCACTGTTGC  
 GAGCTGGGCATCCCCACGGGCACGGAGAGGAATTTTACAGCCCGGTGCAGCGTGGGTGCGCGTGGCC  
 ACGCTGGTACTTCTCTTGCAAAAGTCCAGGGGACTCACTGGTCACTCTTCCGGCCGCTGATGTAC  
 CTACACCCCGTGGCCGCGGGGCTGCTGGAAATCCACGTGCGTGCCTTCAATGATCTGGGCGGCGTGAAC  
 CTCACGCTGCTGATGGAGGTCCAGGATGCCATCCAGCATGTGGTGTGCGCAGTGGCCGCTGCTTTACCA

ACCGCACAGCCCCGGTTTGAGGCCGCCACAAGCCCTAGTCCCCGGCGTGTGGCCTATCGCTGGGACTTTGG  
GGACGGGGCCGTGGTGGAGGACACGGAGGAGCCCTGGGCTGAACACTCCTATCTGCGGCCGGGGGACTAC  
CGCATAGAGGTGAATGCCTCCAACCTCGTGAGCTTCTTCGTGGCCAGGCCACGGTCACTGTCCACGTGC  
TGGCCTGCAGGGAGCCCGAGGTGGACGTGGCCCTGCCCCACAGGTGTTGATGCGGCGCTCCCAGCGCAA  
CTACCTGGAGGGCCACGTCAACCTGCGCGACTGTGTCACTACCAGACCGAGTACCGCTGGCAGGTGTAC  
CGTGCTGCCAGCTGCCAGCGGCCTGGGCGCCTGGCCCTGTGGCCCTGCCAGTGTGGACATGAGCCGGC  
CCAGCTGGTTGTGCCACGGCTGGCACTGCCGTGTGGGCCACTACTGCTTTGTGTTTCATGGTATCATTGG  
AGACACACCGCTGGCAGCGGAGCATCCAAGCCAATGTGACTGTGGTGCCTGAGCGCCTGGTGCCATTGTT  
GAGGGTGGCTCATACCGCGTGTGGTCAAGCACTCAGGATCTGGTGTGGATGGGAGCAAATCCTATGATC  
CCAACCTAGAGGATGGTGACCAGACACCACTCAGCTTCCATTGGGCTGTGTGGCCTCGACACAGAGTGA  
GACTGGTGGCTGTACCTGACCTTCGGGCCCCGGGGAAGCAGCGTGGTCACTGTTCCCTCGGGAGCGCCTG  
CAGGCTGGCGTGGAGTACACCTTCAACCTGACTGTGTGGAAGGCCGGCCGGAAGGAGGAGGCCACCAACC  
AGACGGTGTGATCCGAGGGGCGCGCTGCCATCGTGTCTTGGAGTGCCTGTCTGCAAGGCGCAGTC  
GGTGTACGCAGTGAAGCTCCTACGTGTACCTGGAGGGCCGCTGTGATAACTGCAGCGAGGGTTCC  
AAGCGAGGGCGCTGGGCGCGCGCACCTTCAGCAACACGACGCTGGTGTGACGAGACGACACCGTCGA  
CGGGCAGCTCGGGCATGCGGCTGGTGTGCGGCGCGGCGTGTGCGGGACGGCGAGGGCTACACGTTTAC  
ACTCACCGTGTGCGGCGCTCGGGCGAGGAGGAGGGATGCGCCTCCATCCGCTGTCCGCCAACCGGCC  
CCGCGCGGGGCTCCTGCCGCTCTTCCCGCTTGACGCCGTTGCGGCCCTCACCACCAAGGTGCATTTTCG  
AGTCACAGGCTGGGCGAGCGCCGAAGACGCGAGCGCCCCACTGGTGTACGCACTGCTGCTGCGGCGCTG  
TCGCCAGGGCCACTGCGAGGAGTTCTGCGTGTACAGGGGCGAGCCTCTCTGCTACGGAGCTGTGCTGCCG  
CCCCGTTTCGACCCGCACTTCCAGGTGGGCTGCGCGTGGTGTGCGAGGACGAGTGGGCGCAGCTGTGG  
TCGCTCTCAACAGGTCTCTGGCCATCACCCTGCCACAGCCTCCTGGCGACCCCCAGGGAGGCCACAGA  
CCTCACCAGCTGGTTGACGGCCTCACGGAGAGCATGCTGCCAGGCTGCTGAGACAGGCCGACCCCCAG  
CACGTCACTCGAGTACTCGCTGGCCCTCATCACTGTGCTCAATGAGGCCAGTGCAGGGTCCGAGCAGGTTT  
TGGCGTGGTGGCAGAGGAGGATGCCAGGCGGCGAGCTGCAAGCCAGATCCGCAAGAATGTACAGAGAC  
TTTGGTCTCCCTGCGGGTCAACACCGTGGATGACATCCAGCAGATCGCGGCGAGCGTGGCCAGTGCACG  
GTGTACAGCAGGGAGCTCGTGTGCCACTCCTGCTGAAGAAGACGCTGCATAAGCTTGAGGCCATGATGC  
GCATCCTGCAGGCTGAGACGGCTGCTGGCACTGGGACGCCCCAGGGCATAGCTGACAGCATTTCTCAACAT  
CACAGGCGACCTCATCACTTGGCCAGTGTGGACATGCAGGGCCTGCAGCCCTCGGAGCTGGGCACAGAG  
CCGCCCTCACTCATGGTAGCATCCAGGGCCTACCACCTCTCATCGGCCCTCATGTGCATTTCTCATGCGCT  
CCCCTGTGCTCAACGAGGAGCCCCCTGACGCTGGCGGGTGAAGAGATTGTGGCCAGGGCAAGCGCTCCGA  
CCCCGTGAGCCTGCTGTGCCAGGGCAACGCCCTCGGTTCCAGCTGCCACTTCTCTATCCCCACGGCCTTC  
AGCGGGGCCCTGTCCAACCTCAGTGATGTGGTGCAGCTCATGTTCCCTGCTCGACTCCAATCCATTCCCT  
TTGGCTACATCAGCAACTACACCGTCTCCACCAAGGTGGCCTCCATGGCCTTCCAGACGCGAGGCCGAC  
CCAGATCCCCCATCGGCGAGCTGGCCTCAGAGCGGCCATCATCGTGAAGTGGCCAACAGCTCCGACAG  
GCTGCCCCGGGCCACCGCGCCCTGCTGGCTCCGCGAGTCACTCAGCCCCAGGCCTCCATCAGCGTTGCGG  
TCACCCCTGAGAACAGCAACCCGGCGGCGGGCTGCACCTGCAGCTCACCTACACGCTGCTCAGTGAGCG  
CTACTTGGCCGAGGAGCCTGAGCCCTACCTGGCTGTGTACTTTGACTCGGTGCCTGGGCCCCAAGAGCAC  
AACTGCTCCGCCAGCAGGAGGATCAGCCTGGAGGAGCTGGCGGGCGCGACCAAGGCCCTATACCTTCT  
TCATTGCCCCAGGGACAGAGACTCAGGTGGGACTTATTACCTGAATCTGACCAGCCGCTTCCACTGGTC  
AGCACTGGAAGTGAGCGTGGGCTGTACAGCTCCTGTGTGCTAGTACTTCAGTGAGAAGGAGATGATGTGG  
AAGACAGAGGGGCTTGTGCTCTGGAGGAGACGTCCCCAGCCAGGCGCTGTGCTTACCCGCCACCTCA  
CTGCTTTTGGTGCCAGCCTCTTTGTCCCCCCCCAGCCACGCTCCACTTCATCTTCCAGAGCCGGCTCAGG  
CGTGAATACATCGTCTGCTGACGTGTATCGTGTGCTGGTACCTACACAGTCATGGCCGTGATCCTG  
CGTAAGCTGGACAGCTGGACGTGAGCGGGGTGCGCATCATCCCTTTCTGCGGGAAGGGAGGCTCTTCA  
AGTATGAGATCCTGGTCAAGACCGGCTGGGGCCGAGGCTCAGGTACCACGGCACACGTGGGCATCATGCT  
GTACGGGGCGAGGGCGGCTGCGGCCACCGGCCTGGATGGGGACAGAGCCTTCCGCGCAACAGCTG  
GACGTGTTCCAGATCGCCACCCCGCACAGCCTGGGCGAGCTGCGCAAGATCCGCGTGTGGCACGACAACA  
AAGGCTCAGCCCCGCTGGTTCTGCGAGCACATATTGTGAGGGACCTGCAGAACGCCCGCAGCACCTT  
CTTCTGGTCAATGACTGGCTGTGCGTGGAGACTGAGGCCAACGGCGGCTCGTAGAGAAGGAGGTGCTG  
GCAGCAAGCGAGGGCGGCTGCGGCGGCTCCCGGCGCTCCTCGTGGCGAGCTGCAGCGGCTTTCTTTG  
ACAAGCACATCTGGCTCTCCATATGGGACCGGGCGGCTCGGAGCGGCTTCACTCGTGTCCAGCGGGCCAC  
ATGCTGCATCCTCCTGCTGCTCTTCTGGGCGCAATGCTGTGTGGTACGGGGTGTGGGAGACACC  
GCCCTCAGGCGCGGGGCTGTGTCCACTCTCATCCCGTTGAGTGTGACACGATGCGCGTGGGCTGGTGT  
CCAGTGTGGTGTCTCCGCTCAGCTGCTGCTGCTGCTTTCTTCCGATGTCCCGAGCAAGGTGGC  
CGGGGCCCCGAGCCCCACCCCTTACGGGCGAGGTAAGTGGACGTTGACAGCTACCTGGACTCGTCTGTG  
CTGGATAGCTCCTTCTCACCTTCCCGGGGCTGCGCACAGAGGCTTTGCTGGACAAATGAAAAGCGACT

TATTTTGGATGATTCTAAAAGCCTGGTGTGCTGGCCATCCAGTGAAGGCACACTTAAGTGGCCGGACCT  
GCTGAGTGACCCGTCCATCATGGGCAGCACCCCTGCAGCGGCTGGCTCGGGGCCGCACGGGCCACACGCTG  
GGCCAGAGGACGACGGTCTCTCCTTGCTGAGCCCCCTCTTACCTGCCAAATACTTCTCAGCTTCAGATG  
AGGACCTGATCCAGCAGATCCTGGCCGAAGGCGCCAGCAGCCTGGCCCCACCCAGGACACCCAAGTGGA  
AACGGATCTGCTCACCAGCCTGTCTAGCGCCCCCGGGAGACAACGGAAACGCTGACGCTGCAGAGGCTG  
GGGAGAGGGGGCCCGCTGCAGCTCCGGCGTGACCTGGGAGCAGCCACGTCGGCCAGGCTCTCCGGGA  
CAGGGCTGGCGGACGGTCTGCAGAAGCGGCTGCTGCCCGCTGGTGTGCGTCCCTGGCCACGGGCTCAG  
CTTGCTCTTGCTGCTGTGGCTGTGGGGTCTCTGGCTGGGTAGGCTCCAGCTTCCCCCTGGTGTGAGC  
GTGATGTGGCTCCTCTCAGCAGCTCCAGTTTCTTGGCCTCCTTCCCTGGCTGGGAGCCCCCAAGGTCC  
TGCTGGAAGCCCTGTACTTCTCGCTGGTGGCAAGCGGCTCCATCCTGATGAGGATGATACCTGGTGGA  
GAGCCCGGCTGTGACCCCTGTGAGCGAGCGTGTGCCTCGCGTGAGGCCCCCACGGCTTTGCGCTCTTC  
CTGGCAAAGGAGGAAGCCCCGAAAGGTCAAGAGGCTGCATGGGATGCTGAGGAGCCTGCTGGTGTATATGC  
TCTTTTGGCTGGTGACGCTGTTGGCCAACCACGGGGATGCCTCATGTCAACAACATGCCTACCGCTTACA  
GAGTGCCATCAAGCAGGAGCTGGGCAGCCAGGCTTCTGGCCATCACCCGGTCTGATGAGTTCTGCTGGA  
TGGATGTACACGCTGCTGCTTCCCTACATCCATGGGAACAGTCCGGCCAGAGCTGGGGCCCCACGGC  
TGCGGACAGGTGCGGCTGCAGGAAGCTCTGTGCCAGACCCCTCCCGGCGCGCGGTGCATGCGTGTCTCAGC  
CGGCCAGGACGCTTACAGACCGGGGACTACAGCATTGGCTGGGGTAGTGCTGCCAGAACTGCTCCGAG  
ACGTGGGCTACTCTGCGCCAGACCTACTGGGCATCTGGTCTCGGGCTACTGCGCTGTGTACGACGCG  
GGGCTATGTGTCAGGAGCTAGGGCTGAGCCTGGAGGAGAGCCGCGCGCAGCTGGGCTTCTGCAGCTGCA  
TAACTGGATCGACAACAGGAGCCGCGCCGTGTTGCTGGAGCTCACGCGCTACAGCCAGCCGTGGGGCTG  
CACGCGCCGCTCAGCTGCGCCTCGAGTTCCCCGCTGCCGGGCACGCGGTGACCGCTGTACGCGTGCGTC  
CCTTCCCGCTGACGCGCTGAGCACCGGCTCTCCCTGCCGCTGCTCACCTCGGTGAGCCTGCTGCTCTT  
CGCGCTGTACTTCTCCGTGGCCGAGGTGCGCACCTGGCGCAGGGAAGGGTGTAGACGTGCGGCGCAGCCC  
GGGGCTGGGGCGCGGTGGTGTGGTGGCACTGACCGCGGCCGCGCAGCGCTCGTGCGCTGGCCAGCTGG  
GTGTTGCCGACCGCCAGTGGGCGCGCTTCTTGGCGCGCGCTCCGCGCCGATTACCAGCTTCGAGCAGGT  
GGCGCAGCTGAGCGCGGCTGCGGGCTGGCGGCTCGCTGCTCTTCTGCTCCTGGTCAAGGCCGCG  
CAGCAGCTGCGCTTTGTGCGCCAGTGGTGGTCTTTTGGCAAGACGCTGTGCCGGGCCCTGCCGGAGCTCG  
TGGGGGACGCCCTCGGCCTGGTGGCGCTCGCCGTGGCCTACGCGCACCTGCGCGTCTGCTGGTCTCCTC  
CTGTGTGGATTCAATCCGGAGTGCGGCGCGGGCCCTCTTGGTGTGTGCCCTGGGTGAGGGGGTCCCGCC  
CTGTGCCCTGCCGAGTCTTGGCGCTGTCCCGCTGCTGTGCACCGGGCTTGGGCCCTGCGCTTTGGG  
CGGCCCTGCGGCTGGGGGCGCTCCTTCTGAGATGGCGGTACCATGCCCTGCGTGGGGAACCTACCGACC  
GGCCTGGGAGCCGAGGACTACGAGATGGTGGAGCTCTTCTGCGCAGGTGCGCCTCTGGATGGGTTTC  
AGCAAGGTCAAGGAGTTCGCCACAAAGTCCGCTTTGAAGGGATGGAGCCGCTGCCCTCCCGCTCCTCCA  
GGGGCTCCAAGTCTCCCGGATGCACCCACCGGCGGCTCGGACACCTACAGGCCCTCCAGCTC  
CTCCAGCCAGCTGGACACGCTGAGTGGAGGCTGGGCCGCTGGGGCCCCGGGGGAGCCGGAGCCCTCT  
CGCCTGCAAGCGGTGTTGAGGCGCTCCTGACCCAGTTGACCGACTCAACAGGCCACAGAGGATGTGT  
ACCAGCTGGAGCAGAGGCTGCAGAGCCTGCGGGGCGCGAGGAGCACCGTTCCCCAGCCTCGCCTCCCCA  
CAGCCCTGCTCAGCCCTGACCGGCGCTGCCAGCGCTTGGCCGGGCGAGTCGAGGCATGGGCGCTG  
GCATCCGGCCCCAGCAGGGCTTCCCTGCGGGCTAAGAACAGGTCCACCCAGCAGCACTTAGCCCTCGG  
GGCACCGGGCTCCCCACCCCGCTCCGGCTTCTGGGAGGAGCCGGGGCAGACCGCTCAGTATTAAGT  
TCTGCTGCCCTCAAGGTTTGGGCCAGCAGAACAGCCGACCGAGGCCCGGAGTAGGACAGCCTCGTCTCT  
CTCTGGGGGTCTCAGCACTTTAAAGAGGCCGTGTGGGCAGCCAGGACCAAGGGCCCTCCCGAGCTCCCT  
GTGGGTGGACACAGCAGTATCGGGCTGAGCGCCAGCCTCTGAGATGCTAATTTATTAACAGAGTCTCTCA  
GGTACAGCGGGCTGTGCCGGGCCCCACCTCCTGGGCAGACATCTCCCTTGCGAAGGATCCAGGCTTCGG  
GGAGGGAACCTGCACTTCCCGTGGTCTTCCCCACTAAGTTATTACCTCTCCTGTGCCCTGCTGAGTGCA  
CTCCCTTTCGCTGCCATCTGTGTCTATCGTACGTAATTTATATGGGGTTAGGTTAAATGTATATAT  
TTTTGTACCTCGCTCTATTTTCACTAGGGCAAGGGACCTGGTGGCTGAAGCAACCTGTGCCACTGT  
CACCCGTGTTGAGGGGGGAGCAGGACTGCAGAGCTGGCCTCCCTCCCCAGACATGTGACCAGGGGGCCA  
GGGCAGTGGTGGCTGCTGCTTGCATCCAGGTCTGGCCTGAGGCAGGTGCTGGGAGGGGAGGCTGGTGGG  
AGGGTACAGCCACCTCCGAGGAGTTCCTGTGCCCCCAGCAGCAAGATGGCAGAGCCAGACCTGCTG  
GTGCCAGGTGTGGGCAAGCAGGAGGACAGGCAAGAACTCCAGGGTGGTCAAGTGGAAAGAGCC  
CTCCCCGGGGGCTGGCTCCCGGGGCTGGGAGGGTGAAGAGGGGCGCGGGTGGCCCAACCGACAGCCT  
GGTACCAGTATGTGGGCATGGCCACAGTTACAGCCTTGACCCACCCCCACCCGACAAAGTCAAATAA  
ACAACCTGGCTGACTGC

>GBCA0007 |Acc|AB110699|Ver|AB110699.1 GI:31076448|Canis familiaris RECK mRNA for  
reversion-inducing-cysteine-rich protein with Kasal motifs, complete cds.  
GCGGCTCCGGACCCCCCGGCCGACATGGCGGCGGTCCCGGCTCCCGCGAGGCGCGCTGCTGCTTCT

CCTGGCCGTGGCGGGGGTTCGCGGAGGTGGCAGGGGGCTGGCCCCGGGCAGCGGGGTGCACTGTGTTGT  
AATCATTCAAAGGATAATCAAATGTGCCATGATGTATGTGAACAGATATTCTCCTCAAAAAGTGAATCCC  
GACTAAAGCATCTGTTACAGAGAGCCCCAGATTATTGCCCGAAACAATGGTTGAAATTTGGAGTTGTAT  
GAATTCATCTTTGCCAGGTGTGTTTAAGAAGTCTGATGGCTGGGTGGCTTAGGCTGCTGTGAAGTGGCT  
ATTACCTTGGAGTGTGACAGGCATGCAAGCAGGCATCATCAAAAACGATATTTCCAAAGCCTGCAGAA  
AAGAATATGAGAATGCTTTTTAGTTGCATTAGCAGAAATGAAATGGGCTCAGTTTGTTCAGTTATGC  
AGGCCATCACACAAATGCCGAGAATACTGTCAAGCCATCTTTCGAACAGACTCTTCTCCTGGTCCATCT  
CAGATCAAAGCAGTGGAAATATTGTGCCTCTATTAGTCCCAATTAAACACTGTGTGAACAATTATA  
CCCAATCTTATCCAATGAGGAATCCAACAGATAGTTTATATTGCTGTGACAGAGCTGAAGACCATGCTTG  
CCAAATGCCTGCAAGAGAATTCTGATGTCTAAGAAAACAGAAATGGAAATTTGTTGATGGCCTCATCGAG  
GGTTGTAGAGACTCAGCCTTTACCTCAGGATCCTCTTTGGCAGTGTCTTTCTTGAAGCTCACAGTCTGTTC  
ATCCTGGAGTCAACCTACACCTCCTCCTCTACAGGCCTTGATGGGGCTAAATTGCATTGTTGTTCTAA  
AGCAAACTTCAACATGTAGAGAACTGTGCACTAACTTTATAGCATGAGCTGGGGCAACACACAGAGC  
TGGCAAGAGTTTGTATGCTTTTGTGAATATAATCAGTGGAGTGTCCATGTTGACCTGTTTAGCAGACG  
TTTCGGGAACCTTGCCAGTTGGGCTGTAGAAATCTTACTTACTGTACTAATTTTAAACAACAGGCCAACAGA  
ACTTTTCAGGAGTTGTAACGCTCAGTCAGATCAAGGAGCCATGAATGACATGAAGCTGTGGGAGAAAGGA  
AGCATAAAGATGCCATTTATCAACATACCTGTTCTTGCATTAAGAAGTGTGAGCCAGAAATGTGGAAAG  
CAATAGCTTGTTCAGTGCAGATTAAACCTTGTCATAGTAAATCCCGGGGAAGTATTATTTGCAAAATCAGA  
TTGTGTGGAGATTCTTAAGAAATGTGGGGACCAGAAATAAATCCCTGAAGACCACACAGCTGAAAGTATT  
TGTGAGCTTCTGTACCTACAGATGACCTAGAGAATTGTATACCTTTGGATACATACCTCAGGCCAAGTA  
CTTTGGGTAAATATTGTAGAAGAGGTCACCTCATCCCTGTAAACCCAAATCCTTGCCCTGCTAATGAGCTCTG  
TGAGGTAAACCGGAAGGGGTGTCTGTCTGGAGATCCCTGCCTTCCATACTCTGTGTTCAAGGTTGCAAA  
TTGGGAGAAAGCCTCTGATTTTCATGTCCGTCAAGGGACACTAATTCAGGTGCCATCATCTGCAGGGGAAG  
TTGGTTGTTACAAAATTTGCTCATGTGGACAAAGTGGACTCTTGGAACCTGTATGGAGATGCACTGTAT  
AGATCTTCAGAAGTCGTGTATTGTCTGGAGGAAAAAGAAAAAGTCAATGGGACATCGTTTAAATATTGACTGC  
AATATCTGTTCTTGTGTTTGGCTGGCAATTTGGTGTGTTCTACCGCCTGTGCCTCAGTGAGCACAGTCCCG  
AAGATGACCGTTCGCACCTTTCACAGGTCTGCCCTGTAACCTGTGCAGATCAGTTTGTCCCTGTGTGTGGCA  
GAATGGACGCACTTACCCAGTGCCTGCATTGCTCGCTGTGTTGGCCTCCAAGACCATCAGTTTGAATTT  
GGATCATGCATCTCAAAGGATCCATGTAATCCTAATCCCTGCCCAAAAACCAAAGATGCATACCCAAAC  
CACAAGTTTGCTGACGACTTTTGATAAATTTGGATGTAACCAATATGAGTGTGTTGCCAAGACAGCTCAC  
CTGTGACCGGTTTCGCGATCCTGTCTGTGACACAAACCACATGGAGCACAGCAATCTCTGCACTTTGTAC  
CAGAGGGGGCAAAGCCTCTTATACAAAGGCCCTTGCCAGCCCTTCTGCAGAGCCACAGAGCCCATCTGTG  
GGCACAATGGGGAAACCTATAGTAGCGTGTGTGCTGCATACTCAGATCGTGTAGCAGTTCGATTACTACGG  
GCCCTGCCAGGCTGTGCGGGTCCCTCTCAGAGTACGGTTCTGTAGCCGAGTGTGCTGCTGTGAAGTGTCCCT  
TCACTCTGTGACTGAGTGCAAAACCCATCATCCCACCAGGTGCTTGTGTTGCCATTTATGTGCTGGAATGT  
TAAGAGTTTTTATTTGACAAAGAAAACTGGATACTATTGCTAAGGTAACAAACAAAAAGCCAATTACAGT  
TCTGGAAATACTTCAGAAAATCCGCATGCACGTATCTGTCCACAGTGTGACGTATTTGGATACTTCAGT  
ATTGAATCTGAAATTTGTATCCTGATCATCTGTGTCGATCATTTATCCAAAGCTTTGCAGATTGAGGCTT  
GCATTAAGAAGCAGAGAAGATCGAATCTCTTATCAACTCTGACAGCCCCACTCTGGCATCCCACGTCCC  
TCTGTCTGCCCTCATCATTTCCAGGTACAGATCTCGAGTAGTGTGCCATCAGCTGGCATCGAGGCCAGA  
GCCCTCTGCCCTCCTACCTCCTCCTCCTCAGCCTGGGCCCTGCCTTGACATGGTCTGGATACGTAAC  
GACCAACCCCTGTAAAAGTGCAAAATGTTACTCCATTGAATTTTCTACATGGNGAAAGACATGCAGGACT  
CCTGGTTTGTAGTTGAATAGTGGCTGAGAAAAAGCACTTGTACCTCTGTTTACCACACAGTATTTTTTTT  
TAAGCTGCCAATATTAGGGTCTTTGTTTGTCTTACAAATGT  
>GBCA0008 |Acc|AY191818|Ver|AY191818.1 GI:30267429|Canis familiaris Ly49 (Ly49) mRNA,  
complete cds.  
TCAGGTACGTAAGGGAATCCAGGATTGGAAAAGCCAACTTCTTCCATATCTTTTTTGGATCATCTTTCTC  
TGCCTGTATCCCAGCAGGGCATAGACACAGAAGTCATCCATTGTGAGGTTTTAATGCCAAGCATATTTT  
CCTTCTTACTGTAAAGATGAGCAATGAGAAAGTAATTTATCTTCCCTGAGATTTCTTCAGTCTCCAGAG  
TCACAAAATAGATTAAGGGCAGATACGACTCAAAGCCCTGGGAAAAGGATGGCAAGGGTTTCCAGTGC  
CAAGACATCTCATTGTAGTGTCTTGGGATCCTGTGTTTACTACTACTGATCATTTGTTGCCGTGTGGG  
GACAAAGATTTTTCAGTTTATTCAAGAAAACCATCACCTGGGGGAAATGATAGGAAACCTGACTCAAGAG  
TACCACATTTTGCAAAATGACAGCTACTTAAAGGACCAACTTTTGCAAAATAAGAGTTTAGAATATAACA  
TTCTCAAAAATGAAATGCTTCAGCAGAAAAAGGAACAGGATTTACTCTTTACAAATAGGACGTTTCAGAG  
CAAAAATAAAGGCAAACTCCATGAAAACCAAGCTCTGTATAGAAATAAGTATTATTATTTCACTTCT  
AAAAGTGAAAAATGGATTGGATGTAAAAAGACATGCCAAAGTTGTAATTCATCTCTTTTGAAGATAAGTG  
ATGAAGATGAAGTACCTTCATTCAAGCACAACTTATAAGAAAACTACTGGATTGGATTATTATATGA



TATAAAGGAAGAAAAATGGAAATGGGTTGACACTGACCTACCTTTTGGGATTAATTTTACCTTCATGGGT  
TTTTCTGGAAGAGGACAATGTGCATTTTGGAGCTCAACAAGAGTAACAAATATTGATTGCTCTAATTCAT  
ACCATTGTATCTGTGAGAAGAGAATTGATAATGTTTTGTCTGCCTCCTTCCAAAGATACAAGAAGAAAAG  
GTGAAATGGAATTTGTCAATTTTTTTTGTTCATTTGTTTCTGTGATAATTTGTGATTATTTATGAAGTAAT  
GTTTCTGATAGTAGGAATTAGT

>GBCA0009 |Acc|AJ560716|Ver|AJ560716.1 GI:30519781|Canis familiaris mRNA for putative  
secreted frizzled related protein 2 (sfrp2 gene).  
ATTCGGCACGAGGATGCCGCGGGGCCCCGGCTCGCTGCTGCTGCTCGTCTAGCGTCGCACTGCTGCTTG  
GGCTCGGCGCGCGGGCTCTTCTTCGGCCAGCCCGACTTCTCTACAAGCGCAGCAACTGCAAGCCCATCC  
CGGCCAACCTGCAGCTGTGCCACGGCATCGAGTACCAGAACATGCGGCTGCCAACCTGCTGGGCCACGA  
GACCATGAAGGAGGTGCTGGAGCAGGCGGGCGCCTGGATCCCGCTGGTTCATGAAGCAGTGCCACCCGGAC  
ACCAAGAAGTTCCTCTGCTCGCTCTTCGCCCCCGTGTGCTCGACGACCTGGACGAGACCATCCAGCCGT  
GCCACTCTCTGCTGCTGAGGTGAAGGACCGCTGCGCCCCGGTTCATGTGCGGCTTCGGCTTCCCCTGGCC  
GGACATGCTCGAGTGCAGGATTCCCCAGGACACGACCTCTGCATACCCCTCGCTAGCAGCGACCAT  
CTCCTGCCGGCCACCGAGGAAGCTCCAAAGGTATGCCAAGCCTGCAAAAATAAAAATGAGGATGACAACG  
ACATAATGGAAGTCTTTTGTAAAAATGATTTTGCAGTAAAAATAAAAGTGAAGGAGATAACCTACATCAA  
CAGAGATACCAAAATCATCTGGAGACCAAGAGCAAGACCATTTACAAGCTGAACGGTGTGTCTGAAAGG  
GACCTGAAGAAATCCGTGCTGTGGCTGAAAGACAGCCTGCAGTGCACCTGCGAGGAGATGAATGACATCA  
ACGCGCCTTATCTGGTTCATGGGACAGAACTAGGTGGGGAGCTGGTGATCACCTCAGTGAAGCGGTGGCA  
AAAGGGGCGAGAGAGTTCAGCGCATCTCCGAAGCATCCGCAAGTTGCAGTGTAGTTTGGCCCCCCC  
TCCCCAGGCCGCTCCAGAGCCAGGCTGACCACTTCCGCTCTGGGTCCCCAGCTCTCATCCCCCAAGCA  
CAGGCCCTTGCACTCTGGCCCCAGCCTGGAGCAGCTTCCCTTGCCTTTTGCACGTTTGCACCCCTGGCAT  
CTCCTGAATTATAAGGCCTTAGGAAGCTTCAGGAGTGGATAGTGTATTAACATACGGGAGGAACCCACC  
CAGATCTTGTAGAAATGTTCAAACATAAAATCATGGAATATTTTTACGGAAGTTTTTAATAGCTCAA  
CTTTAGTTTTGAATAGGTACAGCTGTGACTTGGGTCTGACTTTTCTTCTTTCTGTTTGGTTTGGGCCAAC  
TGATTTTCAATTTCTGTTGTAAGGTTGCCGTAACGTGCAAAATGGCTTCATTTTTCGATGTGGCCCCAAATG  
TGGTGGGTCACAATCCTTCGTTGAGATAAAGCTGGCTTTATTCGACGTTTTCTCAGCTCCAGCCTGAGAC  
TTCAGAGCCTAAGTCTTATAATAATCACCTGTCTATTTATGCCCCGTTGGGAACCTTACAACAGTAGCA  
GCATGTACTGATTTCCGGGTAGAGTACTTCCATTTATCAAAGCACATTAACCACCATAGCATGATTCCTT  
CGAATAAAGGGCAAAACAGATTTTATAATTGACCTGAGTACTTTAAGCTTTTGTAAACATTTTTTAC  
TTAATTTTGCAAATTAACCATTGTAGCTTACCTGTAATATACATAGTAGTTGACCTTAAAAAGTTGTAA  
AAATATTGCTTTAACCAACACTGTAAATATTTTCAAGATAAGCATTATATCTTGTATATAAACTTTGCTTC  
CTGTTTTTAA

>GBCA0010 |Acc|AY240952|Ver|AY240952.1 GI:30421061|Canis familiaris microphthalmia-  
associated transcription factor (MITF) mRNA, complete cds.  
GGTGGTGTCTCGGGATACCTTGTATTATAGTGCCTTCTCTATGCCAGTCACTCTCGAATCGGAATTACAG  
AAAGTAGAGAGAGTGAATAGTCTACCGTTTCTCATTGGATTGGGGCCACCTAAAACGTTGTTATGCTGGA  
AATGCTAGAAATATAATCACTATCAGGTGCAGACCCACCTCGAAAACCCACCAAGTACCACATACAGCAA  
GCCCAAAGGCAGCAGGTAAAGCAGTACCTTTCTACCACTTTAGCAAATAAACATGCCAACCAAGTCTGA  
GCTTGCCATGTCCAAACCAGCCTGGCGATCATGTCTGCCACCAAGTCCGGGGAGCAGCGCACCCCAACAG  
CCCCATGGCTATGCTCACACTTAACTCCAACCTGTGAAAAGAGGGATTTTATAAGTTTGAAGAGCAAAAC  
AGGGCGGAAAGTGAATGCCAACCATGAACACGCATTACGAGCATCGTGATGCAGATGGATGATGTAA  
TTGATGACATCATTAGCCTAGAAATCAAGTTATAATGAAGAAATCCTGGGATTGATGGATCCTGCTTTGCA  
AATGGCAAATACGTTACCTGTCTCTGGAAATCTGATTGATCTTTATGGCAACCAAGGCCTGCCTCCCCCA  
GGCCTCACCATCAGCAACTCCTGTCCAGCCAACCTTCCCAACATAAAAAGGGAGCTCACAGCGTGTATTT  
TTCCCAAGAAATCTGAAGCGAGAGCATTTGCCAAAGAGAGGCAAAAAAGGACAATCACAACTTGATTGA  
ACGAAGACGACGATTTAACAATAAATGACCGCATTAAGAACTAGGTACTTTGATTCCCAAGTCAAATGAT  
CCAGACATGCGTTGGAACAAGGGAACCATCTTAAAAGCATCTGTGGACTATATCCGAAAGTTGCAACGAG  
AACAGCAACGTGCAAAAGAACTTGAATTCGACAGAGAAATTTGGAGCACGCCAACCGGCATTTGTTGCT  
CAGAATACAGGAACCTGAAATGCAGGCTCGAGCTCATGGACTTTCACTTATTCATCCACGGGCCCTCTGC  
TCTCCAGACTTGGTGAATCGGATCATCAAGCAGGAACCCACTTTGAGAAGTGAACCAAGACCTCCTTC  
AGCATCATGCAGACCTACCTTGTACGACGACGCTTGATCTCACAGATGGCAGCATCACCTTCAACAACAA  
CCTTGGAGCCGGGACCGAGAGTAGCCAAGCCTATAGCGTCCCCACGAAAATGGGATCCAACTGGAAGAC  
ATCTGATGGATGACACTTTTCTCCCGTTGGTGTAACTGACCCACTCCTTTCATCAGTGTCCCCCTGGAG  
CTTCCAAAACAGCAGCCGAGGAGCAGCATGAGCATGGAAAGAAACCGATCATGCTTGTAGCAGGCCCT  
CCCTGCTCTGCGCTTTCAAAAACGCTTCCCTTCTTGTATTCGTAGGTTTCATAATTTACCTGAAGGGGTT  
TTCTTGATAATTTTCTTTAATATGAAATTTTTTTTTTTCATGCTTTACCAATAGCCCAGGATATATTTTATT

TTTAGAATTTTGTGAAACAGACTTGTATATTCTATTTTACAACACTACAAAT

>GBCA0011 |Acc|AF454670|Ver|AF454670.1 GI:20086765|Canis familiaris pregnane X receptor (PXR) mRNA, partial cds.

GGCATGAAGAAGGAGATGATCATGTCCGACGCGGCTGTGGAGCAGAGGCGGGCTCTGATCCGGAGGAAAA  
AGCGAGAACGGATGGGCGCGTCGCCGCTGGGAGCCAAGGGGCTGAGTGAGGAGCAGCAGACGATGATCCG  
AGAGCTGATGGATGCCAGATGAAAACCTTTGACACCACCTTCTCCAACCTCAAGGATTTCCGGCTGCCG  
GCCGCGTGCAGCAGCGGGCGGAGGTCCCAGGAGCGGCGCACACTCCAGTGGGGGAGGAAGCTGCCAAGT  
GGAGCCAGGTCAGGGAGGATCTGTGCTCGCTGAAGGTGTGCCTGCGGCTGCGCGGGGAGGACGGCAGCGT  
CCAGAACTACACACCCAGGCCGACCCGACGCGGCGCGGAGATCTTTTCCCTGCTGCCCCACATGGCTGAC  
ATGTCCACCTACATGTTCAAAGGCGTCATCAACTTTGCCAAAGTCATCTCCACTTCAGGGAATTGCCCA  
TCGAGGACCAGATCTCGCTGCTAAAGGGGCCACCTTCGAGGTGTGCCAGCTGAGGTTCAACACGGTGT  
CAACGCAGAGACCGGAACCTGGGAGTGTGGCCGCTGTCTACTGCCTGGAAGACCTGCAGGCGGCTTC  
CAGCAGCTTCTCCTGGAGCCAGTGTGAAGTTCACCTACAGGCTGAAGAGGCTGCAGCTGCATAAGGAGG  
AGTATTATTCATGACAGCCATCTCTCTTTCTCCAGACCGCCAGGTGTGGTGCAGCGCAGCGTGGT  
GGACCAGCTGCAGGAGAGATTTGCCATCGCCCTGAAGGCCTACATCGAGTGCAATCGGCCGACGCTGCC  
CACCGGTTCTCTCCTGAAGATCATGGCCATGCTCACCGAGCTTCGCAGCATCAATGCCAGCACACCC  
AGAAGCTGCTGCGCATCCAGGACATACACCCCTTCGCCAGCCCCCTCATGCAGGAGCTGTTTCAGCATCAC  
GGACGGCTGA

>GBCA0012 |Acc|AF160250|Ver|AF160250.1 GI:5360187|Canis familiaris thyrotropin alpha subunit mRNA, complete cds.

CCCAAGCTTATGGATTGCTACAGAAAAATATGCGGCTGTCTATTCTGGCCGCTTGTCTGTGTTTCTGCATA  
TTCTCCATTCTCTTCTGATGGAGAGTTTACAATGCAGGGTTGCCAGAAAGCTAAAGGAAAAACAA  
ATACTTCTCCAAGTTGGGTGCCCAATTTATCAATGCATGGGCTGCTGCTTCTCCAGAGCATATCCCAC  
CCAGCAAGGTCCAAGAAGACAATGTTGGTCCCAAAGACATCACCTCAGAAGCCACATGCTGTGTGGCCA  
AAGCTTTTACCAAGGCCACAGTGTGGGAAATGCCAAAGTGAGAATCACACGGAGTGCCACTGCAGTAC  
TTGTTATTATCACAAATCTTAAATATTTTGCAAAGAGCACGTTGATGATTGCTGATTTCTCCTGGAATGAAA  
ATTAATTTTTTTCAGTGTTTATGGCTTTGTGAGATAAAACCTCTCTTTAAGCTTGGG

>GBCA0013 |Acc|AY266681|Ver|AY266681.1 GI:30385607|Canis familiaris heart myotrophin mRNA, complete cds.

CAGTGATGTGCNACAAGGAGTTCATGTGGGCCCTGAAAAACGGAGACTTGGACGAGGTGAAAGACTACGT  
GGCCAAGGGAGAAGATGTCAACCGGACACTAGAAGGTGGAAGAAAGCCTCTTCATTATGCAGCAGACTGT  
GGGCAGCTTGAAATCCTGGAATTTCTGCTGCTGAAAGGAGCAGATATTAATGCTCCAGATAAACATCATA  
TTACCCCTCTTCTGTCTGCTGTCTATGAAGGTTCATGTCTCCTGTGTGAAATTGCTCCTGTCAAAGGGTGC  
TGATAAGACCGTGAAAGGTCAGATGGACTAAGTGCCTTTGAAGCCACTGACAACCAGGCAATCAAAGCT  
CTTCTTCAGTGATGGATGGATGGACTGATAACT

>GBCA0014 |Acc|AY156692|Ver|AY156692.1 GI:27497537|Canis familiaris cathepsin S preproprotein (CTSS) mRNA, complete cds.

ATTATTAGTATGGGAGCACCTGCAGGTTCTTTATGAAATGGCTAGTTGGGCTGCTTCCGTTGTGCTCCT  
ATGCAGTGGCACAAGTACATAAAGATCCCACCTCTGGATCATCACTGGAATCTCTGGAAGAAAACCTACAG  
CAAACAATACAAGGAAGAGAATGAGGAAGTAGCACGGCGTCTCATCTGGGAAAAAATCTAAAATTTGTG  
ATGCTTCACAATCTGGAACACTCAATGGGAATGCATTATGATCTAGGCATGAACCATCTGGGAGACA  
TGAATGGTGAAGAAGTATATCTTTGATGGGTTCCCTGAGAGTTCCAGCCAAATGGCAGAGAAATGTCAC  
TTATAGGTCAAACCTCTAATCAGAAATTGCCTGATTCTGTGGACTGGAGAGAGAAGGGCTGTGTTACTGAA  
GTGAAATACCAGGGTTCTTGTGGTCTTGTGGGCTTTACGCGCTGTGGGGGCCCCGGAAGCACAACTGA  
AGCTAAAAACAGGAAAGCTGGTGTCTCTGAGTGCACAGAACTTGGTAGATTGCTCAACTGAAAAATATGG  
GAATAAAGGCTGCAATGGCGTTTCATGACAACCTGCTTCCAGTATATTATTGATAACAACGGCATTGAT  
TCAGAAGCTTCTATCCCTACAAAGCCATGAATGGAAGTGCAGATATGACTCAAAAAAGCGAGCTGCCA  
CATGTTCAAAGTATACTGAACCTCCCTTTGGCAGTGAAGATGCCTTAAAGAGCTGTGGCCAATAAAGG  
ACCTGTGTCTGTGGCTATAGATGCGAGCCACTATTCTTTCTTCTCTGTACAGAAGTGGTGTCTACTATGAA  
CCATCCTGTACTCAGAATGTGAATCATGGAGTATTAGTGGTGGCTATGGTAACCTTAATGGGAAAGACT  
ACTGGCTTGTGAAAAACAGCTGGGGCCTCAACTTTGGTGACCAAGGATATATTTCGGATGGCAAGAAACAG  
TGGAAATCACTGTGGGATTGCTAGTTATCCCTCTTACCCAGAAATCTAGACCTCTTCATTTTATAACAAG  
TCCAAAAAATGAAACACTTTCTCTAATTTAATTTTACCTGCTATAATAGTAAAAATAAATGTGTCTATG  
ACCAT

>GBCA0015 |Acc|AY264844|Ver|AY264844.1 GI:30267902|Canis familiaris trefoil factor 3 mRNA, complete cds.

AACGATCTCTGAGCGGTGCGGTCGCCAGAGCCCACCCGTGACCATGGAGGCCAGAGTGCTCTGGCTGCTG



GTGGTGGTCCTGGTCCTGGGGTCCCTCCAGCTTGGCAGTGGCTTACCAGGGCCTGGCGACGAACCTGTGCG  
AGGTGCCGCCCCAAGGACAGGGTGGACTGCGGCTACCCGTGAGATCACCTCCGAGCAGTGCCTCAATCGGGG  
CTGCTGCTTCGACTCCAGCATCCACGGGGTGGCCTGGTGTCTCAAGCCGTTGCAGGACACAGAATGCAGA  
TTTTGAAGCAACGCCCTCGACCCCGGACACCCTGGGAAGC  
>GBCA0016 |Acc|AY264843|Ver|AY264843.1 GI:30267900|Canis familiaris trefoil factor 2  
mRNA, complete cds.  
GCATGGGACATGGGACCTCGAGGCCTCCAGCTGCTGGCGGTGCTCCTCGCCCTGGGGCTGTGTGCCCCGG  
CGGGGGCCCCAGAAACCTTCCGCCTGCCAGTGCTCGCGGATCGAGGCCTCCACAGGAAGAACTGTGGCTT  
CCCGGGCATCAGCGCCTCCGAGTGTCTCAACACGGGCTGTGCTTCGACTCCAGAGTCCCCAACGTCCCC  
TGGTGTTCCTCCCTCCCGAAGCAAGAGTGGGAGCAGTGTGTATGGAAGTGGCGGCCCGCAAGAAT  
GTGGGTACCCGGGCATCAGCCCCCAGGAGTGTGCGTCTCGCAACTGCTGCTTCTCCGACACCATCCGCAA  
CGTGCCCTGGTGTCTTCCCAATCCTCAATCAAGATTGTATTATTAAGAGGAGTCCCTTCGGAGAACC  
CACCAGCCTCCCTGGGTGTTTGGAAAT  
>GBCA0017 |Acc|AY258287|Ver|AY258287.1 GI:30144608|Canis familiaris trefoil factor 1  
mRNA, complete cds.  
CCCCTGGAGCAGAGAGGACGCTCACGCCACCATGGAGCACAGGGTGATCTACGTCTTAGTGTGGTCTGT  
GCACTGACCCCTCAGCTCCCTGGCCCAGGGCCAGCAGGAGACGTGCACGGTGGCCCCCTCACCACAGAGACA  
ACTGCGGCTCTCCGGGCATCAGCCTTCCAGTGTAAGGACAAGGGCTGCTGTTTCGACAACACAGTTCG  
TGGGGTCCCGTGGTGTCTACTACCTGTGGCCGTGGACAACCCCTCCGAAGAGGAGTGTCCCTTCTAGATG  
CCTGCGGCAGAGCATCGCCAGGAGCTG  
>GBCA0018 |Acc|U91844|Ver|U91844.2 GI:10305340|Canis familiaris glucose-6-phosphatase  
mRNA, complete cds.  
ATCGCCAAGTCTGTAATAGCTGCAAAGGCTCAGCTGTAGGCTGCCTGAGGAGCCAGGGAGTAAGGATGGA  
GAAAGGAATGGATGTGCTCCATGACTTTGGAATCCAGTCAACGCACTACCTCCAGGTGAATTACCAGGAC  
TCTCAGGATTGGTTCATCTTGGTGTCCGTGATTGCAGACCTCAGGAATGCCTTCTATGTCTCTTTCCCA  
TCTGGTTCCATCTCGGCTCAGCTGTGGGCATCAAACCTTCTCTGGGTAGCTGTGATTGGAGACTGGCTCAA  
CCTCGTCTTTAAATGGATTCTGTTTGGACAGCGTCCATACTGGTGGGTGATGGACACCGACTACTATAGC  
AACACCTCTGTGCCACTGATAAAGCAATTTCCAGTTACCTGTGAAACTGGACCAGGGAGTCCCTCTGGTC  
ATGCCATGGGTACAGCAGGTGTATACTACGTGATGGTCACATCTACCTTTCTATCTTTCGGGGGAGAAA  
AAGGCCAACCTACAGATTTTCGGTGTCTGAATATCCTTCTGTGTTGGGATTCTGGGCTGTGCAGCTGAAC  
GTCTGTCTGTCCGAATCTACCTTGTCTCATTTTCCCCATCAGGTTGTTGCTGGAGTCTGTGAGGCA  
TTGCTGTTGTGAAACTTTCCGCCACATCCAGAGCATCTACAATGCCAGCCTCAAGAAATATTTTCTCAT  
TACTTTCTTCTGTTCAGTTTGGCATTGGATTTCACCTGCTGCTCAAGGGGCTGGGTGTGGACCTCCTG  
TGGACTGTGGAAGGAGGAGATGGTGTGAGCGGCGGAATGGGTTACATTGACACCACACCCCTTTG  
CCAGCCTTCTCAAGAACGTGGGGACCCCTTTTGGCCTGGGGGTGACTCTCAACTCCAGCATGTACAGGGA  
AAGCTGCAAGGGCAAGCTTAGCAAGTGGTTCCTATCCGCTCAGCTGCATTGTGGTGTCTCTCATCCTC  
CTGCACCTCTTTGACTCTTTGAAACCCCCATCCCAACTGAGCTGATCTTCTACACCTTGTCTCTTCTGCA  
AGAGTGCAGCAGTGCCTTGGCATCTGTGAGCCTCATCCCTACTGCCTTGCCCGGTCTTCGACCAGCC  
AGACAAGAAGTCTTTGTAATCTTTGTAAGGCATGTGGAGTCTTCAGTATCAAGCCAATGACTGTGCCAAT  
CATCGAGGTGGCTGGGGTCTTGTGCCAGCCATTTTGAGGCCAGAGGTGCTAGAGTCAGCTCAGGTAACC  
CCTTCTCTCTTTGCAATTCTAATTGTATTGGGTGGGGTGTGTTTTTTTTTGTGTTTTTTTGTGTTTTT  
TGTTTTTGGTTTTGTTTTTTTTTGGTTTTTTTTTAAAGCTAATTAAGGCTAGTTGAGAAAGTCTTATCTGTTAG  
TTGGGGTGTCTGGATTTTTTTTTTCCCTGAAACTTACTTGCTCTTCTTTTAGATACACAAAAGCAAG  
GCTTCCAGGTAGGGCCAGCTCACAATCCAGGCTGGGGATCTCAGCTGCAGGATTTCTACCTGTCCCAT  
CCTTACAGAAAAGGGAAGGAGCAGTGGCATTGTATAGAGAAGAAGATGGATTAAGGAAAGACTTCTT  
CGTATCCTGCATATCATGCAAAATTCATGTTACACAAAATCTAAATCGCTTTGATTATATTTGAATTTTT  
GGTAAGGAACTCTCAATAGTGGGGACCAACTTAAAGCATAACTAATAGGTAGTTAATGGGGTAATCTGT  
CTTCTTCTATGTTTCTACTATGTATTAGTGACCTAGATTGTGCTGGGTGAGGATTCAGATATAGTC  
AGCTTCTCTATCACACTACATCTTCTCTTGTGAGCCTAGCTCAGCTTTCCCTAGAACTTTCCACTGCT  
CTACATCTGCTGACACAGAGATGCCATAAGGACAGCTTAGGGTAGTGCTTTTGTATGGTTTAGTCAAG  
TCTGAAATCTTGGGCAAAAAGGTGAGGAGAGGGCAAGGAGAGGAAAGGATTCTCTCTCCAGAAGGTCAC  
TCCAATGTTACTTTTGATTCTAGAGGTAATATGACTCCTTTTTCTATCCCAAGCCAACCAAGAGTGC  
TCTTGGAGGAAAAGCCAGCTCTTCTTGCCTGTTGTCAAGTCTCAGCTGATTTGCAGAATATGTCTTTTA  
AAAATGTTTTAAGCCTATTTTATTTGAGAGTCTTGTGTTTTTGTCTACTAATTATATAGTTCATCATATATTAC  
CATTCACACCAACCATCGTGGTCATAACATCTTTGAAAAGAAAATATATATGCGCAGTATTTTATTAA  
ACAACATTTTATTT  
>GBCA0019 |Acc|AJ555547|Ver|AJ555547.1 GI:29691679|Canis familiaris mRNA for voltage-

gated sodium channel alpha subunit (scn5A gene).

AGAAGATGGCAGACTTCTGTACCTCGGGGCACCAGCAGCTTCCGCAGGTTACCCGGGAGTCCCTGGC  
GGCCATCGAGAAGCGCATGGCAGAGAAGCAAGCCCCAGGCTCGGCCGCTCGCAGGAGAGCCGGGAAGGG  
CTGCCCCAAGAGGAGGCTCCCCGGCCCCAGCTGGACCTGCAGGCCTCCAAAAAGTGCCAGATCTCTATG  
GCAACCCGCCCGAGAGCTCATCGGGGAGCCCCCTGGAGGACCTGGACCCCTTCTATAGCACCCAAAAGAC  
CTTCATCGTGTGAATAAAGGCAAGACCATTCCGCTTCAGTGCCACCAATGCCTTGTATGTCCTCAGT  
CCCTTCCACCTGTCCGGAGAGCGGCCGTGAAGATTCTGGTTCATTGCTATTTCAGTATGCTCATCATGT  
GCACCATCTGACCAACTGCGTGTTCATGGCCCAGCAGACCCCTCCACCCTGGACCAAGTATGTCGAGTA  
CACCTTCACTGCCATTTACACCTTTGAGTCTCTGGTCAAGATTCTGGCTCGAGGCTTCTGCCTGCATGCG  
TTCACCTTCCCTCCGGGACCCATGGAATTGGCTAGACTTCAGTGTGATAGTCATGGCATAACAACAAGAAT  
TTGTGGACCTGGGCAATGTGTGACGCTTACGTACCTTCCGAGTCTCCGGGCCCCGAAAACTATATCAGT  
CATTTTCAGGCTGAAGACCATCGTGGGGGCTCTGATCCAGTCTGTGAAGAAGCTGGCCGACGTGATGGTC  
CTCACCGTCTTCTGTCTCAGTGTCTTTGCCCTCATCGGCTGCAGCTCTTTATGGGTAACTGAGACACA  
AGTGTGTTTCGCAACTTACAGCGCTCAACGACACCAACGCGCTCTGTGGAGGCTGACGGCCTGGTCTGGGA  
GTCACTGGACCACTACCTCAGCGACTCAGGAACTACTTGGCTGAAGAATGGCACCTCCGATGTGTTACTG  
TGTGGGAACAGTCTGATGCCGGGACATGTCCCAGGGTTACCGGTGCCTAAAGGCAGGGGAGAACCCTG  
ACCACGGCTACACAGCTTTGACTCCTTTGCCTGGGCCCTTCTTGCCTCTTCCGCTTAATGACACAGGA  
CTGTGGGAGCGCCTTACACAGCAGCCCTGAGGTCTGACGGGAAGATCTATATGATCTTCTTCATGCTT  
GTCATCTTCTGGGCTCCTTCTACCTGGTGAACCTGATCCTGGCTGTGGTTGGCATGGCCTACGAGGAAC  
AAAACCAAGCCACCATTTGCTGAGACAGAGGAGAAGGAAAGCGCTTCCAGGAGGCCATGGAGATGCTCAA  
GAAAGAGCATGAGGCCCTCACCATCAGGGGTGTGGACACTGTGTCCCGCAGCTCCTTGGAGATGTCCCTT  
TTGGCCCCAGTAACCAACACATGAGAGAAGAAGCAAGAGGAGAAACGAATGTCTTCGGGGACAGAGGAGT  
GTGGGGATGACAGGTTCCCAAGTCCGACTCGGAGGATGGTCCAGAGCAATGAATCGCCTGAGCAGCAC  
ACATGGCCTCAGCAGGACCTCCGTGAAGCCACGCTCCAGCGTGGGAGCATCTTACCTTTCGAGGCCGA  
GACCTGGGCTCCGAGACAGATTTTGCAGATGATGAAAACAGTACAGCGGGAGACAGCGAGAGCCACCGCA  
CGTCCCTACTGGTGGCTGGCCTCTGCGCCAGCCTAGTGGCCAGGGACAGCTCAGTCCAGGGACCTCGGC  
TCCCGCCCTCAATGGTAAAGGAACAGCACCGTGGACTGCAACGGGGTGGTCTCCTTGTCTGGGGGAGGT  
GATCTGGAGGCCACCTCCCCAGGAAGCCACCTCCTCCGTCTGTGATACTGGATCGCCCCCAGACACGA  
CCACACCGTCCGAGGAGCCAGGCAGGCCCCAGATGCTGACCCACAGGCTCCATGTGTGGATGGCTTCGA  
GGAGCCAGGAGAGCGACAGCGGGCCCTCAGCGCAGTCAAGCGTCTCACCAGTGCAGTGAAGAGTTGGAA  
GAGTCTCACCGCAAGTGTCCACCATGCTGGAACCGCTTCGCCCAGCGCTACCTGATCTGGGAGTGTGCC  
CGCTGTGGATGTCCATCAAGCAGAGAGTGAAGTTTCATGGTTCATGGACCCGTTCCGCGACCTCACCATCAC  
CATGTGCATCGTCTTAACACGCTCTTTCATGGCACTGGAGCACTACAACATGACAGCTGAGTTTGAGGAG  
ATGCTGCAGGTTCGGAAACCTGGTCTTTCACAGGGATCTTACCAGAGAGATGACTTTCAAGATCATCGCTC  
TGGACCCCTACTACTACTTCCAGCAGGGCTGGAACATCTTTGACAGCATCATTTGTCATCTGAGCCTCAT  
GGAGCTGGGCTGTCCCGCATGGGCAACCTCTCAGTGTGCGCTCCTTCCGCTGCTGCGGGTCTTCAAG  
TTGGCCAAATCCTGGCCCCACCTGAACACGCTCATCAAGATCATCGGAACTCAGTGGGGGCGCTGGGGA  
ACCTGACGCTGGTGTCTGGCCATCATCGTGTTCATCTTCGCTGTGGTGGGCATGCAGCTCTTTGGGAAGAA  
CTACTCAGAACAGAGGCACCGCATCAGTGAAGTGGGCTGCTGCCCCGCTGGCACATGATGGACTTCTTC  
CATGCCTTCTCATCATCTTTCGCATCCTCTGTGGGAGTGGATCGAGACCATGTGGGACTGCATGGAGG  
TGTCTGGGAGTCACTGTGCCTGCTCGTCTTCTTGTGTTATGGTCATTGGCAACCTTGTGGTCTTGA  
CCTCTTCTGGCTTTTGTGCTCAGCTCCTTCAGTGCAGACAACCTCACAGCCCTGACGACGACGGGGAG  
ATGAACAACCTCCAGCTGGCCCTGGCACGCATCCAGCGTGGCCTGCGCTTCTCAAGCGGACCACTGGG  
ACTTCTGTGTGGACTCCTACAGCGGCTCCAAAGCCTACGGCCCTCGCTGCCCATGGCCAGCTGCCCCG  
CTGCATGGCCACATCCAGCTCCCCACCAACCCCGGAGTCAACAGAGGTGCCTCCTGCCCCGTAAGGAGACA  
CGATTTGAGGAAGAGCAAGCAGCCAGGCCAGGGCACCCCTGGGGATACAGAACCTGTGTGTGTGCCCATTG  
CCATGGCTGAGTCAGACACGGACGACCAAGAGGAGGATGAAGAGAATAGCCTGGGCAAGAGGAAGAGTC  
CAGCAAGCAGCAGGAATCCCAGCCTGTTTCCGGCAGCCAGAGGCCGTCCCAGAGCGGGGGGCTGGAGC  
CAGGTGTCAGAGACTGCCTCCTCCGAGGCCAGTGTGGCTCAGGCAGACTGGCGGCAGCAGCGGAAGGTGG  
AGCCCCGGCCCCAGGGTGCAGTGAAGGCTCCCGAGGACAGTTACTCGGAGGGGAGCACAGCAGACATGAC  
CAACACAGCAGACCTCCTGGAGCAGATCCTGACCTGGGTGAGGATGTCAAGGATCCAGAGGACTGCTTC  
ACTGAAGGCTGTGTCCGGCGTGTCTTGTGCTGCGCCGTGGATACCACACAGGCCCCAGGGAAGGTCTGGT  
GGGACTGCGCAAGACCTGTACCGCATCGTGGAGCAGAGCTGGTTTGAAGAGTTTCATCATCTTTCATGAT  
CCTGCTCAGCAGTGGAGCTGAGGCTTCCGAGGACATCTACCTAGAGGAGCGGAAGACCATCAAGGTTCTG  
CTCGAGTATGCCGACAAGATGTTACCTACATCTTCTGCTGAGATGCTGCTCAAGTGGGTGGCCTACG  
GCTTTAAGAAGTACTTCACCAATGCCTGGTGTGGCTGGACTTCTCATCGTGGATGTCTCACTGATCAG  
CCTCGTAGCCAACACCTTGGGCTTTGCCGAGATGGGCCCCATCAATCCCTGCGGACACTGCGTGGCTC

CGACCCCTGCGAGCCCTGTCACGATTTGAGGGCATGAGGGTTGTGGTCAATGCCCTGGTGGGCGCCATCC  
 CATCCATCATGAATGTCTCCTCGTCTGCCTCATCTTCTGGCTCATCTTCAGCATCATGGGTGTGAACAT  
 GTTTGCGGGGAAGTTTGGGCGATGCATCAACCAGACTGAGGGAGACCTGCCTTTGAACTACACCGTTGTG  
 AACATAAGAGTACTGTGAGTCTTCAACGTGACCGCGAAGTGTACTGGACCAAGGTGAAAGTCAACT  
 TTGACAACGTGGGCGCGGGTACCTAGCTCTTCTGCAGGTGGCAACATTTAAAGGCTGGATGGACATTAT  
 GTACGCAGCTGTGACTCCAGGGGTTTGAAGAGCAGCCCCAGTGGGAATATAACCTCTACATGTACATC  
 TACTTCGTCAATTTTCATCATCTTCGGGTCTTCTTCCACCTGAACCTTTTCATCGGTGTCATCATCGACA  
 ACTTCAACCAACAGAAGAAAAAGTTAGGGGGCCAGGACATCTTCATGACAGAAGAGCAGAAGAAGTATTA  
 CAACGCCATGAAAAAGCTGGGCTCCAGAAGCCCCAGAAGCCCATCCCTCGGCCCTCTGAACAAGTACCAG  
 GGTTCCTATTTCGACATTGTGACTAAGCAGGCCTTCGACGTACCATCATGTTTCTCATCTGCTTGAACA  
 TGGTGACCATGATGGTAGAGACAGATGACCAGAGTCCCGAGAAGGTCAACATCTTGGCCAAGATCAACCT  
 GCTCTTTGTAGCCATATTCACAGGCGAGTGTATCATCAAGATGGCTGCCCTGCGCCACTATTACTTCACC  
 AACAGCTGGAACATCTTCGACTTTGTGGTGTGTCATCTCTCCATCGTGGGTACCCTGCTCTCAGACATCA  
 TCCAGAAGTACTTCTCTCCCCAACGCTCTTCGAGTCATCCGCTGGCCCGAATCGGCCGATCCCTCAG  
 GCTGATTCGAGGTGCCAAGGGGATCCGCACACTGCTCTTTGCCCTCATGATGTCCCTGCCCTGCTTTC  
 AACATCGGCCCTGCTGCTCTTCTCGTCAATGTTTCATCTACTCCATCTTCGGCATGGCTAACTTCGCTTATG  
 TCAAGTGGGAGGCGGCATCGATGACATGTTCAACTTCCAGACCTTCGCCAACAGCATGCTGTGCCTCTT  
 CCAGATCACCACGTGCGCTGGCTGGGATGGCCTCTCAGCCCCATCTCAACACGGGGCCCCCTTACTGT  
 GACCCCAATCTACCCAACAGCAATGGCTCCCGGGGGAAGTGTGGGAGCCCGGCTGTGGGCATCCTCTTCT  
 TCACCACGTACATCATCTCTTCTCATCGTGGTCAACATGTACATCGCCATCATCTCGAGAAGTTC  
 CAGCGTGGCCACAGAGGAGAGCACCAGGCCCTGAGCGAGGACGACTTCGACATGTTCTATGAGATCTGG  
 GAGAAGTTCGACCCGAGGCCACCCAGTTTCATCGAGTACTCGGCCCTGTCCGACTTCGCCGACGCCCTGT  
 CCGAGCCGCTGCGCATCGCCAAACCCAACAGATAAGCCTCATCAATATGGACCTGCCCATGGTGAGCGG  
 GGACCGGATCCACTGCATGGACATCTCTTTGCCCTTACCAAGAGGGTGTGGGCGAGTCTGGGGAGATG  
 GACGCCCTGAAGATCCAGATGGAGGAGAAGTTTCATGGCGGCCAACCCGTCCAAGATCTCGTACGAGCCCA  
 TCACCAACACGCTGCGCGCAAGCACGAGGAGGTGTGCGCCACCGTCATCCAGCGCGCTTCGGGAGGCA  
 CTTGCTGACAGCGCTCCGTGAAGCACGCGTCTTCTGTACCGCCAGCAGGCGCGCGCGGTCCGGA  
 GAGCGGGCCCCGAGCGGGAGGGCCTCATCGCTACACGATGGCCGAGAACTTCTCCGCGCGCTTGGCC  
 CGCCCTCCAGCTCCTCCATTTCTCCACGTCCTCCCCCCCCCTCGTACGACAGCGTCACCAAGGGCCACCAG  
 CGATAACCCGAGGTGCGGCGTCCGACTACAGCCGAGCGAGGACCTCGCCGACCTGCCCGCTCCCCA  
 GACAGGGACCGCGATCTATCGTGTGAGCCTCAGCCCCGCTGGCCAGGAGGACCGGGAGGCGGCCTGTC  
 GCATCGGAGCAAATGTGACCGCAGCCACAAGCCGGCATCTGCTGGGCTTCTTGGGCTCCGGGCGTGAG  
 AGCTGGGCTGGGCCCCGCGGGTCAATGAGGCTGAGTCTGCGGCACCCCCGTGGATGGCCACAAGCAGG  
 TGGCCGGGCTGACCGTTCTGGGTGGCCTGTACCCGGAGGCCCTACACACACCAAGTGGCGGGGCTGCTCAG  
 GCCACACCCGGGGGCTTGAAGAGCACAGCAACCCAGCTGCCGAGGAGAACTACAAAAGTGAAGTGTGA  
 GATGTTGTGAATGGGCTTTCATAA

>GBCA0020 |Acc|AF494096|Ver|AF494096.1 GI:29568786|Canis familiaris tight junction-  
 associated guanine nucleotide exchange factor isoform A (GEF-H1/Lfc) mRNA, complete cds.

ATGTCTCGGATCGAGTCGCTCAGCGCGCGCGGACCGAGCGGAGCCGGGAGCTGGCGAGCAAGAATCGGG  
 AAAAGGAGAAGATGAAGGAAGCCAAGGACGCCCGCTACACCAACGGGCACCTCTTTACCACCATCTCCGT  
 CTCGGGCATGACCATGTGCTATGCCTGTAACAAGAGCATCACAGCCAAGGAAGCCCTTATCTGCCCAACC  
 TGCAATGTGACTATCCACAACCGCTGTAAAGACAGCTCGCCAACTGTACCAAGGTCAAGCAGAAGCAAC  
 AGAAGGCTGCTCTGCTGAAGAACAGCACTGCTTTGCAGTCTGTTTCCCTTCGCAGTAAGACCAACCCCG  
 GGAGCGGCCAAGCTCTGCCATCTACCCCTCTGACAGCTTCCGGCAGTCCCTGCTCGGCTCCCGCGGTGGC  
 CGCTCCTCTTGTCAATTAGCCAAGAGTGTCTCCACCACCAACATTGCCGGCCACTTCAGTGACGAGTCAC  
 CCCTGGGGCTGCGCGCAATCCTGTCCAGTCCACAGACTCCCTCAACATGCGGAACCGAGCCCTATCCGT  
 GGATCCCTCATTGACGAAGGTGAGAGTGTATCTACAGTGAAGTGTGAGTCTGAGTGAAGTGAAGTGAAG  
 AGGGACTTTGCAGCCGACTCATGGAGCTTGGCAGTAGACAGCAGCTTCTGCAGCAGCAGAAGAAAGAGG  
 TGATGAAGCAGCAGGATGTCTATGAGCTCATCCAGACGGAGCTGCACCATGTGCGGACGCTGAAGAT  
 CATGACCCGCTCTTCCGACGGGGATGCTAGAGGAGCTGCAGCTGGAGCCCGGAGTGGTCCAGGGTCTG  
 TTCCCTGCTGAGTGAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG  
 AAGCCCTGTGCCCTGGAAGCACCCGGAATTCGTATCCATCGCTGGCAGACCTGCTCATCAGCCAGTT  
 CTCAGGTCCCAGTGGGAGCGGATGCGTAAGGCCCTACTCAGAGTCTGCGAGCCGCCACACTAAGGCCCTTA  
 AAGCTTTACAAGGAGCTGTATGCCCCGGGACAAAAGGTTCCAGCAGTTCATCCGGAAGGTGACCCGATCGG  
 CTGTTTGAAGCGTATGGGGTGACGAGTGCATCCTGCTGGTGACCCAGCGCATCACCAAGTACCCGGT  
 ACTCATCAACCGGATCCTACAGCATTCCTATGGGACCGACGAGGAGCGCCAGGACCTGACCACAGCACTG  
 GGGCTGGTGAAGGAGCTCCTGTCCAATGTGGACCAGGACGTGCATGAGCTGGAGAAAGGAGCTCGCTGC

AGGAGATCTACCACCGGATGGACCTCGGGCCAGGCCCCAGTGCCAGCAAGGGCCCATTTGGCAGAGA  
 GGAGCTTCTGCGGCGCAAGCTCATCCATGATGGTTGCTGCTCTGGAAGACAGCGACAGGTGCTTCAA  
 GATGTGCTCATGCTCCTGATGACAGACGTGCTGGTATTTCTCCAGGAGAAGGACCAGAAGTACATCTTTC  
 CTGCCCTGGACAAGCCCTCAGTGGTATCACTGCAGAACTCTGATTGTACGGGACATCGCCAACCAGGAGAA  
 AGGGATGTTTCTGATCAGTGCGGCGCCCCCTGAGATGTATGAGGTCCACACCGCATCTCGGGATGACCGG  
 AGCACCTGGGTCCGGGTCACTCAGCAGAGTGTGCGCGTATGCCCATCCAGAGAGGACTTCCCCCTGATTG  
 AGACAGAGGACGAGGCTTACCTGCGCCGAATCAAGATGGAGCTGCAACAGAAAGACAAGGCGTTGGTGA  
 GTTGCTGCGAGAGAAGGTGGGACTGTTGCGGAGATGACCCATTTCCAAGTGGAGGAGGACAGTGGCGGG  
 GTGGCCCTGCCCCGCCCTACCCAGGGGTCTTTCCGCTCCGAGTCTTGGAGTGGCCCTCGTGGCGAGCGGC  
 TGCTGCAGGATGCCATCCGTGAGGTGGAGGGCCCTCAAAGACCTCCTGGTGGGGCCTGGAGTAGAGCTGCT  
 CCTGACACCGCGGGATCCGGCCTTGCTGTGGACCCAGACAGTGGCGGTAGCACGAGTCTTGGGGTCACA  
 GCCAATGGTGAGGCCAGAACTTCAATGGCTCCATTGAGCTCTGCAGAACGGACTCTGACTCCAGTCAGA  
 AGGACCGCAATGGGAATCAGTTGAGAGCCCCCAGGAGGAAGCATTACAGCGATTGGTCAATCTCTACGG  
 ACTCTCCATGCTCCAGGCGGCCCTGGCCAGGACACCCCTGATGGAAGCCCGGTTCCCTGAGGCG  
 CCTGAGCGGCGGGAGAAGCTGGCCAGAGCCAATCCAGGGATGGAGAGGCTGGCCGAGTGGGGCCCCGCC  
 CAGTGGCACCTGACAAGCAGGCCACCGAGCTGGCGCTCCTGCAGCGGCAACATGCTCTGCTGCAGGAGGA  
 GCTGCGTTCGCTGCCGGCGGCTGGGCGAGGAGCGCGCCACGGAGGCGGGCAACCTGGAGGCCCGGCTCCGC  
 AGGAGCGGCTGCAGGACAGCAGTGACCTGATACCGGCAGCGAGGAGGAAGGGGCGGCCCGCTGTCCG  
 GGCAGAGTGAGCCGCCCGGCGGAGGCCCTTGGGCCCGCAGGCCCTTGGACCTCGGCGGCGCAGCCT  
 CCCTGCAGGCGATGCTCTGTACCTGAGCTTCACGCCCCACAGCCAGCCGAGGCCACGACCGTCTGGAT  
 TTGTCTGTGACCATTCGCTCTGTCCATCGACCTTTGAGGACCGAGAGAGGCAGGAGCTGGGCAGCCCCG  
 AGGAGCGGCTGCAGGACAGCAGTGACCTGATACCGGCAGCGAGGAGGAAGGGGCGGCCCGCTGTCCG  
 ACCCCACAGTCTCGAGATTTACCCGAATGCAAGACATCCCTGAAGAGACAGAGAGTCTGTACGGGGAG  
 CTATGGTTTTCAGAGAGCTAACTCGAGATTTACCCGAATGCAAGACATCCCTGAAGAGACAGAGAGTGC  
 TGACGGGGAGCCTATGGTTTTCAGAGAGCTA

>GBA0021 |Acc|AB083366|Ver|AB083366.1 GI:23616935|Canis familiaris RCAS1 mRNA for  
 receptor-binding cancer antigen, complete cds.

CAGGTTTTGATTCCACCATGGCTATCACACAGTTTCGGTTATTTAAAGTTTGCACCTGCCTTGCAACAG  
 TATTCTCATTCTAAAGAGATTAATATGCAGATCTGGCAGAGGACGGAATTAAGTGGAGACCAATAAC  
 TTTGCCAACTACAGTTTGATTATTCATCAGTTCCCAAACAGACTGATGTTGAAGAGTGGACTTCTGGGAT  
 GAAGATGCCCCACAAAGTGTAAGATTGAAGGAGGGAATGGGAATGTAGCAACACAACAAAATGCTTTGG  
 AACAACCTGGAACCTGACTATTTTAAGGACATGACACCAACTATAAGGAAAACCTCAGAAAATCATTATTAA  
 GAAGAGAGAACCATTAAATTTTGGCATTCCAGATGGTAGCACAGGTTTCTCTAGTAGATTAGCAGCTACA  
 CAAGATATGCTCTTTTATTATTCATCAATCTCCTGAATTAGGTGACTTAGATACTTGGCAGGAAAATAACCAATG  
 CATGGGAAGAAGAAGATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGGCAGCAGAAGATAGCAGACAG  
 AGAAAAGAGAGCAGCAGAACAACAGAGGAAGAGAATGGAGAAGGAGGCACAGCGGCTAATGAGAAAGGAA  
 CAGAACAAGATTGGCGTGAAGCTTTTATAACAGATGTTCTTACGTGTCTCGTGGCAGTAGGAGAGATG  
 TGAGCTCCACAACCTAAGCAGCATTTATATGGATATGAGAGTATTTTTCAGAATACAATAACATTGCTTGA  
 TTTTAAATGCATTATCAGACCATCTAGGACACCAGGATTCTCTCAGAGTACCTTGAGCTCTTAGTGATT  
 GAGACTC

>GBA0022 |Acc|AY225149|Ver|AY225149.1 GI:29170598|Canis familiaris 12-transmembrane  
 domain co-transporter Cell splice variant mRNA, complete cds; alternatively spliced.

CCCGTCCCCGCGCGCACCGGGGCGCACGCGCACACTCGCGCTCCGGGACCGAGTCCCGGCCCGCTCACCC  
 CGCATGGGCCCCGAGGCCGCCGGCCCGGGGAGGGGCGCCGCGCTCGCCTGCAGGTGAGGACCTGGATCG  
 AGCCCGTGGTGGCCGCCACGCAGGTGGCCTCCTCCTGTACGAGGCGGGGCTGCTCCTCGTGGTGAAGGC  
 GTCTTTTCGGGGCGGGGCCCGGGCCCGGGCGGGCTTCCAACCACAGCGCCGGCCCGCCGCGGGG  
 GCCCCGAGGACCAGCAGCAGCGGGCCATCTCCAATTCTACATCGTCTACAACCTGGTGGTGGGCTGA  
 CGCCGCTGCTGTGCGGCTACGCGCTGGGCTGGCTCAGCGACCGGCGCCACCGCAAGGTGCGCATCTGCGT  
 GGCCCTGCTGGGCTTCTGCTGTGCGCGCTCGGGCTGCTGCTCAAGGTGCTGCTGGACTGGCCCGTGGAG  
 GTGCTGTACGGGGCGGGCGGCTGAACGGGCTGTGCGGGCGCTTCTCGGCCTTCTGGGCGGCGCTCATGG  
 CCTGGGCTCCTGGGCTCGTCCGAGGGCGCGGCTCCGTGCGCCTGGTCTCATCGACCTCATCCTGGG  
 CCTGGCGGGCTTCTGCGGGAGCATGGCCTCGGGGCACCTCTTCAAGCAGGTGGCTGGGCACTCGGGCCAG  
 GGCTGGGTGCTCACGGCTGCAGCGTCAAGCTGTGCCACTTTCGCGCTCCTCTACAGCCTCTTGGTCTGTA  
 AGGTCCCCAGGGGCGGGCGGCTCCGGCCAGGCACCTTCCGCGGGCGACTCGGTGGCGGCGACGGTTGG  
 CACCTATCGTACCTGGATCCTGACCACTCAGACAAGCAGAGCGTGCAGGGGCTGCACCCCCCATCTCCC  
 GGGAAAGCCAAGCCCCGAGAACGATCATCGCCTGCTCTTCTGGGTGCCATCGTATATGACCTGGCAG  
 TAGTGGGCACAGTGGACGTGATGCCCCTTTTCGTGCTAAGGGAGCCTCTCAGTTGGAACCAAGTGCAGCT

CGAGCCGTCATGCTGTTTCGCTCTCATCCCTATCACAACCATCCGGTCAGCAATGTCCAAACTCATAAAGG  
 GCTCCTCTTATGGAAGGTGTTTCGTCATCCTGCAGCTGTCCCTGACTCTGACGGGGGTGGTGACATCCAC  
 GGTGTACAACAAGATCTATCAGGTACCATFGGAAAAGTTTCATCGGCACCTGTTTTGCTCTCTCCTCCTTC  
 CTCTCCTTCTGGCAATCATCCGATTGGCATCGTGGCTACAAACAAGCCTCGTGGTTGCAATATGGAG  
 ACGTCAGGGAGACGTGAAGGTTCTGGCCTACAGGAGCTGCGAACACCAGCAACGGTGGAGCCCCCTTTGAA  
 GGCAAGGAAGGGACTGGGTGCTGGCGACCGGAGCCACCCACGGCCCCCGAAGCCCCAAGTCCAGCCA  
 GAGTTGGCCTCGGAATGACCTGCTCTGGCTCAGGGCTCCCTGGTGGGTGGGGAACAGCACTTTCTTGGTG  
 ATAGAAGAATTTTCTCAGCTTTTGGATGTCCCTGCTAGACAGAGGTTGGGTTCTGGGGACAGTAAAGTAT  
 GGCCTTTTCAGGGGTTATACACCGGCTGCATACAGTCTGCCAGACACACAAAGGGCTTCAGACGGCAG  
 CCCCCCTTTCTTGGCGGAGTTGTCCCAGGGCTCCAAGACACGACTAGTCATCTGGGTGCTGCGCTGGGAG  
 CCCCACAATGAAAACCTCAAACCAAAGCACACATTTTCAACAGCCTAAGGGGAACCCAGAGGGGGTGT  
 ATAAGAACTCCCAATGTTTGGAAAGATTTTGGGGCTCGGGCTCTTGATTTCAGGGTACTTTTATTGCTCT  
 TGTACTGTTGCTTATAAGAGGCAAATATCAAAGACTTTCTTCAGTGGAAATAGAATATTGAGTATTTTC  
 AGCCAATGATATTTCAAAGTGGGTGGTGTGAAAGGAGAGAGATATGCCAAGAGCCATTTTATTGG  
 AGGTCCCTATTTTATAGCCTATTTNACTTACATCTAGAAAAGCAGACTCACTTCCAAATAAAATCGACA  
 TTTATTGTAAAAA

>GBCA0023 |Acc|AB104899|Ver|AB104899.1 GI:28866918|Canis familiaris TLR9 mRNA for Toll-  
 like receptor 9 protein, complete cds.

AAAGTGGCAGGCTGCGGTGGAAGCAGGTGGAGCCAGGGCAAGGCCAATGCTGCTGCACCCCCAGGAAGGG  
 GCTGTGAGCTCCAAGCATCCTTTCTGCAGCTGCTGCCAGCCTGCCAGCCAGACCCCTCTGGAGAAGCCC  
 CCGCTCCCTGTCTATGGGCCCCCTGCCGTGGCGCCCTGCACCCCTGTCTCTCCTGGTGCAGGCTGCCGCGC  
 TAGCCCTGGCCCTGGCCAGGGCACCTGCTGCTTCTGCTGCTGAGCTCCAGCCCCATGGCCCTGGT  
 GAACTGCAACTGGCTGTTCTCAAGTCCGTGCCCGCTTCTCGGCAGCTGCACCCCGCGGTAACTGACCC  
 AGCCTTTCTTGTACTCCAACCGCATCCACCACCTCCATGACTATGACTTTGTCCACTTCGTCCACCTGC  
 GGCCTCTCAATCTCAAGTGAAGTGCCTGCCCGCCGACAGCCTCAGCCCCATGCACCTTTCCCTGCCACATGAC  
 CATTGAGCCCAACACCTTCTGCTGCTGTGCCACCTAGAGGACCTGAATCTGAGCTATAACAGCATACAG  
 ACTGTGCCCGCCCTGCCAGTTGCTTGTGTCCCTGTCCCTGAGCCGCACCAACATCCTGGTGGCGGACCC  
 CTGCCACCCCTGGCAGGCTTTATGCCCTGCGCTTCTGTTCTGATGGCAACTGCTACTACAAGAACCC  
 CTGCCAGCAGGCCCCGAGGTGGCCCCAGGTGCCCTCCTGGGCTGGGCAACCTCACACACCTGTCACTC  
 AAGTACAACAACCTCACCGTGGTGCCGCGGGGCTGCCCCAGCCTGGAGTACCTGCTCTTGTCTTACA  
 ACCACATCATCACCTTGGCACCTGAGGACCTGGCCAATCTGACTGCCCTGCGTGTCTCGATGTGGGTGG  
 GAACTGTGCGCGCTGTGACCATGCCCGTAACCCCTGCAGGGAGTGCCCAAGGGCTTCCCCAGCTGCAC  
 CCCAACACCTTCGGCCACCTGAACACCTCGAAGGCGCTGGTGTGAGGGACAGCTCTCTCTACAGCCTGG  
 ACCCCAGGTGCTTCCATGGCCTGGGCAACCTCATGGCTGGACCTGAGTGAGAACTTCTGTATGACTG  
 CATCACAAAACCAAGCCTTCTACGGCTGGCCCGGCTGCGCAGACTCAACCTGTCTTCAATTATCAT  
 AAGAAGGTGTCTTTGCCACCTGCATCTGGCATCCTCCTTCGGGAGCCTACTGTCCCTGCAGGAGCTGG  
 ACATACATGGCATCTTCTTCCGCTCGCTCAGCGAGACACGCTCCAGTCTGCTGGCCACCTGCCCATGCT  
 CCAGCGTCTGCATCTGCAGTTGAACCTTATCAGCCAGGCCAGCTCAGCATCTTCGGCGCTTCCCTGGC  
 CTGCGGTACGTGGACTTGTGAGACAACCGCATCAGTGGAGCTGCAGAACCCGCGGCTGCCACAGGGGAGG  
 TAGAGGCGGACTGTGGGGAGAGAGTCTGGCCACAGTCCCGGGACCTTGCTCTGGGCCCCTGGGACCCCC  
 CGGCTCAGAGGCCCTCATGCCGAGCTGCAGGACCTCAACTTCACTTGGACCTGTCTCGGAACAACCTA  
 GTGACTGTTTCAAGCGGAGATGTTTGTCCGGCTGGCGCGCTCCAGTGCCCTGGGCTGAGCCACAACAGCA  
 TCTCGCAGGCGGTCAATGGCTCGCAGTTCGTGCCTCTGAGCAACCTGCGGGTGTGGACCTGTCCCATAA  
 CAAGCTGGACCTGTACACGGGCGCTCGTTACGGAGCTGCCGCGGCTGGAGGCTTGGACCTCAGCTAC  
 AACAGCCAGCCCTTCAGCATGCGGGGCGTGGGCCACAATCTCAGCTTTGTGGCACAGCTGCCGGCCCTGC  
 GCTACCTGAGCTTGGCGCACAAATGGCATCCACAGCCGCTGTCCAGCAGCTCCGACGCGCTCGCTCCG  
 GGCCCTGGACTTCAGTGGCAATACCCGAGCCTGATGTGGGCGGAGGAGACCTCTATCTCCGCTTCTTC  
 CAAGGCTGAGAAGCCTGGTTAGCTGGACCTGTCCAGAAATCGCTGCATACCTCCTGCCACGCAACC  
 TGGACAACCTCCCCAAGAGCCTGCGGCTCCTGCGGCTCCGTGACAAATACCTGGCTTTCTTCAACTGGAG  
 GACCTGGCCCTTACCCAAGCTGGAAGCCTGGACCTGGCGGGAACAGCTGAAGGCCCTGAGCAAT  
 GGCAGCTTGGCCAACGCCAGCTCCAGAGGCTGGACCTCAGCGGCAACAGCATCGGCTTCGTGCTCC  
 CCGCTTTTTCGCTTGGCGGTGAGGCTTCAGAGCTCAACCTCAGCGCCAACGCCCTCAAGACGGCGGA  
 GCCCTCCTGGTTTGGTTCCCTGGCGGGTGCCTGAAAGTCTTAGACGTGACCGCCAACCCCTTGCAATTG  
 CTTGCGGCGCAACCTTCTGTGGAGTTCGTGAGGCTGCGGCTGCGGCTGAGCCTGGCTGTGCCCATG  
 TCAAGTGCGGACAGCCCGGCGAGCTCCAGGCGCGAGCATCTTCGCACAGGACCTGCGCCTCTGCGTGA  
 CGAAGCGCTCTCCTGGGTCTGTTTCAGCCTCTCGCTGCTGGCTGTGGCCCTGAGCCTGGCTGTGCCCATG  
 CTGCACAGCTCTGTGGCTGGGACCTCTGGTACTGCTTCCACCTGTGCTGGCTGGCTGCCCGGCGGG

GGCGGCGGCGGGGTGTGGATGCCCTGGCCTACGACGCCTTCGTGGTCTTCGACAAGGCGCAGAGCTCGGT  
 GGCGGACTGGGTGTACAATGAGCTGCGGGTACAGCTAGAGGAGCGCCGTGGGCGCCGGGCGCTACGCCTG  
 TGTCTGGAGGAACGTGACTGGGTACCCGGCAAAACCCCTCTTCGAGAACCCTCTGGGCCTCAGTTTACAGCA  
 GCCGCAAGACGCTGTTTTGTCTGGCCCGCACGGACAGAGTCAGCGGCCCTCTGCGTGCCAGCTTCCTGCT  
 GGCCCAACAGCGCCTGCTGGAGGACCGCAAGGACGTCGTGGTGCTGGTGATCCTGTGCCCCGACGCCCCAC  
 CGCTCCCGCTATGTGCGGCTGCGCCAGCGCCTCTGCCGCCAGAGTGTCTCTCTGGCCCCACGACCCCA  
 GTGGCCAGCGCAGCTTCTGGGCCCAGCTGGGCGACGGCCCTGACCAGGGACAACCGCCACTTCTACAACAG  
 CCAGCCCTTCAGCAGAGGCTCCAAGAGCGTGGCCCGCAGGGTCTTCCAAGCCCTAGAGGGGCTGAAAATG  
 GTGGAAAAGGACCAAGATGGGGGCCGAAACTGACACCTCAGGGACAGCGGGATCTGGACAGAAATCGCCG  
 GACAGGTGGCAGCTGCCAACAGAAGCATTAGAACAAATGCTGGGTTAATAAATTGCCTCATTGTAAAA  
 AAAAAAAAAAAAAA

>GBCA0024 |Acc|AB080972|Ver|AB080972.1 GI:28812183|Canis familiaris CA6 mRNA for carbonic anhydrase VI, complete cds.

GATTGCAGACCCGCGCACCATGAGGGCTCTGGCGCTGCTGCTGGCTCTGCCCCCTCTGGGGGCCCCGGGCC  
 CAGCACGGTTCCCTGTGGGCTACTCAGAGGGGGCACTGGACCAAGTGCCTGGCCCAAGGGAGTACCCCA  
 CCTGCGGGGGGACGAGACAGTACCCATCGACCTGCAGAGGAGGAAGGTTCACTACAACCCCTCCCTGAA  
 GGCTCTGAAGCTGACCGGCTACAGGATCCAGGTGGGCGAGTTCCCCATGATCAACAACGGCCACACAGTG  
 CAGATCAGCCTGCCCCCGACCATGCGCATGATGGCCTCTGATGGCACCAGGTACATAGCTCAACAGATGC  
 ACTTCCACTGGGGTGGCGCGTCTCTCAGAGATCAGCGGCTCGGAGCATACCATCGATGGGATCAGATTTGT  
 GGCTGAGATTACATCGTTCACTACAATTCTAAATACAAGAGCTACGATATAGCCCAACATGAACCGGAT  
 GGTGGCTGTGCTGGCAGCCCTTGTTAAGGTCGAGGATTATGGTGAGAACACTTACTATAGCAACTTCA  
 TTTCTCACTTGAACAACATCAGGTATCCAGGACAAAGCACAGTTCTGAGTGGCCTTGACATTGAAGACAT  
 GCTGCGCTGAGAACCACCACTACTATACCTACCTGGGTGCGTCACTACTCTCCCTGTACTGAGAAC  
 GTCCATTGGTTTGTGCTGGTACATCATGTCCGGCTCTCCAGCATAACAGACTTGAAGCTTGAGAAATCCA  
 TATTGGATCACCAGAATAAGACCTCCACAGTGACTACCGCAGGATCCAGCCCTGAATGGCAGAGTGGT  
 GGAAAGCACTTTGTGAATCTCCCTAGTCAGGGTTCTGAGTTCAGTTTTACGTAAATAAGCTCAACAA  
 AAGCTTGAATGAGGTTGCGGACTTCTCGAAAAGACGAAAGTGGAACCAACCGCACATACCAAGCTT  
 GAAGGGAGAGATGTGTAGGAGGAAGAGGTGGCCCTCCCCAGCTCTGAGAAATCCTACGTCGGGATCTCA  
 GCCTTCCCTTAGGCTCCTGTTTAGTTTCTGATTAAGACCATCATCCGTGAGCAGACGTGAGATGGTTAA  
 GGGTATGAGAAGGGGTTTGTGAGACGACAATAATGGGAATTGATTGGAATAGAAATTTAAAGGAAATGGA  
 GCCCTGCTACCTTCCATCGAATCATGCTGTTTCTATGTAATTAAGAGCAGCCAGACTGTGGGA  
 TTTGGGTGTAATAAAATATCTTTGGGAATTTTTTTCATTGGAACCAACCAACCAACCAACCAACCAAC  
 AAAAAAAAAAAAAAAAAA

>GBCA0025 |Acc|AY169792|Ver|AY169792.1 GI:28628178|Canis familiaris beta-defensin-like peptide 3 mRNA, complete cds.

CTTTGCTTGTCACTTCGTCAAGACCAGAGACGAGTCCCTTGAGTTGCCTGAAGACATGAAGGCTTTTTTGC  
 TGACTTTGGCTGCGCTGGTCTTTTGTCCAGGTCACCTTCAGGCAGTGCTGAAAAATGCTGGAATCTTCG  
 TGGCTCCTGCCGTGAGAAATGCATCAAGAATGAAAAGCTTTACATTTTCTGCACGAGTGGAACATATGC  
 TGTCTGAAGCCCAAGTTCCAGCCAAATATGTTACAGAGAAATAGAAAAGACAATCCTAAAATTTGCCTGG  
 AACTACAAAAGATCTTGAATATCCAGAGCAATCTTGATAAAGAAGAACAAGCTGGAAGCATTGTACTTC  
 TTGATTTAAACTATTTTACAAAGCTATCTATGGTAATCAAAACAGTGTGAAACAGACATAAAACAGAC  
 ACATAGATCAATGGGACAAAATTGAGAGTCAAGAAATAAGCCTACACCTATATGGTCAACTAATATTGA  
 CAAA

>GBCA0026 |Acc|AY169791|Ver|AY169791.1 GI:28628176|Canis familiaris beta-defensin-like peptide 2 mRNA, complete cds.

CCTTTGCTTGTCACTTCGTCAAGACCAGAGACGAGTCCCTTGAGTTGCCTGAAGACATGAAGGCTTTTTTG  
 CTGACTTTGGCTGCGCTGGTCTTTTGTCCAGGTCACCTTCAGGCAGTGCTGAAAAATGCTGGAATCTTC  
 GTGGCTCCTGCCGTGAGAAATGCATCAAGAATGAAAAGCTTTACATTTTCTGCACGAGTGGAACATATG  
 CTGCTGAAGCCCAAGTTCCAGCCAAATATGTTACAGAGGTCTGTGCAATCTGACACTTAGCACATACA  
 TCAGCATGTATAGTTTAGTGGGCTATCTTACCCAGAAAGAAATAGAAAAGACAATCCTAAAATTTGCCTG  
 GAACCAAAAAGATCTTGAATATCCAGAGCAATCTTGATAAAGAAGAACAAGCTGGAAGCATCACAAAT  
 CCAGATTCAAGTTATATTACAAAGCCATAGTAATCAAAACAGTATGGTACTGGCATAGAAAATAGACAT  
 GTAAAAAAAAAA

>GBCA0027 |Acc|AB090353|Ver|AB090353.1 GI:28557107|Canis familiaris HGF mRNA for hepatocyte growth factor, complete cds.

ATGTGGGTGACCAAGCTCCTGCCCTGCTGGTGTGTCAGCAGCTCCTCCTGCACCTCCTCCTGCTGCCCCG  
 TCGCCGTCCCCCGTGCAGAAAGACAGAAGAAAAGAAGAAACACACTTCATGAATTCAAAAAGTCAGCAAA



GACTACTCTAATTAAAGAAGACCCATTACTGAAGATAAAAAACAAAAAATGAACACTGCAGACCAATGT  
GCCAATAGATGTATTAGGAATAAAGGACTTCCATTCACTTGCAAGGCCCTTGTGTTTATGATAAAGCAAGGA  
AACGATGCCTCTGGTTCCCTTTCAATAGCATGACAAGTGGAGTGAAAAAGAGTTTGGTCATGAATTTGA  
TCTCTATGAAAACAAAGACTACATTAGGAAGTGCATCATTGGTAAAGGAGGTAGCTACAAGGGGACAGTG  
TCTATCACTAAGAGTGGCATCAAATGCCAGCCCTGGAATTCCATGATACCACATGAACACAGCTTTTTCG  
CTTCGAGCTATCGGGGTAAAGACCTACAGGAAACTACTGTGCAATCCTCGAGGGGAAGAAGGGGGACC  
TTGGTGTTCACAAGCAATCCAGAGGTACGCTACGAGTCTGTGACATTCCCTCAGTGTTCAGAAGTTGAA  
TGCATGACCTGCAATGGGGAAAGTTATCGAGGTCCCATGGATCACACAGAATCGGGCAAGATTTGTCAGC  
GCTGGGATCATCAGACACCGCACCGGCACAAATCTTGCCGGAAGATATCCCGACAAGGGCTTTGATGA  
TAATTATTGCCGCAACCCTGATGGCAAGCCGAGGCCATGGTGTCTATACTCTTGACCCCTGACACCCCTGG  
GAGTACTGTGCAATTAATAATGTGTGCTCACAGTACTATGAATGATACAGATGTCCCTATGGAACAACCTG  
AATGCATTCGAAGGTCAAGGAGAAGGTTACCGGGGCACCATCAATACCATTGGAATGGAGTTCCGTGTCA  
GCGTTGGGATTTCCAGTATCCTCACCAGCATGACATAACTCCTGAAAATTTCAAGTGCAAGGACCTAAGA  
GAAAATTATTGCCGAAATCCAGATGGGGCTGAGTCACCTGGTGTGTTTACCACTGATCCAAACATCCGAG  
TTGGCTACTGCTCCCAAAATCCAAATGTGATGTGTCAAGTGGACAAGATTGTTATCGGGGAATGGCAA  
AAATTATATGGGCAATTTATCCAAACACGATCTGGACTAACATGTTCAATGTGGGAGAAGAACATGGAA  
GACTTACATAGGCATATCTTCTGGGAACAGATGCTAGTAAGCTGAATAAGAAATTAAGTCCCGGAATCCTG  
ATGACGATGCCCCATGGTCCCTGGTGTACACGGGAAATCCTCTCATTCCATGGGATTAATGTCCTATTTT  
TCGTTGTGAAGGTGATACACACCTACAATAGTCAATTTAGACCATCCTGTAATATCTTGTGCCAAACA  
AAACAATTACGAGTTGTAAATGGAATCCAACACGGACTAATGTAGGATGGATGGTTAGTTTGAATACA  
GAAATAAACATATCTGTGGAGGATCATGTGATAAAGGAAAGTTGGATTCTTACTGCAAGACAATGTTTCCC  
CTCTCGAAACAGAGACTTGAAAGATTATGAAGCTTGGCTTGGGATTCATGACGTCACGGAAGGAGAT  
GTGAAACGCAACAGGTTCTGAATGTTTCCAGCTGGTATATGGGCCCTGAAGGATCAGATCTGGTATTAC  
TGAAGCTTGCTAGGCCCGCTATCCTGGATGATTTTGTGTAGTACAATCGATTTACCTAATTATGGATGCAC  
CATTCTGAAAAAACCACTTGCAGTGTGTTATGGCTGGGGTTACTGGATCGATCAACTTTGATGGTCTA  
TTACGAGTAGCACATCTCTATATTATGGGGAATGAGAAATGCAGCCAATACCATCAAGGGAAGGTGACAC  
TGAATGAGTCTGAAATATGTGCTGGAGCTGAAAATATTGTATCAGGACCATGTGAGGGAGATTATGGTGG  
CCCACTTGTGTTGCGAACAACATAAAATGAGGATGGTTCCTGGCGTCATTGTTCTGTCGTGGATGTGCC  
ATTCCAAATCGTCTGGCATTGTTTGTCCGAGTAGCATATTATGCAAAATGGATACACAAAATTATATTAA  
CGTATAAGATACAACAGTCATAG

>GBCA0028 |Acc|AF491301|Ver|AF491301.1 GI:20069142|Canis familiaris TCE1L mRNA, complete cds.

CCACCATGGAGGAGTACCACAGGCACCTGCGACGAGGTTGGCTTCAATGCTGATGAAGCTCACAATATTGT  
GAAGGAGTGTATAGATGGGGTCTTGGGTGGTGAAGATTATAACCAGAACACATCAACCAATGGACTGCA  
AGCATAGTGAACCAATCTTAACACATTTGGTTAGGTTGGGAAAAGCTATATAATATATTTGTGACCTGTG  
CAGTGGTCCAGAGGAGTGCCATGCGCTTTCACACAGCCAGCTCATGTTTTTGGGACACCACATCTGATGG  
AACCTGTACCGTAAGATGGGAGAACCGAACCATGAAGTGTATGTCATGTTTTTGGCCATTGCTATTGTT  
CTGTGACAGACTAAAAATGTTCCGCCAAAGCCATTAACCTAAGAATTTGTGAGTGTATCCTTTCTAAAAA  
GAGTAGTTACTTTATTAATGTGTTAGATGACAAGTGTGCAATATGCTTTCAAAAGCTAGCAACAAAACTG  
AATATTATAAGCAAGCAATGTATAGTAAGTTGGCAGTTTATCTCATCTATCCGGCATCATTTAAATAG  
GAAAAAATTAATGTTGGCAAAACACAAAAACAAATACGGCATGACATGAAAAATACAATCTTATGTTTACA  
CCGGCTTTTCTACTAACATGTACCTAAGAAGATGGAGAAATCCATTCAGATAATGAAATCTGTTTCATCT  
AGGGAAGTTAACAGGAATAAATGTATGGACCCCCCCCCAAAAAAGCTGCAGAGATAAATGTAGAGA  
AAATAATAACTGGCTAACACTTCTTAGTTTTTCAATTTCTTCTCACTCAGTTGTAAACATCATTTAGTGGG  
AAATAGTTCTGTTTCATTTTTTCCCTACCAACTATTATTGCAGTAGCAACCATCACTGACTTGTACTTT  
TCTGAGAAATTGTCAAGACAGTTTTTAAATTCAGATTCTTGGATTTACATTTGAGGGCCAAATAAATCT  
GGTAACCTGAATCCCTAGTTTAAACATAATTCATGACTGTGTGATGAAAAGTACACAACACTGACAGCTG  
CCTTACAACCTGACTCATTTTCATGTAGATCTAACATTTATGGAATTCCTATTATAAGCATATTTTCTCTT  
AGCATTATAGTTATCAATGTACTGTGCAATTTCTGGCACCTGTTCAAGTTGGACAGCTAACATGTTGGGG  
AAGAAATAAGGAATTGTTTTACAAGAAGAAAACAAATCTGGTTATCCATGTAGAAGTAAGCAAAATGAAT  
AGCACTTATTGCTGACAGAGAAATTATAGATGTCATTTTAAGCATTGCTCCTAGCAAGTAAAAAATATGC  
ATAAAATATGCAACTCTTAGTTAAAGGCCTTACTAGCAGTATAACTACACAGATCGTCAGTTTTATCATT  
GCTTTAGTTACAATCATCTGTAAATAATTTAAATCTACATGGGGTTCAAATTGAGTGGAAATCAAGTATA  
GATTAAGTATACAATCATTTAGCAGGTTAATGAATATCTCAGGGCTTATGAAATGTAGTTAAATTTATT  
AAAAATAAAGATGAAAAATTAGGGTACATAGCTGGTCAACCAATATGAAGTCAATCTAGTTATTTAACCT  
GGAAATAAATTAAGTTTGCATATTACTAATAATACTAATATGTTTAGAGAGTGGAAATCATGATTCATT  
GCATTTTGAGGGGAAGGCTTATATTAGTACTGACAATATTAAGATAGTAGATATTCTTGTAGGAAT

ACTACGTGCATGTTTGATATGTTGCTGAATAACAGTAATTGGTTAATGTTTAAGAAGAATATTAAAATAT  
GAGGATAGAGTTTCATGCAGTGATCTACATTTTTGGGCACGTCAAAAATTTCTCACAGCCATTACCTTTAT  
TTTACTTTGCACTGCTAGCTTTTTGTGCCCTTGAAGAATATATAGTGACCAAAATATCTGTGCGGGTAAGG  
CTTGCTTTTGGGTATTATTATTGAAGCCTGATTCTTAAAGGAATAATAATCAAAATATACCT  
>GBCA0029 |Acc|AF470624|Ver|AF470624.1 GI:28194213|Canis familiaris type IV collagen  
alpha 5 (COL4A5) mRNA, complete cds.  
TTCTTCCACTCTTAAAAAGCTTTCTCCTCACCTAAGCCGACGGGCACAAATTGGGACACCCTCGCTGCTCC  
TCTCTGCCCTAGCTCTCTCCCCACAACTCAAGATTATGTCAGTTGGTCAGAGCTAGCCAGAGATCTCG  
TGCGGGTGCTGAAGGAGCTGCGGGAGCCGGGAGAAGAATGAAACTGCGTGGAGTCAGCCTGGCTGCCGGCT  
GGTTCTTACTGGCCCTGAGTCTTTGGGGGACGCCCGCAGAGGCTGCGGCTTGCATGGGTGTTCTCCAGG  
ATCAAAATGTGACTGTAGTGGTGTAAAAGGAGAAAAGGGGGAGAGAGGATTTCCGGGTTTGGAAAGGCCAT  
CCAGGTTTGCCTGGATTTCCAGGTCCAGAAGGGCCTCCAGGGCCTCGGGGACAAAAGGGTGATGATGGAA  
TTCGAGGGGCCACCAGGACCAAAAGGGATCAGAGGTCTCTGGACTTCTGGATTTCCAGGGACACCGGG  
TCTTCTTGGAAATGCCAGGCCATGATGGGGCCCCAGGACCTCAAGGTATCCCTGGATGCAATGGAACCAAG  
GGAGAACGTGGATTTCCAGGCAGTCTGGTCTTCTGGTCTAGAGGGTCTCCGGGACCTCCTGGGATCC  
CAGGTATGAAGGGAGAACCAGGTAGTATAATTATGTCATCACTGCCAGGACCAAAAGGGTAATCCAGGATA  
TCCAGGTCTCTGGAATACAAGGCCAGCTGGTCCCCTGGTCTTACCAGGGCAATTTGGTCCCCCAGGA  
CCACCTGGTTTATGGGCCCTCTGGTCCACCAGGACTTCCAGGACCAAGGGGAATATGGGCTTAAATT  
TCCAGGGACCCAAAGGTGAAAAGGTGAGCAAGGCTTTCAGGGTCCCCCTGGTCTCTCTGGGCAGATCAG  
TGAACAGAAAAGACCAATTGATGTAGAGTTTCAGAAAGGAGATCAGGGACTTCTGGTGACCGAGGGCCT  
CCTGGACCTCCAGGGATACGTGGTCTCCAGGTCTCCAGGTGGTATGAAAGGTGAGAAGGGTGAACAAG  
GAGAGCCAGGCAAAAGAGGTAAACCGGGCAAAAGATGGAGAGAATGGCCAACCAGGAATTCCAGGTTTACC  
TGGTGATCTCTGGTTACCTGGTGGTGAACCAGGAAGGGATGGAGAAAAGGGCCAAAAGGTGACATTGGCTCA  
ACTGGGCCCTCTGGACTTGTAATTTCTAGGCCTGGGACCGGTGTAAGTGTAGGAGAGAAAGGAAACATGG  
GGTTACCTGGCTTGCCTGGAGAAAAAGGAGAGCGAGGATTTCTGGAATACAGGGTCCACCTGGCCTTCC  
TGGACCTCCAGGGACTGCAGTTATGGGTCTCTGGCCCCCTGGCTTTCTGGAGAAAGGGGCCAGAAA  
GGTGATGAAGGCCCACTGGAATATCTATTCTGGATTTCCTGGACTTGATGGGCAGCCTGGGGCTCCTG  
GACTTCGAGGGCCTCCTGGCCCTCCTGGCCCTCACATCTCTCCTAGTGATGAGATATGTGAAACAGGCCC  
TCCAGGCCCTCCCGGATCTCCAGGTGATAGAGGACTCCAGGAGAACAAAGGAGTGAAAGGTGACAAAGGT  
GATACCTGCTTCACTGTATTGGAAGTGGCGTTTCAGGGCCTCGAGGTCAACCTGGTCTCCAGGTCTTC  
CAGGTCTCCAGGATCTCTTGGTTTCCCTGGACAGAAGGGAGAGAAAAGGACATGCTGGTCTAACAGGTC  
CAAAGGATTAAACAGGCATACCGGGAGCTCCAGGTCTCCAGGCTTTCTGGATCTAAAGGTGAACCTGGT  
GACGTCTCTACTTTTCCAGGAATGAAGGGTGACAAAGGAGAGTTGGGTTACCTGGAGCCCCCTGGGCCTC  
CTGGTTTACCTGGAACCCCTGGACAGGATGGACTGCCAGGGCTTCTGGCCCCAAAGGAGAACCTGGTGG  
AATTGGTTTTAAGGCTGAAGAGGTCCCTGGGATTCAGGCTTCCAGGTCTCCAGGGATGATGTTGGGCCAAAAG  
CCTATGGGCCCTGTGGGTTTTGGCCCTCCAGGCCAGTAGGTGAAAAAGGCATACAAGGTGTGGCAGGAA  
ATCCAGGCCAGCCGGGAATACCAGGTCTTAAAGGTGATCCAGGTGAGACCATAACCCAGCCAGGGAAGCC  
TGGCCTGCCCTGGTAATCCAGGCAGACATGGTGAAGTAGGGCTTCCGGGTGACCCTGGACTTCCCGGCCCG  
CCGGCTTGCCAGGAATACCCGGTAATAAAGGAGAACCAAGGTATCCCTGGAATTGGGCTTCTTGGAACCA  
CTGGTCCCAAAGGTTTTCTGGAATTCAAGGACCTCCAGGAGCACCTGGGACACCTGGAAGAATTGGTCT  
AGAAGGCCCTTCTGGGCCACCCAGGCTTTCCAGGACCAAGGGAGAACCAAGGACTTGGGCTGCCTGGGCCA  
CCTGGACCCCCAGGACTCCCAGGTTTCAAAGGAACACTTGGTCCAAAAGGAGATCGTGGTTTCCCAGGAC  
CTCCAGGTCTTCCCGGACGTACTGGCTTGGATGGGCTCCTGGACCAAAAGGTGATGTTGGGCCAAAAGG  
ACAACCTGGACCAATGGGACCTCCTGGGCTTCCAGGAATAGGTGTTTCAAGGACCAACAGGGCCACCAGGG  
ATTCTGGACAGTAGGTGAACCTGGCTTACACGGAATACCAGGAGAGAAGGGAGATCCAGGGCCTCCTG  
GGTTTGACGTTCTAGGACCCCTGGTGAGAGAGGCACTCCAGGGATTTCTGGAGCACCTGGTCTATGGG  
ACCCAGGAAACAGGTATCTCTGGAGTTTCAAGGCCAAAAGGTTTACAGGTTTCCAGGTGCCAAAGGTGAAATG  
GGTATGATGGGACCTCCCGGCCCTCCAGGACCTTTGGGAATTCTGGCAGGAGTGGTGTCTCTGGTCTAA  
AAGGTGATAATGGTTTGCAGGGTCAAGCAGGACCTCCTGGCCCTGAAGGAGAAAAGGTGGTAAAGGAGA  
GCCTGGCCCTTCCAGGCCCTCCTGGACCACTGGATCCAGATCTGTTGGGCTCAAAGGAGAGAAGGGGGAC  
CTGGCTTACAGGTATCTCTGGAGTTTCAAGGCCAAAAGGTTTACAGGGTTTGCCTGGAGACCAAGGGC  
AACCTGGACTGAGTGGACAACCTGGATTACCAGGACCATCAGGTCCCAAAGGTAACCCCGGCCCTCCTGG  
GAAACCAGGGCTTACAGGACCTCCTGGGCTTAAAGGAAGCATAGGTGATATGGGTTTTCCAGGTCTCAG  
GGTGTGAAAGGGTCTCCTGGACCTCCTGGAGTTCTGGACAACCTGGCTCCCCAGGATTACCTGGACAAA  
AAGGTGAAAAAGGTGATCCTGGTGTTCAGGCATGGTCTTCCAGGTCTTCTGGCCCCAAAGGGTGAAGC  
TGGTCTTCTGGATACCCAGGAAACCTTGAATCAAAGGTCTATGGGAGATACTGGTTTGCCTGGATTA  
CCAGGGACCCCTGGAGCAAAAGGACAACAGGCCTTCTGGATTCCCCGGAACCCAGGACTTCTGGAC



CAAAAGGTATTAATGGTCCTCCTGGGAACCCCTGGCCTTCCAGGAGAACCTGGTCCCCTAGGTGGTGGAGG  
GCGTCCTGGGCCACCAGGGCCTCCAGGTGAAAAAGGAAACCCAGGTCAAGATGGTATTCCTGGACCAGCT  
GGACAGAAGGGTGAACCAGGTCAACCAGGCTTTGGAATCCCAGGACCCCTGGACTCCCAGGACTTTCTG  
GTCAAAAGGGTGATGGAGGATTACCTGGCATTCCAGGAAACCCCTGGCCTTCTGGTCCAAAAGGAGAACC  
AGGCTTTTCAGGGTTTCCCTGGTGTCCAGGGTCCCCCAGGCCCCCTGGCTCTCCAGGTCCAGCTCTGGAA  
GGCCCTAAAGGCCAACCCCTGGGCCCTCAGGGTCCTCCTGGGAGACCAGGTCTACAGGTTTTCAAGGTCTAC  
CAGGTCCAGAAGGTCCCCGGGGTCTCCCTGGAAATGGAGGTATTAAAGGAGAGAGAGGAAACCCAGGCCA  
ACCTGGGCAACCTGGTTTGCCTGGCTTGAAAGGAGATCAAGGACCACCAGGAATCCAGGGTAATCCTGGC  
CGGCCAGGTCTCAATGGAATGAAAGGAGATCCTGGTCTCCCTGGTGTTCAGGATTTCCAGGTATGAAGG  
GACCCAGTGGAGTACCAGGTTTCAGCTGGCCCTGAGGGGGATCCAGGACTTGTGGGCCACCAGGTCCCC  
TGGACTACCTGGTCTTCAGGACAGAGTATTATAATCAAAGGAGATGTTGGTCTCCAGGGATCCCAGGC  
CAGCCTGGATTAAAGGTCTACCAGGACTACCAGGACCTCAGGGCTTACCAGGTCCAAATTGGCCCTCCAG  
GAGATCCAGSAGCGCAACGGACTCCCTGGCTTTGATGGCGCTGGAGGGCGCAAAGGAGACCCAGGTCTGCC  
AGGCTGAGCAGGT  
CCAGGAACCTTCTCTATTGCCCATGGATTCTCATCACACGTCACAGCCAGACAACAGATGCACCACAAT  
GCCACATGGAACGTGTCCAGATTTATGAAGGCTTTTCTCTCTTATATGTCCAAGGAAATAAAGAGCTCA  
CGGTCAAGACTTGGGGACGGCTGGCAGTTGCCTTCGTGCTTCAGTACCATGCCCTTTCATGTTCTGCAAC  
ATCAACAATGTTTCCAGATTTGCTTCAAGAAATGATTATTCTTACTGGCTGTCTACCCAGAGGCCCTCT  
CAATGAGCATGGAGCCCTGAAGGGCCAGAGCATCCAGCCATTTCATTAGTCGATGTGCAGTATGCGAAGC  
TCCAGCTGTGGTGATTGCAGTTCACAGTCAGACCATCCAGATTCCCCATTGTCTCAGCGATGGGATTCT  
CTCTGGATTGGCTATTCTTTCATGATGCACACGAGCGCAGGAGCAGAGGGCTCAGGTCAAGCCCTGGCCT  
CCCCTGGTTCCCTGCTTGGGAAGAGTTTCGTTTCAGCTCCGTTTCATTGAATGTCTATGGCGGGGTACCTGCAA  
CTACTATGCCAACTCCTACAGCTTTTGGCTAGCAACTGTAGATGTGTCAAGATATGTTTCAGCAAACCTCAG  
TCAGAAACACTGAAAGCAGGAGACTTGAGACACGACGTATTAGCCGATGTCAAGTGTGCATGAAGAGGAC  
ATAACATTTTGAAGAACCTGCGTGTTTTAAATGTGATATATATATATATATATATATATATATATATAT  
AT  
GATCTTGTGGAGTGCACAGAAGGATACTCATTTGAGAATGTAAAAAAGCACCTAAGAGCCAGAACTCA  
ACTATATATGACCAAGAGAACATGCTGACTAGTAACCATGAAGATTGCGATGTACCTCAACAATGTGCCA  
GAGCAAGGTCTCTATTATTTTTTTATGAGTGAAATAAGAAACGAATTTACTTTTTGGGTCCAGAATGAC  
TTTCCCCAAGGATTATAAGATGAAGATGACATATTTTGCCAGTGACTAAAACAGCACATTAAAAATTCA  
ATTAAGAGAAGAAATCATACTGAGTAAAATAAAAGACTGCAGTTTGGGGGAAGAATTATTTTTTACGGTGC  
TCTAATCCTGCTG

>GBCA0030 |Acc|AY094361|Ver|AY094361.1 GI:20334923|Canis familiaris mast cell growth factor (KITLG) mRNA, partial cds.

GCTCCTATTTAATCCTCTGGTCAAACTAAAGGGATCTGCGGGAAACGTGTGACTGATGATGTGAAGGAC  
GTTACAAAATTGGTGGCAAATCTTCCAAAAGACTATAAGATAGCCCTCAAATATGTCCCCGGGATGGATG  
TTTTGCCTAGTCATTGTTGGATAAGCGTGATGGTGGAAACAGTTGTGAGTCAGCTTGACTGATCTTCTGGA  
CAAGTTTTTCAAATATTTCTGAAGGCCTGAGTAATTATTTCTATCATAGACAACTTGTGAAAATAGTGGAT  
GATCTTGTGGAGTGCACAGAAGGATACTCATTTGAGAATGTAAAAAAGCACCTAAGAGCCAGAACTCA  
GGCTTTTTTACTCCTGAAGAATTCCTTAGAATTTTAAATAGATCCATCGATGCCTTTAAGGACTTGGAGAC  
GGTGGCATCTAAAAGTAGTGAATGTGTGGTTTCTTCAACCTTAAGTCCTGATAAAGATTCCAGAGTCAGT  
GTCACAAAACCATTTATGTTACCCCTGTTGCAGCCAGCTCCCTTAGGAATGACAGCAGTAGCAGTAATA  
GGAAGGCCCTCAAATTCATTGGGAGACTCCAACCTTACAATGGGCAGCCATGGCATTGCCAGCATTCTTTTC  
TCTTGTAAATTGGGTTTGTCTTTTGGAGCCTTATACTGGAAGAAGAAACAACCAATCTCACAAGGACAGTT  
GAAAATATACAGATTAATGAAGAGGATAATGAAATAAGTATGTTGCAAGAGAAAGAGAGGGAGTTTCAAG  
AGGTGTAATTGTGGCTTCTATCAACACTGTTACTTTTGTACCTTGGCGGGTAACAGTTTCATGTTT

>GBCA0031 |Acc|AB089264|Ver|AB089264.1 GI:28201160|Canis familiaris EDN2 mRNA for preproendothelin-2, complete cds.

GAGGAACAGAGGGCGACTGCCGTTGTGTCAGGCTGCTTAGCTCAGCACCGGTGCAACCCACGCTGTGCC  
CAGAAAAGCCCGGCTTCTGAGCTGGCAGGAGGAGGAGCAGAAATGCCGGCCCCCGGGGTGCACCACCCCA  
ACACTGCCCTGCGCTTTCTCTGAAGACAGTGGCCGAGGCAAGGGCCAGGTGGCCGCTGCCCGGAGCATCC  
AGCACCCCTCAGCCCGGGCCCCGAGGCTCCCACCTGCGGCCCTCGGCGTTGCTCCTGCAGCTCCTGGCTCGAC  
AAGGAGTGCCTCTACTTCTGCCACCTGGACATCATCTGGGTGAACACTCCCGGACAGACAGCTCCTTACG  
GCCTGGGAAACCCGCCAAGACGCCGGCGCCGCTCCCTGCCAAAGCGCTGCGAATGCTCCAGTGGCGGGGA  
CCCCGCCCTGTGCCACCTTCTGCCATCGACGCCCTGGGCGCAAGCTGTGGTCCCTCCAGGCAGCAGGTCC  
CCCGCAGACGTGTTCCAGGCTGGCAGGACGTGGACCTCCGCAGGAGAGCTCCTCCGGCAGCTGCGGGAACA  
TTTCTGCCGCAAGATCCGCTTTCTAGGCGACCCAGGAGGCGAGGAGGAGCTGAGGCCACACACCC  
AAGGCGGAGGAAGAGATAGCGCCGGTTGCCAGGGACCGCTGGCAAGGAGCCTGTGTGGAGCCGCGAGCAG

AGGAGCAGCCCCGGGCCAGGGACCCTGCCCGCCGGGGTGGCACAAGCTCTGGCCTCCCTGCAGGGCGCACC  
CTCATGCTGCCAGGAAAAACCTTCAGCCCCAGGCTGCAGAGTGGCTCCCCGGCCGGCCCCAGCCCCAC  
CGCCCCGCTGGAAGGAACCGCATGAGGAGTGCTCACCTGGAGGCCACGTCCGGAGAGGTTTCTGTCT  
TGTGGCTACAACCAGGATCGACGACGAGTGGTGGACACGCAACCGAAGCCGGCCCTGGGGCCCGGAGG  
GCCCTGGGGTCCCCGGGTGGCCCCCGTCTGTCCCCCTCCCCAGAGTCCCTCCTACCCCTCCTGCCCTGGGGACA  
CTCCAGGTGAGAAGGGCTGCTCTGTCTGTATATAAATTATTTGCTCTAAGAACTTTGAGAATCCCAGTT  
ATTTATTTTAAATGTATTTTTTTAGACTCAGTTATTTACCTGCGAACTTGTGTTTGTAAATAAACAGTGAA  
TGGTG

>GBCA0032 |Acc|AY195876|Ver|AY195876.1 GI:28192676|Canis familiaris 12-transmembrane domain co-transporter Cell mRNA, complete cds.

CCGCTCCCCGCGCACACGGGGGCGCACGGCGCACACTCGCGCTCCGGGACCGAGTCCCGGCCGTACCC  
CGCATGGGCCCCGAGGCCCGCGCGCGGGGGAGGGCGCGCGCGCTCGCCTCGAGGTGAGGACCTGGATCG  
AGCCGCTGGTGGTCCGCCACGACGAGGTGGGCTCTCCCTGTACGAGCGGGGCTGCTCTCGTGGTGAAGCG  
GTCCTTCGGGGCCGGGGCCGGGGCCGGGGCCGGCGCGGCTCCAAACCACAGCGCGCGGCCCGCGCGGGGG  
GCCCCGGAGGACGACGACGAGCAGCGGGCCATCTCAACTTCTACATCTCTACAACCTGGTGTGGGCCCTGA  
CGCCGCTGCTGCTCCGCTACGCGCTGGGCTGGCTCAGCGACCGGCCAACCGCAAGGTGCCATCTGCGT  
GGCCTGCTGGGCTTCTGCTGTGCGCGCTGGGCTGCTGCTCAAGTGCTGCTGGACTGGCCGTGGAG  
FTGCTGTACGGGGCGGCGGCGCTGAACGGGCTGTGCGGCGGCTTCTCGGCCCTTCTGGGCCGGCGTCATGG  
CCTGGGCTCCTTGGGCTCGTCCGAGGGCGCGCGCTCCGTGCGCTGGTCTCTATCAGCCTCATCTCGTGGG  
CCTGGCGGGCTTCTCGGGAGCATGGCTCGGGGCACTCTTCAAGCAGGTGGCTGGGCACTCGGGCAG  
GGCTGGTGCTCAGGGCTGCAGCGTCAGCTGTGCCACTTTCGCGCTCCTCTACAGGCTCTTGGTCTGTA  
AGGTCCCCGAGGCGGCGCGGCTCCGGCCAGGCACTCTCCGCGGGCGACTCGGTGGCCGGCACGGTTGG  
CACTATCGTACCTTGATCTGACCATCAGACAAGCAGAGCGTCAGGGGCTGCACCCCCATCTCCC  
GGAAAGCAAGCCCCGAGAACGATCATCGCCTGCTCTTCTGGTGCCATCGTATGACCTGGCAG  
TAGTGGGCACAGTGGACGTGATGCCCCTTTTCGTGCTAAGGGAGCCTCTCAGTTGGAACAAAGTGCAGGT  
GGCTTATGGCATGGCTCAGGGTGACACCATCTTCATCACCAGCTTCTTGGGCGTCTGTGCTCTCTCCGC  
TGCTTCCAGGACACCCACCATGATCATGATCGGTATGGTCTCTTTGGGTCAGGAGCCCTCTCTGGGCTT  
TTGTGAAAGAGACATACATGTTCTACATGCTCGAGCGCTCATGCTGTTGCTCTCATCTCCCTATCAAC  
CATCCGGTCAGCAATGTCCAAACTCATAAAGGGCTCCTCTTATGGAAGGTGTTTCGTATCCTGCGAGCTG  
TCCCTGACTCTGACGGGGGTGGTGACATCCACGGTGTAACAAGATCTATCAGGTACCATGGAAGGT  
TCATCGGCACTGTTTTGCT  
CTACAAACAAGCCTCGTGGTTGCAATATGGAGAGCTCAGGAGAGCTGAAGGTTCTGGCCTCAGGAGCT  
GCGAACACCAGCAACGGTGGAGCCCCTTTGAAGGCAAGGAAGGGACTGGGTGCTGGCGACCGGAGCCAC  
CCACGGGCCCCCGAAGCCCCAAGTTCAGCCAGAGTTGGCCTCGGAATGACCTGCTCTGGCTCAGGGCTC  
CTGGTGGGTGGGGAACGACACTTTCTTGGTGATAGAAGATTTTTCAGCTTTTGGATGTCCCTGCTAG  
ACAGAGGTTGGGTTCTGGGGACAGTAAAGTATGGCCTTTTCAGGGGTTATACACCGGTCATACACAGT  
ATGCCAGACACACAAGGGCTTCAGACGGCAGCCCCCTTTCTGCGGGAGTTGTCCCAGGGCTCCAAGA  
CAGCACTAGTCTATGTTGGTGCTGCGCTGGGAGCCCCACAATGAAACTCAAACCAAGCACACATTTTCA  
ACAGCCTAAGGGGAACCCAGAGGGGGTGTTTATAAGAACTCCCAATGTTTTGAAGATTTTGGGGCTCG  
GGCTCTTGGATTTCAGGGTACTTTTATTGCTCTTGTACTGTTGCTTATAAGAGGCAATATCAAAGACT  
TCTTTCAGTGAATAGATATTAGTATATTTTCAGCCAATGATATCTTCAAAGTGGGTGGTGTGAAAGGAG  
AGAGGAGATATGCCAAGAGCCATTTTATTTGGAGGTCCTTATTTTATAGCCTATTTTGNCTTACATCTAG  
AAAAGCAGACTCACTTCCAAATAAAATCGACATTTATTGTAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0033 |Acc|AF498324|Ver|AF498324.1 GI:28190691|Canis familiaris uromodulin precursor (Umod) mRNA, complete cds.

GAATTCTACTTTTCTGGCTTCAGGACTCCAGGCATCACAGACAGGGAGGAAACGCCAAGGGGTCAACCTG  
TCCTTGCCTTTGGGACAGGTCTTCTCCAGACACAGAAGTAACCTGTGAAGAGCAGAAAAAATGGGGCAGCTT  
TCCTCTCTTGACCTCGGTGTGGATGGTAGTGGTGAACCTCTTGGGTTCATCATAGCTGCAAAACATTGATA  
CTGTGGAAGCAAGAAGCTGCTGTGAATGTCACAGCAATGCCACCTGCATGGAGGATGGGATGGTCACAAAC  
ATGTTCTCTGCTGGTGGGTTTCACTGGCAGCGGCTTTGAGTGCCTGGACCTGGATGAATGTGCCATTCTCT  
GGTGCCCAACACTGCTCGGAGGGGAGCAGCTGTATGAATACGCTGGGCTCCTACCTCTGCACTGCCCCG  
ACGGCTTCCGTCTGACACCGGGGCTGGGCTGCATCGACGTGGATGAGTCTCGGAGCCGGGGCTCAGCCG  
TGCCATGCCCTGGCCACTGCATCAACAACAAGGCAATTACTGTCGCTGTGCCAGCGGGCTACCGA  
GGGGACGGGCAGCACTGTGAGTGCTCCCCGGGCTCCTGCGGCCCGGGCTTGGACTGCGTGCCCGTGGGCG  
ACGCGCTGGTGTGCGCGGACCGCTGGCCAGGAGCATCGCATCTCGATGAGTACTGCGGCAGCACCGAGTA  
CGGGGCGAGGTACACCTGCGACCGTGGGGCTGAACGGCTGGTACCGCTGACAGGGCCAGGTGGGGTGGCG  
CTGGCGGAGACCTCGCTGCCAGTCTGTGCATGCAACACGGCCGCGCCATGTGGCTCAATTGGCACACAC

CGACCAGAGACCAGGGGCATCGTGAACCGCACAGCCTGTGCGCACTGGAGGGGCCACTGCTGCCTGTGGGA  
 TGGCTCCATCCAGGTGAAGGCCTGCGCCGGCGGCTACTATGTCTACAACTCAGGAGACCCCTGAGTGC  
 TACCTGGCCTACTGCACAGACCCACCTCTGTGTTGGGGACATGTGAGGAGTGCAGTGTAGAAGAGGACT  
 GCAAATCCCATGATGGCATGTGGAGCTGCCAGTGCAAACAGGACTTCAATGTCACTGATCTCTTCCTTCT  
 GGACCGGCTGGAGTGTAGGCCCAATGATATCAAGGTGTCCCTGAGCAAGTGTGAGTGAAGAGCCTGGGC  
 TTTGAGAAGGTTTTTCATGTACCTGCGTGACAGCCAGTGCTCAGGCTTCAATGAGAGGGGCCACCGGACT  
 GGGTATCTGTGGTGACCCAGCCAGGGATGGTCCCTGTGGAACAGTGTGGTGAGGAATGAAACTCATGC  
 CACATACAGCAACACTCTTTACCTGGCAGATGAGATCGTCATCCGTGACCGCAACATCAAAATCACTTT  
 GAGTGTTCCTACCCCTGGATATGAAAGTGAGCTTGGAGACCTCCCTGACGCGGATAGTCAGCTCTCTAA  
 ACATCAGCGTGGGCGGGACAGGCATGTTACCGTGCGGATGGCACTCTTCAGACTCCTGACTACACACA  
 GCCCTACCAAGGCTCCTCTGTGACCTGACTACCGAGGCCTTTCTCTATGTGGGCACCATGCTGGATGGG  
 GGTGATTTGTCCCGTTTGCAGTGTGATGACTAACTGTTATGCCACACCCAGCAGCAACGCCACAGACC  
 CCTTGAAGTACTTTCATCATCCAGGACAGATGTCCACGCCTACGGACTCAACCATCCAGGTGGTGGAGAA  
 TGGGAGTCCCCTGATGTTTTCAGTGATTGGCAGCTGGAACCTTCCGTTTGGCGGAACTACGACCTGGTCTAC  
 CTGCACTGTGAAGTGTATCTCTGCGACATCATTAATGAAAAATGCAACCTACCTGCTCTGGGACCAT  
 TCCGCACTGGAGGCATCATAGACCAAAGCCGCTCCTGAACCTGGGTCCCATCACACGGAATAATGTCCA  
 GGCAGTGGTCTCAAGGCTGCTTCCAGCAGCTTGGGGTTCCTGAAGGTCTGCCTGCCTCTGCTTCTATCG  
 GCCACCTCAGCTGATGTTTTCAGTGATTGGCAGCTGGAACCTGTGCTCTGTGGCTTCATTCTGCTG  
 GCTGGGGATGATGCCGCTTAGTGCTCCAGCCACAGAAAAGGGAACCTCACACTTCAGTCACCTGCTCCTCT  
 TTCCCACTTTAATCCTATTATCACAAAATATCTTAATATCTTTAAATCTGCCTTCTTTCAAATGG  
 GACTTGTGACATGTGTGCACATGAGGCCCATGTCTCCTTAAAGATTGTGGCAAAATAATAATAATTTTA  
 AGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0034 |Acc|U52916|Ver|U52916.1 GI:1777900|Canis familiaris transducin beta-3-subunit (GNB3) mRNA, complete cds.

GCCTTGTGGGGGACTGCTCCTATCACCCACACTCTTGCTCCCACTTACTGCCCCCTGGTCCCCCTGGG  
 CTGGGCCAAGGCTCTCTGGAAGCCACACACCTCCCTTCTGCGCTCTCCCACTGTTGCCAGCTGATT  
 TCATTTCCTGACGTTGTCTCATTGGCCCTACCTTCTCTGTGAGTGCTCCCCCAACCCCCAGAGTT  
 GGGGCCAGGCCAGGCCAGCTCCTCTGGCAGCAGAGCTGGGGCAGGTGACGGGTTGGCGTCGCAGCTGAGG  
 GAGTGAAGAGGCGCCTGGGAACTGGAGCTGGAACCTAGGAGAGGTGCAGTCAGAGTCCAAGAGCCGGAG  
 CTACACCTCAACCTATCAGCCATGGGGGAGATGGAGCAGCTACGGCAGGAAGCAGAGCAGCTCAAGAAGC  
 AGATTGCAGATGCCAGGAAAGCCTGTGCTGACACTACTCTGGCAGAGCTGGTGTGAGGCCTAGAGGTTGT  
 AGGAAGAGTCCAGATGCGGACACGGCGGACGTTAAGGGGACACCTAGCCAAGATCTATGCCATGCACTGG  
 GCCACCGATTCCAAGCTGCTGGTAAGTGCTCGCAAGATGGGAAGCTGATCGTGTGGGACACCTATACCA  
 CCAATAAGGTGCATGCTATCCCACTGCGCTCCTTGGGTCATGACCTGTGCCTATGCACCATCAGGGAA  
 CTTTGTGGCATGCGGGGGGCTGGACAACATGTGCTCCATCTACAGCCTCAAATCCCGTGAGGGTAATGTC  
 AAGGTGAGCCGGGAGCTGTCTGCTCACACAGGATATCTCTCTGCTGCCGCTTCTTGGATGACAACAACA  
 TTGTGACCACTTCTGGAGACACCACTTGTGCTCTGTGGGATATCGAGACCGGGCAGCAAAAGACGGTGT  
 TGTGGGACACACGGGGGATGTCATGAGTCTGGCTGTGCTCTCTGACTTCAAACCTCTTCAATTCGGGGGCC  
 TGTGACGCCAGCGCAAGCTCTGGGATGTGCGGGAGGGGACCTGCCGGCAGACTTTCACTGGCCATGAGT  
 CCGACATCAATGCTATCTGTTTTTCCCAACGGAGAGGCCATCTGCACAGGCTCGGACGACGCTCCTG  
 CCGCTGTTTGACCTGCGGGCTGACAGGAGCTGACTGCCTACTCCGACGAGAGCATCATCTGTGGCATC  
 ACATCTGTGGCCTTCTCCCTCAGCGGGCCGCTGCTCTTTCAGGCTACGACGACTTCAATTGCAACATCT  
 GGGACTCCATGAAGGCGGAGCGTGTGGGCATCCTCTCTGGCCATGACAACAGGGTCAGCTGCCTAGGGGT  
 CACAGCTGATGGGATGGCTGTGGCCACTGGCTCCTGGGACAGCTTCTCAAAGTCTGGAACCTAAGGAGGC  
 TGGACGAGGGGAGGTAAAGACCATGAAGACACTCAGCTACCCCTCCCTCCCTGCCCCAATTTTCTT  
 CTGAGGTTTCTTTATGTTTTTCTATACCTCAGCTGCCATTTCCACCCAGCTTTGTCTTTGAGGGCA  
 GTGGGGAATAAGGGAGTATGCTTTGGGAGACAGCATCAGGGACACAGGGCAAGAAATGCTCCATCTC  
 CTCCATGGCCTCCCTCTCCATGGTCTCTGAGCTTCTCCCTTAATGAGCAAGGACAACCTGATCCCTCCC  
 CAGCCCTTGGCAGGCCTAGCAGGCTTCCAGTCTGAGGCCCCAGGCCCTAGAATTCCTCCCGGAGCCACT  
 AACTTTGTCCAGACCTGGGTGGCAGAGGTGTGAGCTTTGTGACTATGGCTCTGGCATCACTAGGATCCTA  
 GCCCTTCTCATGATTTTCTTCTCTCCTTTATTTCTCTCCTAAAGGACCTAAAGGACAAATAAAGTG  
 TAGCACCTTA

>GBCA0035 |Acc|D78348|Ver|D78348.1 GI:1071649|Canis familiaris ZAP47 mRNA for zymogen granule membrane associated protein, complete cds.

ATGGCGTTCTTGATCTTGTGACTTTGGCCCTAGCATCTGCTCACTATTCTGGTGAGCACTTTGAAGGTG  
 AGAAGGTGTTCCGCGTCAATGTTGAAGATGAAATCATATCAACTTACTCCATACATTGGCCAGCACCAC  
 CCAGATTGACTTCTGGAAACAGATTCTGTACACAAATCAAACCTCAGGTACAGCTGACTTCCGGGTT

AAAGCAGAAGACATTTTGACGGTGGAGGATTTTCTGAAGCAGAATGAACTACACTATGAGGTATTGATAA  
ACAACCTGAGATTGGTGTGGAAGGTCAGTTTGGCAGGCAGGTCCCTGCAACTGGACACAGTTATGAGAA  
GTACAACAGATGGGAAACGATAGAGGCTTGGACCCAACAAGTCACCAAGTGAGAATCCAGACCTTATCTCT  
CGCAGATCCATCGGAACCACATTTGAAGGACGCACTATATACCTCCTCAAGGTTGGCAAAGCTGGACAAA  
ATAAGCCTGCCATTTTCATGGACTGTGGTTTCCATGCCAGAGAATGGATTTCCCTGCATTTTGGCAATG  
GTTTGTGAGAGAGGNTATTTCGCACCTATGGACAAGAGATCCACATGACAGAATTTCTCGACAAGTTAGAC  
TTTTATGTCTTGCTGTGGGCAATATTGATGGCTACGTCTACACCTGGACCAAGAACCGAATGTGGAGAA  
AGACCCGCTCCACTCAGGTTGGAACATACTGTGTTGGCAGACCCCCACCAGAAATTTTGATGCTGGTTG  
GTGCAAAATTGGAGCTTCTCGGAACCCCTGTGATGAACTTACTGTGGACCTGCTGCAGAGTCTGAAAAA  
GAGACCAAGGCCCTGGCTAATTTTCATCCGAGCAACCTCTCTTCCATTAAAGCATATCTGACAATCCACT  
CATACTCTCAAATGATGCTCTACCCCTTATTCCTATGATTATAAACTCACAGAGAACAATGCTGAGTTGAA  
TGCCCTGGCTAAAGCTACTGTAAAAGAACTTGCCACCCCTGCATGGCACCAAGTACACATATGGCCCGGGA  
GCTACAACAATATATCCTGCTGCTGGGGGCTCTGATGACTGGGCTTATGATCAAGGAATCAAATATTCCT  
TTACCTTTGAACTCCGGGACAAAGGCAGATACGGCTTTGCCCTCCCCGAATCCCAGATTAGTCCAACCTG  
TGAGGAGACACTGTTGGCCATCAAGCACCTTGCCAGATACGTCTGCAACATCTGTACTAG  
>GBCA0036 |Acc|D17397|Ver|D17397.1 GI:397824|Canis familiaris CYP2D mRNA for P-450 2D,  
complete cds.  
GAGCACCTGGCTGGCCAGCCCCAGGTCCCTGGTGTGGTGAGGGACACCGGCGTGCCCCACGAGCCCAGC  
GGGCACTGAGACAGCTATGGGGCTGTGACCGGGGACACGCTGGGGCCCCCTGGCCGTAGCCGTGGCCATC  
TTCTGCTCCTGGTAGACCTGATGCACCGGCGCAGGCGCTGGGCCACACGCTACCCGCCAGGCCCCACGC  
CAGTGCCCATGGTGGGCAACCTGCTGCAGATGGACTTCCAGGAACCAATCTGCTACTTCAGCCAGCTGCA  
AGGCCGCTTCGGAAACGTGTTTCAGCCTGGAGCTGGCCTGGACGCCGGTGGTCTGCTCAACGGCCTGGAG  
GCGGTGCGCGAGGCCCTGGTGCACCGCAGCGAGGACACTGCCGACCGCCACCTATGCCGATCTATGACC  
ACCTGGGTTTGGGGCCAGAATCCCAAGGGTTGTTCTTGGCGCGCTACGGGCGCGCGTGGCGCGAGCAGCG  
GCGCTTCTCGCTGTCCACCCTGCGCAACTTGGCCCTGGGCAGGAAGTCCCTGGAGCAGTGGGTGACCGAG  
GAGGCCTCGTGCTCTGCGCGGCCCTTCGCGGAGCAGGCGGGCGGCCCTTCGGCCCCGGCGCGCTGCTGA  
ACAAGGCGGTGAGCAACGTGATCTCGTCTGCTCACCTACGGGCGCGCTTCGAGTAGACGACCGCGCGCT  
GCTCCAGCTGCTGGAGCTCACCCAGCAGGCGCTGAAGCAGGACTCCGGCTTCTGCGTGAGGCCCTGAAC  
TCCATCCCCGTGCTCCTGCACATCCCGGGACTGGCCAGCAAGGTCTTCTCCGCGCAGAAGGCCATCATAA  
CCCTGACAAATGAAATGATCCAGGAGCACAGGAAGACCCGGGACCCACCCAGCCACCCCGACACCTGAT  
CGACGCCCTTCGTGGATGAGATAGAAAAAGCCAAAGGGAACCCCAAGACAGCTTCAATGAGGAGAACCCTG  
TGCATGGTGACCTCTGACCTGTTTCATCGCTGGGATGGTGTCCACCTCAATCACGCTGACCTGGGCCCTCC  
TGCTCATGATCCTGCACCCGGACGTGCAGCGACGTGTCCAGCAGGAGATAGATGAGGTGATAGGGCGGGA  
CGAGCTACCAGAGATGGGAGACCCAGACCCGTATGCCCTTCAACCGTGGCCGTGATCCATGAGGTGCAGCGT  
TTTGGGCGCTGCTCCACTCGGTGTGCCCCACATCAGCTCCGAGACACTGAAGTGCAGGGCTTCTCTCA  
TCCCCAAGGGGACGACACTCATCACCACCTGTCTGTCAGTGCTAAAGGACGAGAAGGTCTGGAAGAAGCC  
CTTCCGCTTCTACCCCGAGCACTTCTTGGACGCCAGGGCCACTTCGTCAAGCATGAGGCCTTCATGCCC  
TTCTCTGCAGGCCGCGCGCTCTGCCCTCGGGGAGCCCTTGGCCCGCATGGAGCTCTTCTCTTCTTACCT  
GCCTCCTGCAGCGCTTCAGCTTTTCAGTGCCTGCGGGGACGCCCCGGCCAGCGACACCGGGGTCTTCAC  
CTTCTGAAGGTTCCAGCCCCCTTCCAGCTCTGTGTGGAGCCTCGCTAGGGGACGGAACCAACCCCC  
GCCGCCCGGCTCCTCAGCAGGGGCCCCGAGGTACAATAAACAGTTTGGTGGCTCC  
>GBCA0037 |Acc|D16410|Ver|D16410.1 GI:303539|Canis familiaris mRNA for T-Cell receptor,  
complete cds.  
CGGCCGAGCTTCCCAGGGCTGCCATGGGCTCCAGGCTTCTCTGCTGTGTGGCCCTTTTCTCCTGGGAGC  
CGGCCCCCGTGGAGTCTGAGGTCTCAAACTCCAAGACACATGATCAAAGTCAAGAGGACAGACAGTGA  
CCTGAGATGTCCTTATCTCTGGACACTATCTGTGTACTGGTACCAACAGGCCCTTGATGGTCCGTTTACCG  
GTTTCTCATTACAGTCATCATAGTCAAAAAAGAAACATCCGGTCAAGATTCTCAGTGCAGCAGTTTCACTAA  
CTACAGCATCCAGCTTGTAGTGAATCCCTGGAGCCAGGAGACTCAGCCCTATATCTCTGTGCGCCAGCAG  
CGGGTACAGTGAGAGCTACGAGCGGTATTTTCGGAGCCGGCACCAGGCTCACGGTCTCGAGGATCTGCAG  
AAGGTACACCCCTCCACGGTACAGTGTGTAACCATCAGAAGCAGAGATCTCGCGGACCCAGAAGGCCA  
CACTCGTGTGCTGGCAGCGGGCTTCTACCCCGACACGTGGAGCTGAGCTGGTGGGAATGACTCCAGCTA  
CTGCTGTAGCGCCGCTTCAAGGCTCTGCTGCTTCTTGGCACACCCGCGCAACCACTTCCGCTGCCAA  
GTCCAGTTCTATGGGCTCGGGGACGACGATGAGTGGAAAGTACGATAGAGTCAAACCCATCACCCAGAACA  
TCAGTGTGAGGCTGGGGCAGAGCAGACTGTGGCTTCCACCTCGGTGTCTTACCATCAGGGCGTCTGTCT  
TGCCACCATCCTCTATGAGATCCTGCTGGGCAAGGCCACGCTGTATGCTGTGCTGGTTCAGCATCCTGGTG  
CTGATGGCTAAGGTCAAGAGAGAAAGTTTCTGAGACAGCTCCAAAAGTGCATCCTGAGATGATCATGAG  
CCTCACCTCAATTCTCTTTCGACGCTTCCAGTCTGCGTTTCTAAAAGAGTTATTCTCTCTACCTCT

TATCACCTTCCTGCTGGGATATCTGTCCCTCTCTCTGCTTCCCTGCAGACTGAGCTCCTCAAGCCTGAT  
 CCTGAAATAGACTAAAACAATAAAAGTGTCTGCCAGGC  
 >GBCA0038 |Acc|D16409|Ver|D16409.1 GI:303537|Canis familiaris mRNA for T-Cell receptor,  
 partial cds.  
 ATTCGCGGCCCGCGGTGCCAGTGTTCATCTGCTCCTTGGTCTCTGGCTCCTGAGTACAGGCACCCCTCA  
 ATGCAAAAGTCAATGCAGACTCCAGGACATCTGGTCAAAGGGAAAGGACAAAAAGCAAAATGGAATGTGT  
 CCCTAAAAGACAATGTTATGTTTTCTGGTATCAGCAGATCCAGCAAAAGAGTTCAGATTCTTGATTTCT  
 TTCCAGGATAACGCTGTCTTTGATAAAACAGGGATGCCACGCAGAGATTTTTAGCCTTGTGTCCAAAAA  
 ACCTACCCGTATGCCTAGAGATCGAGCGTACAGAGCTGCAGGATTCAGCCGTGTATTTTGTGCCAGCAG  
 TGATATACTCCTGGGACGAGACAGTATTTGCTGCGGCACCAGGCTCACGGTCTCGAGGATCTGCAG  
 AAGGTCACCCCTCCACGGTCAAGTGTGTAACCATCAGAAGCAGAGATCTCGCGGACCCAGAAAGGCCA  
 CACTCGTGTGCCTGGCAGGGGCTTCTACCCCGACCAGTGGAGCTGAGCTGGTGGGTGAACGGGAAGGA  
 GGTACAGAGTGGGTTCAGCACCGACCCGACGCCGACAAGGAGAGGCCAGCGAGAAATGACTCCAGCTAC  
 TGTCTGAGCAGCCGGCTGAGGGTCTCTGCCTCCTTCTGGCACAACCCGCGCAACCACTTCCGCTGCCAAG  
 TCCAGTTCTATGGGCTCGGGGACGACGATGAGTGAAGTACGATAGAGTCAAACCCATCACCCAGAACAT  
 CAGTGTCTGAGGCCTGGGCGAGAGCAGACTGTGGCTTACCTCGGTGTCTTACCATCAGGGCGTCTGTCT  
 GCCACCATCCTCTATGAGATCCTGCTGGGCAAGGCCACGCTGTATGCTGTGCTGGTCAGCATCCTGGTGC  
 TGATGGCTAAGGTCAAGAGAAAAGTTCTTGAGACCAGCTCCAAAAGTGCATCCTGAGATGATCATGAGC  
 CTCACCTCAATTCCTTCGCACGCTTCCAGTCTGCGTTTCTAAAAGAGTTATTCTCTCTCTACTCTT  
 ATCACCTTCCTGCTGGGATATCTGTCCCTCTCTCTGCTTCCCTGCAGACTGAGCTCCTCAAGCCTGATC  
 CTGAAATAGACTAAAACAATAAAAGTGTCTGCCAGGC  
 >GBCA0039 |Acc|AY185179|Ver|AY185179.1 GI:27902533|Canis familiaris transcription factor  
 Tbx4 (Tbx4) mRNA, complete cds.  
 ATGCTGCAGGATAAGGGCTGTGCGAGAGCGAGGAGGCCTTCCGGGCCCCGGGCTCCGCGCTCGGCGAGG  
 CCAGCGCTTCCAACGCCGCCAACGCCCCGAGCCCCGCGTGGCTGCGCCGGGCTCAGCGAGCCGCGCT  
 CGGCAGCCCCCGGGCCCGGGCGCGACGCCGCCGCGCGCGCGCGCGCGCGCGCGCGCGAGCAGACC  
 ATCGAGAACATCAAGGTGGGCCTGCATGAGAAGGAGCTCTGGAAGAAAGTTTACGAGGCGGGCACCAGAG  
 TGATCATCACCAAGGCGGGCAGGAGGATGTTCCCCAGCTACAAGGTAAAAGTACAGGCATGAACCCCAA  
 GACCAAGTACATCCTGCTGATTGACATCGTCCCTGCGGATGACCACCGCTACAAGTTCTGTGACAACAAA  
 TGGATGGTGGCGGGGAAGGCTGAGCCTGCCATGCCAGGACGGCTCTATGTCCACCCGATTCTCCTGCCA  
 CTGGGCCCCACTGGATGCGGCAGCTGGTCTCCTTCCAGAAGCTGAAGCTCAACAACAACCACTGGACCC  
 CTTTGGCCATATCATCTCACTCCATGCACAAGTACCAGCCACGGCTACACATCGTGAAGGCTGATGAG  
 AACAATGCTTTTCGGCTCCAAAAACACAGCCTTCTGCACTCATGTGTTCCAGAGACTTCTTTCATCTCTG  
 TGACCTCCTACAGAAATCACAAGATCACACAGCTGAAGATTGAGAACAACCCCTTTTGCCAAAGGATTCCG  
 GGCAGTGCAGCAGTGAAGTGCAGGCTGGCTGGCTGGCTGCAGAGCAAGAATATCCTGTGATCTCCAAAAGC  
 ATCATGAGACAGAGGCTCGTCTCCACCCAGCTCTCCGCCAAGCCCGATGTCAGCCCCCTGCATGGTGCC  
 ACCAGGCGCTCCAGCACTACCAGTATGAGAATGGGGCTCACATGCAGTTTGTGTCGGCTGAGCCACAGGA  
 CCTTCCCCCTCAACACCTTCCAGCCCCAGAGGACTCCAGCCTCTTCTATCACTGCCTGAAAAGACGAGAC  
 AGTGCCCGCCATCTGGACTTACCCTGCAAGCGATCCTATCTGGAAGCTCCCCCTGCAGTGGGAGAGGATC  
 ATTATTTCCGCTCTCCCCCTCCCTACGACCAACAGATGTTGAGCCCTCCTACTGCAGTGAAGTGACCCC  
 GAGGGAAGCCTGTATGTATTCGGGTTTCAAGGCTGAGATTACTGGGGTGTCTGGAGTGGACGACTTGCCC  
 CCGCCCCACTGAGCTGTAACATGTGGACGTCTGTCTCACCGTACACAAGCTACAGCGTTACAGCATGAG  
 AGACTGTGCCTTACCAGTCTTCCCAACGCCTTCCAGGAGGAGCGCGGCTCCCCCTCTGTGTGTGAGAGGAAGC  
 CCCCCTCTCCGCACCTGAATGCCGCCAACGAGTTCTCTACTCTCAGAGCTTCTCCTTGTCCCGGGAAGC  
 TTCTTACAGTACATTCAGGAATGGGAAGTGTGAGAAGTGGAGTACGAGGATGA  
 >GBCA0040 |Acc|AB100595|Ver|AB100595.1 GI:27884305|Canis familiaris EL51 mRNA for  
 elastase 1, complete cds.  
 GGCTTATGCTGGTCTTTATGGACACAGCAGCAGCAGGACGTTCCAGAAACCAATGCCCGGGTAGTTGGAGG  
 GACTGAGGCCCGGAGGAACCTCTGGCCCTCTCAGATCTCCCTCCAGTACCTGTCCGGGGGCAAAATGGTAT  
 CACACCTGCGGAGGGACCCATCAGACAGAACTGGGTGATGACAGCTGCTCACTGCGTGGACAGAACAA  
 TGACCTTCCGCGTGGTGTGATCGGAGAGCAACCTGAGCCAGAACGACGGCACCAGAGCAGTCCGCGAGTGT  
 GCAGAAGATTGTGGTGCATCCGTACTGGAACAGCAATGACGTGTCTGCCGGCTATGACATTGCCCTGCTG  
 CGCTGGGCCAGAAAGTTACCCTCAACAGCTATGTCCAGCTGGGTGTCTGCGCGCAGGAGGGAGCCATCC  
 TGGCCAACAACAGTCCCTGCTACATCACAGGCTGGGGCTGACCAAGACCAATGGGCAGCTGGCCAGGT  
 TCTGCAGCAGGCGTACCTGCCCACCGTGGACTACGCCATCTGCTCCAGTCTCTCTACTGGGGCTCCATC

GTGAAGAAATCCATGGTGTGCGCTGGAGGAGACGGAATTCGCTCTGGATGCCAGGGTGATTCTGGGGGCC  
 CCCTCCATTGCTCGGTGAATGGCAAGTACACTGTCATGGAGTGACCAGCTTTGTGTCCAGCCTGGGCTG  
 TAACGTCTCCAGGAAGCCACAGTCTTCAACCGGGTCTCTGCTTACATCACCTGGATAAAACAACGTCATT  
 GCCTCCAACCTGAACATCTTCCCTGAACCCAAAGGCCTTCTTAAGTGATGCTTGGATCCACAGTAGGACTTG  
 AGGCCATCAGGGGAAAAATGTTCTGAAAGACCTTTGAGCCAGATACAGGAAAAACAATAAACAGAATTT  
 ACATTCTCAAAAAAAAAAAAAAAAAAAAA

>GBCA0041 |Acc|AJ347749|Ver|AJ347749.1 GI:23304859|Canis familiaris mRNA for p76RBE protein.

GCACGAGCTTGCACGGACAGCATGACGGACGCGCTGCTGCCCGCGGCCCCCAGCCGCTGGAGAAGGAGA  
 GCGACGGCTACTTTGGAAGGGTTGCAATCCCCTTGGCGAACTGGCCGGAGCAAACCTGCAGAAATCAGAG  
 GGCTGCCTTGAACAGCAGATCCTGAAAGCCGTGCGGATGAGAACGGGAGCAGAAAACCTCCTGAAAGTA  
 GCTACGAACCACAAGGTACGGGAGCAGGTGCGCCTGGAGCTGAGCTTCTGTAACCTGACCTGCAGATGC  
 TCAAGGAAGAGCTGGAAGGGCTGAACATCTCAGTGGGAGTCTATCAGAGCACGGAGGAGGCGTTTACGGT  
 CCCCTTGATTCCGCTTGGCCTGAAGGAAACCAAGGACATTGACTTCTCAGTCGTTCTCAAGGATTTTCATC  
 CTGGAACATTACAGCGAGGACAGCTATCTATATGAAGACGAAATAGCAGACCTGATGGACCTGAGACAGG  
 CTTGCCCGACGCCAGCCGGGATGAGGCCGGGGTTGAACCTGCTCATGAGCTACTTCATCCAGCTGGGATT  
 TGTGGAGAGCCGCTTCTTCCCCCCCCACCCGACAGATGGGGATCTTGTTTTACCTGGTATGACTCCCTCACC  
 GGGTCCCGGTGAGCCAGCAGAATCTGCTGCTGGAGAAAGGCCAGCATTCTGTTCAACATCGGAGCCCTCT  
 ACACACAGATCGGGACCCGGTGCAATCGGCGGACCCAGCTGGGCTGGACGGTGCCTGGACGCCCTTTCA  
 GAGAGCCGACAGGGGTTTTGTCATCAGCTGAAAGAGACGTTCACTCACACTCCGAGTTACGACATGAGCCCT  
 GCCATGCTCAGCGTGTCTGGTCAAGATGATGCTTGCACAAGCCAGGAGAACGTTTGGAGAAAATCTGCC  
 TTCCTGGGATCCGGAATGAGTTCTTCTGCTGCTGGTGAAGGTGGCTCAGGAGGCTGCCAAGGTGGGGGAGGT  
 GTATCGGCAGCTGCACACGGCCATGAGCCAGGCCCGGTGAAGGAGAACATCCCTACTCCTGGGCCAGC  
 CTGGTCTGCGTGAAGGCCACCCTACGCGGCCCTGGCCCACTACTTCGCAGCCACCCTTCTCATCGACC  
 ACCAGTTGAAGCCTGGTGCAGATGAGGACCATCAGGAGAAGTGCTGTCCAGCTCTACGACCACATGCC  
 AGAGGACTGACGCTTGGCCACCCTCAAGAGCGGCCACAGCGCCGACAGCTGGGCAAGTCCCACCTG  
 CGCAGAGCCGTGGCCACCACGAGGAGTGGTGAGGGAGGCCAGCCTGTGCAAGAAGCTCCGCAACATCG  
 AGGTGCTCCAGGACGTGCTGTCCGTGGCGCACAGCGGTCCCGCCTCAAGTACGCGCAGCACCAGGACGA  
 CGACGATCTGCTCAACTTGATCGATGCTCCCGACATTATCTCTAAAACCTGAGCAAGAGGTTGAAATTATA  
 TTGCCACAGTTCTCCAAGGTGACAGCAACGGACTTCTTCCAGAAGCTGGGCCCCCTGTCAAGTGTTCG  
 CTAACAAGAGATGGACACCTCCTCGAAGCATTCACTTCACTGCAGAAGAAGGGGATCTGGGGTTACCTT  
 GAGAGGAACTCCCCAGTGCAAGTCCATTTCTGGATCCTCACTGCTCTGCTGCGCTGGCGGGAGCCAAG  
 GAAGGGGATTATATTGTTTCCATTCAAGACGTGGATTGCAAGTGGCTGACGGTGAGCGAGGTGATGAAGC  
 TGCTGAAGGCTGTGGCAGGGACGGCGTGGAGATGAAGGTGCTGAGCCTCCTGGACTTCACCTCGTCCAT  
 GCATAATAAGTGCGCGACCTACTCTGTGGGAATGCAGAAAACCTACTCCATGATCTGCTTAGCCATCAT  
 GATGATGACAAAACCTGACAAAACCAAGAAAATCTCGAAGAAGCTTTCTTTTGTAGCTGGGGCACCAGACA  
 AGAACAGAGTGAAGTGGCCAGCACCTTGTGCCTCCCGTGGGTGGGGTGGCGAGGCCTCAGGTCAAGAA  
 GAAGCTCCCTTCCCCTTTCAGCCTTCTCAACTCCGACAGTTCTTTGTACTGACGCGAGGAAACAGAAAAAC  
 CTTACAGGCCCCAAACGCTCTCCGGTGTGACAGGCCCTTCGCATCTGTGCCACAGTGGAAGATTCCCAAA  
 CATTTCGCAATCCCATCTTCTCACTGGGTAAACTCACAACCTGGTAGGGCTTCACGAAGGAAAGTAACGA  
 GAAGCCTCGAGAAACTTGGGGAGTGTACCATAGTGTGCAAGTTATTTATATATAAAGTATTGTAATA  
 TAGAACGGTAAATAGTCTTAGAAAATAGGGCTGTTGTTAATGGCTAGTCACGATTTGTGGTTCCATCAG  
 AATTACGTGGGGCTGCCTCTGTTGGGCCTTCTGTAATCGTTTCCAGCCTTGGGTAGTAATAGATCATTC  
 CTTGACTCAGAATCCAGACGACCCCAATCGAGGCAGGTCAAGGGACCGGATTTAGTTAGATTACTAAGT  
 TAGTGTACCTAGAAGTGCTCCGAAGAAGTGTCTTCCAGGAAATTCATGTACCTAAAATGCTAAGATT  
 TTGCGAGTATTTCTGCATAATTATGAATGCTATTTCAGATAAAGTCTAGTGCCAAGTCTGTCTGTAACCT  
 ATCAGATTGAAACAGAAACAAAACATAGCCAAAAAAACCCACACACACAATTTAGGAGCAGTGTG  
 CTTCCAGTCTGATGTCATTTACAAGTTGCTAACACAGTGGCCGTGTTAGACGGGGATGCTATCTACAAGG  
 TAGACGATATGCTGTTTGATACTCAAAACATTTTCTTTTGTGTTAAAGTAGAAAATGCGTAATTGTATA  
 TTTTAAGAGTCTTTTAGGATGGGTAGAAAACATTTTATAAGGTAAAGATGTAATGATTCTAGTTTAAAGC  
 TCTATTGACTTTTTTAAACGAGTCTTACGCGTATTTTCTCTTGCCATTAAAGTTGGATGATGCCGTG  
 ATTTTCGTAAGATTCTAGGTTGACACAAGTTATATAGCTTAAAAAAAAGCATTGAAATCTATTTTGTAG  
 AATTAAACAAGAACTTAAATATTTCTAGTGTGAATATGAAAAGGGAAGCAACCATATTTGGGAAAGTGT  
 ATCCACTGCTTTTAGGGACATTTTATATAAATATTTAAATAAACATATTCGTTTGCCTGAAAAA  
 AAAAAA

>GBCA0042 |Acc|AY094504|Ver|AY094504.1 GI:27447285|Canis familiaris thyroid peroxidase (TPO) mRNA, complete cds.



ATGGGAGCACTCGCCGTCCTGGGCGTCACGCTGCTGGTGGCCCTCGCGCGCGGCCCTCCTCCCCCTTCTTC  
 TCGGAGGCCGGGACCTCCTGTGGGGACAGAGCGGAGAGGCCAGTGTCTTGGCGTCGTGGAGGAGAGCCG  
 GCGCGTGGTGGACGGCGCCATCCAGCACACCGTGAGGAGAGACCTCAGCAAAAGGGGGCTCCCTTCCCCG  
 TCGCAGCTTCTGTCTTTTTCCAACTCCCCGAGCCGACCAGCCGAGCCGTCTCCCGAGCGGCGGAGATCA  
 TGAAGCCTCCGTGCAGGCGGTGAGGACACGGGTCTATGGGAAGCTGGGGCGATCTTGGCCTCTCACC  
 CAGCTGCCCCGAAGCCGTGCTGGACACGATTGCCAACGCGTCCGGGTGTGGCCCCACATGCTGCCCCC  
 AGGTGCCCCGACACCTGCCTGGCCCCCAAGTACCGGCTCATCACGGGCGCTGCAACAACAGAGACCACC  
 CCAGGTGGGGAGCCTCCAACACAGCGCTGGCGAGGTGGCTGCCGCCCGCTACGAAGACGGCATCAGTGA  
 GCCCAGAGGGTGAACCCCCACGTCTGTACAGCGGCTTCCCGCTGCCCCCGGTGCGGGAAGTGACCAGA  
 CAGGTTATCCGGGTCCCCAACGAGGCGGTACAGAGGACGACCAGTATTCCGATCTCCTGACGGTGTGGG  
 GCCAGTACATCGACACGACGTCGCGTTACACCCGAGAGTGCCAGCGGAGCTGCGTTTCGGGGCGGGAGC  
 TGACTGCCAGCTGACGTGTGAGAACCGGAGCCCGTGTTCCTCCATCCAGCTGCCCCCGATGCCTCGGGG  
 CCCGCTGTTCGCTTCTCCCGCTCCTGTGCCGCTGCGGACCGGGATCCAAGGCGCTTCTTCGGCA  
 ACCTGAGCTCGGCCAACCCGCGGCAGCAGATGAACGGGTGACGTCTTCTTGGACGCGTCCACGGTGT  
 CGGCAGCTCCCCGCTTGGAGAAGCAGCTGCGCACTGGACAGTGCCGAGGGGTGCTCCGCGTCAAC  
 ACGCGCCACTGGGACGCGCGCGGCCACCTGCCCTTCATGCGGCCGCTGCGCCCTTGGCCTGCGTGC  
 CCGAGCCCGGACCCGCGGACGCGCGGAGCGCCCTGCTTCTGCGGGGGACAGCCGTGCCAGCGAGGT  
 CCCCCTCTGGCGGCCCTTACACGCTGTGGCTGCGCGAGCACAACCGCTGGCCTCGGCGCTCAAGGT  
 CTCAACGCTCGCTGAGCGCGGATACCGCTACAGGAGGCGCGCAAGGTGGTGGGCGCCCTGCACCCAG  
 TCATCACCTTGGCGGACTACGTCCCCAAAGTCTGGGCCCGGAGGCTTCCAGCAGCAGTGGGCCCTTA  
 CGAGGGTTACGACCCACCATGGACCCACCGTGTCCAACGTGTTTCCACGCGCGCTTCCGCTTCGGC  
 CAGCCACGGTGACCCGCTGGTGGGCGGCTGGACGCGCGCTTCCAGGAGCACCCCGGCTCCCCCGC  
 TGGCGCTGCGAGGACGCTTCTTCAGCCCTGGAGGCTCCTCAAGGAAGGTGGTCTGAGCCCCCTGCTAG  
 GGGCTTCTCGCGAGCCCCGCCAAGTTGCCGGTGCAGGAGCAGCTGATGAATGAGGAGCTGACCGAGAGG  
 CTGTTCTGTGCTGGGCGAGCTCAGGCAGCTGGACCTGGGGTCCATAAACCTGCAGCGGGCGGGGACCAG  
 GCCTGCCAGGTTACAACGCGTGGAGGGAGTCTGCGGCCCTGGGCCGGCTGCACACGCGGGCCGAGCTGCG  
 CTCGCGCTCGCCAAACGCCACCTTCGCGCGCGGATCATGGACCTGTACGGGACCCCGACAACATCGAG  
 GTCTGGCTGGGCGGCTGGCCGAGCCCTCCTCCCCCGGGCGCGCACGGGCCCGCTGTTTGCCTGCTCA  
 TCGGGAGGCGAGATGAAGGCTCTGAGGACGGAGACCGGTTCGTGGGAGAGCAGCGGGGTGTTACCCGA  
 CGAGCAGCGCGCGAGCTGGCGAGGCACTCCCTGTCCCGGTTCATCTGTGACAACACGGGCCTCCCCAGC  
 GTGCCCGCGGACGCTTCCAGGTACGAGATTCCACAGGACTTCGAGCCGTGCGAGAACATTCCGGGTG  
 TGAACCTGGACGTGTGGAGGGAGGCCCTTCCGCAAGGCGACGCTGCGGCCCTCCCCGACAGCCTGGACAA  
 TGGGGACGTCGTGCTTTCGCGCGAGGCCGGGCGGCGCGTGTCTTCTCCTGCCGCCACGGGTTCAAG  
 CTGACAGGCCCCGAGCAGGTGGCCTGCTCCCCCGGGGCGGGGCTGTCCGGGCCCCCGTGTGCAGAGATA  
 TCAATGAGTGTGAAGACGCGACGCCACCCCTGTACGGGTGCGGCCGTGCGAGAACACCAAGGCTGG  
 TTTAGGTGTGAGTGACAGACCTGCGGTGCTCGGGGAGGACGGAACGACGTGTGTAGACTCCGGGAGG  
 CTCCCGAAGGCGTCTTGGTCTCCATCGCTTGGGCATCGTGTGCTGTTGGCTGGCGGGTCTACCT  
 GGACGCTGGTTTGCAGGTGGGCACATGCGGGCCGCAAAGCCTCACTGAGCATCGCGGAGTTGGGCGGAAG  
 AGGAGCCCCCGCGGGCCGTGGAGCGGGCCAGGACGGCGCTTGGCAGCCTGGTGGCCCCCTCGGG  
 CCGCAGGGCAGGACCCGGGCGGTGGACCCACATCCAGTAGGAGCCACGTGGCGCAGGGAAGCCCGGCAT  
 GAGCAGGGGCGAGTGGGGCCACCTCCTGGGAGCAGAGGTGCGTCCCCAGCACGCGGGGACGGTGTTC  
 CCTCTGGAAACAACCCCGACCCACGTTTCTACCTAATAAAGTGTGTGCCGCTTCCCGAAAAA  
 AAAA

>GBCA0043 |Acc|AB098562|Ver|AB098562.1 GI:27372797|Canis familiaris RANTES mRNA for RANTES protein, complete cds.

CTGCCCTTCAGAGGATCTCTGAGACAGCAGGTGGCTCTCCATCAGCAGGTACCATGAAGGTCTCCGCGAGCT  
 ACCTTTGCAATCTCTCGCCACTGTACCTTCGTGCTCCTGCTCTGCTCTCCCATATGCCTCAGACA  
 CCACACCCTGCTGCTTTGCTACATTTCCGGCCGACTACCTTCACCCACGTCCAGGAGTATTTCTACAC  
 CAGCAGCAAGTGCTCCATGCCAGCAGTCGTCTTTGTACCCGAAAGCACCGCCAGGTGTGTGCCAACCCA  
 CAGAAGAAATGGGTGCGGGAGTACATCAACTCTTTGGAGATGAGTTAGGATGTAGGGCATCTGGAACCTG  
 AACTATGCAAACTTTCCTACTGCTTCTGCTCTTGTCTATGCAGCTTGGGAGACCTCACCACCCCT  
 ACCCCACCCCTTCTGGGAGGGCACAGATGCCACCCACCCAGTAGCAGTTATAAAAGTAGTAGAGTTAT  
 AAATAAAAGCCTCTCCATCTAAAGTTTGAAGAGCTCCGAGGCTCTGCTTTGTGCACAGAAGGTCTCT  
 AGGCTCTTGAGTTTCAGGCCTCTCAGCTTGACCCAGCTCTGCAGTCAGGAAGGAGATCAACAAGCCTCC  
 AGAGCAGAGATGGGAAGAAGACTGGGCTCCTTCGGCAATGTCCATGGCCACAGCTATCCTCTCAGCCC  
 CTCCTGGAAGGGCTGACTGATAAATGTGAGAAAACAGCTTTCATTAAATTCGCTGCAGTC

>GBCA0044 |Acc|AB080230|Ver|AB080230.1 GI:27372189|Canis familiaris mRNA for Bax,

complete cds.

GGTGCTGCGGCGCGCCGCGGCGGACCGCGGAGAGGCGGCGGCGGAGCGGCGGTGATGGACGGGTCCGGG  
GAGCAACCCAGAGGCGGGGGGCCACCAGCTCTGAGCAGATCATGAAGACAGGGGCCCTTTTGCTTCAGG  
GTTTCATCCAAGATCGAGCAGGGCGAATGGGGGGAGAGACACCTGAGCTGCCCTTGAGCAGGTGCCCA  
GGATGCATCCACCAAGAAGCTGAGCGAATGTCTCAAGCGCATCGGAGATGAACGGACAGTAACATGGAG  
TTGCAGAGGATGATCGCAGCTGTGGACACAGACTCTCCCGTGAGGTCTTCTCCGAGTGGCAGCTGAGA  
TGTTTTCTGATGGCAACTTCAACTGGGGCCGGGTTGTTGCCCTCTTCTACTTTGCCAGCAAACTGGTGCT  
CAAGGCCCTGTGTACCAAGGTGCCGAGCTGATCAGGACCATCATGGGCTGGACACTGGACTTCCTTCGA  
GAGCGGCTGCTGGGCTGGATCCAGGACCAGGGTGGTTGGGACGGCCTCCTCTCCTACTTTGGGACACCCA  
CGTGGCAGACAGTGACCATCTTTGTGGCTGGAGTGCTTACTGCGTCACTCACCATCTGGAAGAAAGATGGG  
CTGAGGCCACCAGCGCCTTGGACTGTGTCTTTTCTGCATAAATTATGGCATTTTTCCGGGAGG  
>GBCA0045 |Acc|AJ388555|Ver|AJ388555.1 GI:5441610|Canis familiaris mRNA for partial  
hypothetical protein, clone BC61.

GTCTCTCAATGGTGTGTTTGCTCTGAGGTGGGACACAAGGCTGTTTAGTGTCTCGTAAACATTTACCAA  
AAGCACTGAGCCATGGTGTGTTGAAGGGCATTCGTTGCCAGAGTGTGGGAGGAGAGCGAGCCGGGAAAGG  
AGAGCTCCAGGTGTTTGGCAGGTCTCCGCCAGCCGTGGATGCCTTTGACACCATGACCGCAGAGGACGCC  
CGCGCAGCCATGAGCAGCGACTCCGCGGCGGGCGGCGCGGCTCGGCCAAGGCGCCCGAGGGCGTGGCCG  
GGCGCGCCAAACGAGGCGCGCTGTGCGCTGTGCGCGCACGGGCTACCGCATGGTGCAGGAGAACGG  
GCAGCGCAAGTACGGCGGCGCCGCGCCCGGCTGGGAGGGCCCGCACCCGCGAGCGCGGCTGCGAGGTCTTC  
GTGGGCAAGATCCCGCGCGCAGCTGTACGAGGACGAGCTGGTGGCCGTGTTGAGGCGGTGGGCGGCATCT  
ACGAGCTGCGCCTCATGATGGACTTCGACGGCAAGAACCAGCGGCTACGCCCTTCGTACGTAAGTACGACAA  
GGCGAGGCCAAGCGCGCCGTGCGCAGCTCAACAACACGAGATCCGCCCGGGCCGCTGCTCGGCGTG  
TGCTGCAGCGTGGACAACCTGCCGCTCTTCATCGGCGGCATCCCAAGATGAAGAAGCGCGAGGAGATCC  
TGGAGGAGATCGCCAAGGTACCGAGGGCGTGTGAGCGTCATCGTCTACGCCAGCGCGGCGGACAAGAT  
GAAGAACCAGCGGCTTCGCCTTCGTGAGTACGAGAGCCACCGCGCGCGGCCATGGCGCGCGCAAGCTC  
ATGCCCGGCCCATCCAGCTGTGGGGCCACAGATCGCCGTGGACTGGGCGGAGCCCGAGATCGACGTGG  
ACGAGGACGTGATGGAGACCGTGAAGATCCTCTACGTGCGCAACCTCATGATCGAGACACCGAGGACAC  
CATCAAGAAGAGCTTCGGCCAGTTCACCCGGGCTGCGTGGAGCGCGTCAAGAAGATCCGCGACTACGCC  
TTCGTGCACTTCGCCAGCCGCGAGGACGCGGTGCTCGCCATGAACAGCCTCAACGGCACCGAGCTGGAGG  
GCTCGTGCTCGAGGTGACGCTGGCCAAAGCCGTGGACAAGGAGCAGTACTCGCGCTACCAGAAGGCGGCG  
CAAGGGCGGCGGCGCGGCGGCGGCGGCGCGCGCAGCGGGCTACGTGTACTCTGCGACCCCTACACG  
CTGGCCTACTACGGCTACCCCTACACGCGCTCATCGGGCCCAACAGAGACTACTTTGTGAAAGCAGGCA  
GCATAAGAGGCGGGGTCGAGGTGCAGCTGGCAGCAGAGCCCCAGGGGCCAGGGGTTCTACCTTGGGGG  
ATATTACGCTGGCCGTGGTATTATTATAGCCGATATACGAAGGAAAAGGAAAGCAGCAAGAAAAAGGATAT  
GAACCTGTACCGAATTTGAAATCTCTGCCGTCAATCCAGTTGCCATTAAACCTGGTACAGTGGCCATCC  
CTGCCATTGGGGCCAGTATTCATGTTCCAGGCAGCGCCAGCCCCATAAATGATCGAGGATGGGAAAAT  
CCACACAATGGAGCACATGATCAGCCCCATCGCTGTGAGCCAGACCCAGCCAGTGCCGCGCGCGCGCGC  
GCTGCCGCGCGCGCGCGCGCTATCCCTGCCGTGTCCACGCCGCCACCTTTCCAGGGCCGGGCCATCACTC  
CGGTGTACACGGTGGCGCCCAACGTGCAGAGGATCCCGCGGCGGGGCTCTACGGGGCCGGGTACGTCCC  
GTTTCGCGGCGCGCGCCACCGCCACGCTCGCCACACTACAGAAGAACGCGGCGGCGCGCGCGCTGTACGGG  
GGCTACGCGGGCTACATACCTCAGGCCTTCCCGCGCGCCACCATCCAGGTGCCGATCCACGACGTCTACC  
CGACGTACTGACCCGGCGGGGCGCGGAGGCCGTGGAGAGGCGGCGGAGGCGGCGGCGGCGGCGGCGGCGG  
CGGGACACTGTGCTATGTATGAAGAACCAACGTGCCGCGGGAGCACGCCCTCGGAAACCCGAAAGTGAAGA  
ATGTTGTGACACATCATCCCGAAAAGATTTTATATTATCATGAAGTTTTCTACTAGTTTTGTTGTGCTGTGCTG  
TTTTGTCTTTTCGTTTTTTGTTTTTTAAGACTATTTTCAACGTAGCGG

>GBCA0046 |Acc|AJ388554|Ver|AJ388554.1 GI:5441608|Canis familiaris mRNA for partial  
hypothetical protein, clone C2.

AAGGGGCGAGAAATGGCGGCTCCGCTCGGCTCCCGCTGAGGAGGGCGAAGCCGGTGGAGGGTCTGAGCTGC  
CGGCCGGGGCACCGCTCCCGCTTCCCGCCTCCTGCCTTCTCGCGCCTACTTGTCTTCTGTGCCCGACT  
CTCGCTGTGCTCGGCTCCGCGCGGCANANTCCGGTGGGCTCGCGTCTCCCGGCCCGGCTCCGCTGGCC  
CTGCCCTGCCCGCGCGCGCGGCTCCCTCGGCTCCCGCGGCGCGGCGGGCGCGGGCTGGACCCCGTCCG  
CGGGGCGCACCATGGTGAACACCGGAAGANCTCTCTGCGTCTCTCGGGTCCAAGTCCCGCGGGCCCG  
GGCCTGGGCTGGGGCGGGANCGGAAGTGGGGCGACCGGANGCAGCANCCATTTTCATCTCGTCTCGGACC  
GCTCCTCCANACCGCGCGCGAGCTGCCCGGGCGCAANGCCGGGGGAAACGCGGCGCGCGGCGGCGCTC  
TGAAGAAGCCCGGAAACTGAAATTTGATGGTANTTTAAGTGATAACCACGTTTCTCCTCCANCCAAACGC  
ATTTGAAACAACCTGATTCTGTTTGCAN

>GBCA0047 |Acc|AJ388552|Ver|AJ388552.1 GI:5441604|Canis familiaris mRNA for partial



[illegible]

hypothetical protein, clone RI.07.  
GCCGAGGCATAGGGCCNNTGTGCAGAGGCAGGCAAGTGGGAACCGCCATCAGGTCACAATGTAGGGCCGTG  
TGCAGCCCAGCAGCACGAAGGCGACACCAGCACAGCCGAAGCACGTTCTGTCTGAGGAGCGAGGATGAAGG  
ATAGAGACAGGCGCCTCCGGGAGCAGGAGCGCGGGGACTTGCGGGGACTTGTGGCTCATTTGGGAGGGGG  
CTGAGGCTGGTCTGCAGGGCTGGGGCACTCCCCCGCCCATGGCCTATTTGAAGGCAGGTCCTCCGCGAG  
CCTCCGCGATGTGGGCGCATATGANGCTGANGTTCAACCTTCTGCTCCANNGGTGGCCTCTCGTATCCTAA  
ATGGTTCTCTTCTGGGCGAGGAACGTACGTTTCTAAGTGGCCTCNCTTCGCTTAGGCATGTCCCA  
>GBCA0049 |Acc|AJ388546|Ver|AJ388546.1 GI:5441592|Canis familiaris mRNA for partial  
hypothetical protein, clone BC10.  
CAAAGGCAGGGGGCTCAACCACTGAGCCACCCAGGCGCCCCAAGGGCTTTTTTTTATCAAGAGGATAAAA  
GAATCACTTTTGTATCCAAAAAGATCACATATCGAAGAGGAAGGGGAGGCAGGGGTGGAGGACGGGAAT  
CTTGACAGTTTATAGAGAAATGAGCATTTTGAATTAATAAAGCACTAATAACAGATGTTAAGGAAGCATT  
TTGATATGGGGGAAAGGTATGGACTTTGTGAGGTGTCTACTTTTACTTCCAGTTATGATTGGATAG  
ATTAATTTTTTTTTTTAATTTTATTTTATTTATGATAGTACAAAGAGAGAGAGAGAGGCGGAGACGCGG  
CGAGAGGGAGGAAGCAGGCCCCATGCACCGGGAGCCCCGATGTGGGATTCCGTCCCGGGTCTCCAGGATCAC  
GCCCTGGGCCAAAGGCAGGCGCCAAACCGCTGCGCCACCCGGGGATCCCAGATTAATTTTTTTTTTAGCCT  
TAATTTTTTTCAGTTTGGAAACAAAGGACAAA  
>GBCA0050 |Acc|AJ388545|Ver|AJ388545.1 GI:5441590|Canis familiaris mRNA for partial

>GBCA0050 |Acc|AJ388545|Ver|AJ388545.1 GI:5441590|Canis familiaris mRNA for partial  
hypothetical protein, clone B71.  
CTGGCGTGGAGCTCCGCGTCCGCGTGCCTCGGCCCCAGTCCCCGCTCCTGCGCTCGGCCACCCCTGCCT  
CTGCAGCACAGCGTCAGGGGAGCCACCGCCGACGGAGCAGCGGAGGCTGTCTGGGCCCATCTGTCCCCC  
GGGCCCCGCGCGCCGTGTGGCCGTAGGTTTGCCTTGTGTCAATCAGGTACCGTGTCTCCTCCTAAGTA  
CTCGGATCAGCCAGGACTTTTTTTTTTTTTTTTTTAAAGAAAACGGACTTCTCGCTTCCCCGACGTT  
CTGAGGTTGAGGTGTTTTCATANAACATGGAGAGGCTCCTGCCACCTTCAATAAAGACCTGAATCGGAGC  
GATT

GATT  
>GBCA0051 |Acc|AY005140|Ver|AY005140.1 GI:15072320|Canis familiaris dev-stage embryo troponin T isoform 1 mRNA, complete cds.  
ATGTCTGACGTGGAGGAAGAGGTGGAAGAGTACGAGGAGGAGCAGGAAGAAGAAGCTGTGGAAGAAGAGG  
AGGACTGGAGACAGCAGCAGCAGCAGCAGCAGGAGAAGGAGGCCGCGAGGAGGCGAGGCTGAGGCTGCGAC  
GGAGGAGACCAACGCGGAAGGACATGGCCAGGAAGGCCGAGGCTAAAGAGGCCGAAGATGGCCCGGTGGAG  
GAGTCCAAACCAAAGCCCAGGCCATTATGCCCCAACCTGGTGCCACCAAGATCCCAGATGGAGAGAGAG  
TAGACTTTGACGACATCCACCGGAAGCGCATGGAGAGGAGACCTGAACGAAGTGCAGACGCTGATCGAGGC  
TCACTTTGAGAACAGGAAGAAGAGGAGGAGGAGCTGATTTACTCAAAGACAGATTGAGAAGCGCGCG  
GCCGAGCGCGGCGAGCAGCAGCGCATCCGGAACAGCGGGGAGAAGGAGCGTCAGACTCGCCTGGCTGAGG  
AGAGAGCCCCGACGAGAGGAGGAGGAGAGAACAGGAGGAAGGCCGAGGACGAGGCCCGGAAGAAGAAGGCGTT  
GTCCAACATGATGCACTTTGGGGGCTACATCCAGAAGGCCAGACCGAGCGGAAAAGTGGGAAGAGGCAG  
ACGGAGCGGGAAAAAGAAGAAGATTCTGGCTGAGAGGAGGAAGGTGCTGGCCATCGACCACTGCAACG  
AGGACCAGCTGAGGGAGAAGGCCAAGGAAGATGTGGCAGAGCATCTACAACCTGGAGGCCGAGAAGTTTGA  
CCTGCAGGAGAAGTTCAAGCAGCAGAAATACGAAATCAATGTTCTCCGGAACAGAATCAATGATAACCAG  
AAAGTCTCCAAGACCCGCGGGAAGGCCAAGGTCACCGGGCGCTGGAAATAG  
>GBCA0052 |Acc|AY162293|Ver|AY162293.1 GI:26984046|Canis familiaris inhibitor-1 of protein phosphatase type 2A mRNA, complete cds.

ATGGAGATGGGCAGACGGATTCAATTTAGAGCTGCGGAACAGGACGCCCTCTGATGTGAAAGAGCTTGTCC  
TGGACAACCTGCCGTCGATTGAAGGCAAAATCGAAGGCCTCACAGATGAATTTGAGGAACTGGAGTTCTT  
AAGTACAATCAACGTAGGCCTCACCTCAGTCGCAAACTTACCAAAGTTAAACAAACTTAAGAAGCTTGAA  
CTAAGCGATAACAGAACTCTCAGGGGGCCTGGAAGTATTGGCAGAAAAGTGTCCGAACCTCACGCATCTAA  
ATTTAAGTGGCAACAAATTAAGACCTCAGCACAATAGAGCCACTGAAAAAGTTAGAAAACCTCAAGAG  
CTTAGACCTTTTCAATTGTGAGGTAACCAACCTGAACGACTACCGAGAAAACGTGTTCAAGCTCCTCCCG  
CAGCTCACGTATCTCGATGGCTACGACCGGGACGACAAGGAGGCCCGGACTCGGACGCTGAGGGCTACG  
TGGAGGGCCTGGATGACGACGAGGAGGACGAGGATGAAGAAGAATATGATGAAGATGCTCAGGTAGTGA  
AGACGAGGAGGATGAAGAGGAGGAGGAAGAAGGAGAAGAGGAGGATGTGAGCGGAGAAGAGGAGGAGGAT  
GAAGAGGGTTATAACGACGGGGAAGTAGACGATGAGGAAGATGAAGAAGATGTTGGTGAAGAAGAAAGGG  
GTCAGAAGCGAAAACGGAACCTGNAGATGANGGAGAAGATGATGACTAA  
>GBCA0053 |Acc|AJ534245|Ver|AJ534245.1 GI:26800812|Canis familiaris mRNA for prenylated  
Rab acceptor 1 (pral gene).  
GGGCTCGGGCTGGGCCCGGGGGTCTGCAGGGCCCCGGGCTCGTTACAGCGGTTCTACCCCTCACGACGC  
AGACATGGCGCGCCGAGAAAGACACGAGAAGGATGCTGAGCCGGAAGGGCTGAGCGCCACGACCCTGCTG  
CCGAAACTGATCCCATCTGGCGCGGGCCGTGAGCGGCTGGAGCGGCGCCGCGGACCATCCGGCCCTGGA  
GCTCCTTCGTGGACCAGCGCGCTTCTCGCGGCCCGCAACCTGGGCGAGCTGTGCCAGCGCCTCGTACG  
CAACGTGGAGTACTACCAGAGCAACTATGTGTTCTGTGTTCTGGGCCCTCATCCTGTACTGCGTGGTGACG  
TCCCTATGCTGCTGGTGGCTCTGGCTGTCTTCTTTGGCGCCTGTTACATCCTCTATCTCCGCACATTGC  
AGTCCAAGTTTGTGCTGTTTGGCCGAGAGGTGAGCCCAGCCCATCAGTATGCTCTGGCCGGGGCGTCTC  
CTTTCCTTCTTCTGGCTGGCTGGTGCAGGGTCTGCTGTCTTCTGGGTCTGGGAGCCACCCTCGTGGTC  
ATTGGCTCCCATGCCGCTTCCACCAGATGGAAGCTGTGGATGGGGAAGAGCTGCAGATGGAGCCTGTGT  
GAGGACCTGCGGGCCTCTGGAATCGGCTGCCTCATCCCTGTTCCCCCTGCCCGCTTGGCCCCGAGGCC  
CTGGCCAAAGCCTCCTTCCATCTCGAGCCCAGGCGGGATTCAACTG  
>GBCA0054 |Acc|AY057078|Ver|AY057078.1 GI:23428517|Canis familiaris truncated thiopurine  
methyltransferase (TPMT) mRNA, complete cds, alternatively spliced.  
ATGGACAAGACAAGAACCTTCTGGATGTTAAAGAGTACCCCGATACTGAGGTACAGAAAAACCGAGTAC  
TGACTCTGGAAGAATGGCAAGAAAAGTGGGTGAGCCGAGAATTGGATTCCATCAAGAGCAAGGACATAA  
GTTATTAAGAAAGCATTTGGATACTTTCTTAAAGCGAGAATGGACTGAGAGTATTTTTCTCTCTGT  
GGAAAAGCAGTTGAGATGAAATGGTTTGCAGACCGAGGACACAGTGTAGTAGGTGTGGAAATCAGTGAAC  
TTGGGATACAGGAGTTTTTTCAGAGCAGAATCTTCTTACACAGAAGAACCATTGTGGAAATTCCTGG  
AGGCAAAATATTCAAGCTATGCAGATATAATGCTGTCCCTAACAAAGAAAAGGGTTTCATTACCTCTTGGC  
TGTTCTTTGTTACGATCCCACTAAACATGCAGGTTCAATATGTAACATTCAATGCCTTGAGAAAGTTGAT  
GTTTTTGAAGAGCAACATAAAAGTTGGGGAATTGACTACATTATTGAAAAGTTATATCTGTTTACAGAAA  
AGTGA  
>GBCA0055 |Acc|AY057077|Ver|AY057077.1 GI:23428514|Canis familiaris thiopurine  
methyltransferase (TPMT) mRNA, complete cds, alternatively spliced.  
GGAAACCAGACTTGAGAGTTCGTCCAAAGAGTACTTTGGCGGCCAGACTAGTGCATCCGCTGTTTCCGCTG  
TGCCGGCACTGGAACCATCTGTTTTGTAAGGCAGAGGTGTCTCTGAAACCATGGACAAGACAAGAACTTT  
CCTGGATGTTAAAGAGTACCCCGATACTGAGGTACAGAAAAACCGAGTACTGACTCTGGAAGAATGGCAA  
GAAAAGTGGGTGAGCCGAGAATTGGATTCCATCAAGAGCAAGGACATAAGTTATTAAGAAAGCATTTGG  
ATACTTTCTTAAAGCGAGAATGGACTGAGAGTATTTTTCTCTCTGTGGAAAAGCAGTTGAGATGAA  
ATGGTTTGCAGACCGAGGACACAGTGTAGTAGGTGTGGAAATCAGTGAACCTGGGATACGGGAGTTTTTT  
GCAGAGCAGAATCTTCTTACACAGAAGAACCATTGTGGAAATTCCTGGAGGCAAAATATTCAAGAGCT  
CTTCAGGGAACATTTGCTGTACTGTGTCAGCCTTTTGGATCTTCCAGAGCAAATATCGGCAAATTTGA  
CCGGATCTGGGATAGAGGAGCATTAGTTGCTATTAACCCAGGTGATCGCGAACGCTATGCAGATATAATG  
CTGTCCCAAGCATGAAAATATAGTGGATGACTCTTTGGAAAATTATTACGGATCACATTACAAATCTTGG  
CTCACAAATACACATAACTTTATAGAAAAGAACATATAACTAAATCAGTGAAGTAGCTACCTTTAGAAAG  
AGTGTGACTGGGAGGGTGAAGAATCTTACTTACAGATTGCAAGAATTTTTTATAATCAGCCTGTGTTGT  
ATAATTTTAAAAATTAATAATTAAGGGGGCACCTGGCTGGCTCAGTCGGTGGAGGATACAACTTGTGATC  
TTGGCGTCATGAGTTTGGTGGTGGATACGATTACGTAGAAATAACCGG  
>GBCA0056 |Acc|AB093582|Ver|AB093582.2 GI:26006286|Canis familiaris mRNA for Mcl-1,  
complete cds.

GGGGGGGGGGGGCCGGACTCAACTCTACTGTGGAGTCGGGGCCATCCCTCATTTTTCTCACTCAGGAGCG  
GCTGGCTGGCGGCGGCTGGCTGGCGGCAGGAGCTGGCAATGTTTGGCCCTCAAGAGAAACGCAGTAATCCG  
GACTCAACTCTACTGTGGGGGGGGCCGGGCTGGGGGCCGGCAGCGCGCGGCTCCTCTCGGGAGGGCGG  
CTTTTGGCTTCGGGGAGGGAGGCCACGACCAGACGGGAGGGAGGGGGAGGGGAAGCCGGTGCGGTGATTG  
GCGGAAGCGCCGCGCAAGTCCCCCGACCACTCTGGCGCCGGACGCCCCGAGGGTTCGCGCGGCCCTCACC  
CATTTGGCGCTGAGGGCCCCAACGTCAGCGCGACCCCCCGAGGCTGCTGCTGCTCGCGCCCCCTGCCGC  
GCGTCGCGCCCTGAAGAGATGGAAGGCCCGGCCCGCCGACGCCATCATGTGCCCCGAAGAGGAGCTAGACG  
GGTACGAGCCGGAACCTTTGGGGAAGCGCGCGCGGTCTGCTGCTGCTGAGGCTGGTGGGGGAGGCCAG  
CAGTGGCCCCGGCATGGACGGCTCGCTACCTCGACGCCACCCCCGGCGGAGGAGGAGGAAGATGAGTTG  
TACCGCGAGTCCCTGGAGATTATCTCTCGGTACCTTCGGGAACAGGCCACAGGCGCCAGGACGCGAAAC  
CACTGGGCGGGTCTCGGGCGGCCAGCCGGAAGGCGTTAGAGACCTCCAGCGAGTCGGGGACGGGGTACA  
GCGCAACCACGAGACAGCCTTCCAAGGCATGCTTCGGAACCTGGACATCAAAAACGAAGACGATGTCAAA  
TCGTTGTCTCGAGTGATTGTCCATGTTTTCAGTGACGGAGTAACAACTGGGGCAGGATTGTGACTCTTA  
TTTCTTTGGTGGTCTTGGCCAAACACTTGTGGCGTAAAGGATATAAACCAAGAAAGCTGCATCGAACCATTG  
AGAAAGCATCACAGATGTTCTCGTAAGGACGAAACGAGACTGGCTAGTCAAACAAGAGGCTGGGATGGG  
TTTGTGGAGTTCTTCCATGTAGAGGACCTAGAAGCGGCATCAGAAATGTGCTGCTGGCTTTTGCAGGTG  
TTGCTGGAGTAGGAGCTGGTTTGGCATATCTAATAAGATAGCCTTTTAAGTGCAATAATTAACCTTTTAAA  
CAACCCAGGCACCAAAACCATATGACTGCTGTGAAATCAAATGTATTTATGAAGTTGGACTTTGAGC  
TGTCAGGCTGTAACCTCGGAGAGTTCTACTCTAGCAACGTAGAAAAGCAAGTGGCAAGAGGATTATGGC  
TAACAGGAATAAATACATGGGAGAAGTAGTCCCCCTTGAAGAGTCACTGTCTAAAAGAAGCAGAGCTCAG  
TTTCAGCAACAGGCAAACTTGGGGAGGCCATGGAGGAGGACTTTTAGATTTAGTAAAGTTGGTAGGGTTG  
AAGAGACTTAATTTTCTTGTCTAGAACAGGAGAGTGGCCAGTAGCCAGGCTAGTCATAGAGTCCATTAAA  
TATGTCCACTGAATTCATTAACCTCCCATATAGTGTTAAAAGAGAAGCACTAACAATGGCATTGATCTGT  
ATGAAATGGATTTAAGCTACAGGTGATAGAACTATGACTAGAAGCCGAGTACTGTACAACAGTGTGAAG  
GAAAGCTTTTCTCTGTAATTAGCTTTCCCAAGTATACTTCTTGAAGTCCAAGTGCTCAGGACGTTTTTA  
CCTGTTCTACTTTGGCTTGGTTTGGTGTGAGTGGTTTAGTTTATTAGCCTAGTAATGGCCAACAATACTTGACTT  
AGGGTCAATAATTACAATTGCAAATGTGGGAATAGCCTCAATTTTAAAGGCAAAAACAAATTATAAATGT  
ATTTGTCTGTAAAATTTGTATATTTTTTACAGAAAGTCTATTTCTTGAAGTGTAAAGGGATGAAGAGT  
CTCAAAATATATTAGTTTTTTTTTTCATGCCGTTTGAATTTACAACCTCTGTAGTTAGGAATCTATTTT  
TTACAGCTTTTCTAAATTTTGTCTGTGTCAGTTCTAGATTGTATACAGAACCAATTGATGTAAATGTATG  
CAACTTGGTTGTAGTGGAAACAATTCCAATTCATAACTATGCAGACTTTTAAATTTTCTATCTGATTGGT  
AAGTATCTTTTAGTGGTTTTGGGTGTTTTGTTTTGTTTTTAAACCTGGGATTGAGAAGTTGATGAATGGAA  
ATTCACTCTTTAACTTCATTACATGTGGGTTTACAATAATTGAGTCAAGGTGAAGTTTGAAGTTTGGGGG  
CAGGGGCGGTGTGTGGGTGATAAAGTTTAAATAATTTAGGCTCTGATTGGGCAGTACTCATTTGAGTT  
CCTTCCATTTGACCTAATTTAACTGGTGAATTTAAATTTAGTTTATGAGCTCATCTTCAAACTTTTGC  
TAGAAGATTTTCACTGTTTCAAATGGGACTTACTAACAGTATGTATATAAAAGATCACATCAGTGGAT  
GAGAGACATTTGATCCCTTGTGTTGCTTAATAAATTTGAAAATGATGGCTTGGAAAAGCAGGCTTATAGTC  
TAACCATGGTGCTATTATTAGGCTTGCTTGTAAACACAGGTCTAAGCCTAGTATATCAATAAAACAAAT  
ACTTATTTTCAATTTGAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAA  
>GBCA0057 |Acc|AF447922|Ver|AF447922.1 GI:25990915|Canis familiaris Rh type B  
glycoprotein mRNA, complete cds.  
AGGTGGACCGGGATGAGGCTCTCGAGTAACAGCGGCTGTGAAGTCACTGAGCTGGCCCCGCGCTCGGGT  
CCTTTGGGGGCGATGGCACCACTTCTTGGTGTCCAGATGGAGCAGCATGCTAGCCACCCGAACGAAAA  
AGCCAAAGAGGAAAGTAATGCCGTGCCTCTGTGTCGAGCTAAACCTCTCCTAGCTTTATTAATCTTCAA  
GCAAGCTCCCCACCGGCCACTTCTCTGAACATCCAGAGAACAAAGCTGCCCTCAGGTTTCCAGGATGTGC  
ATGTCAATGGTGTGTTGGGTGCTTGGCTTCTCTCAGCGTTTATGGCTTCAGCAGCGTGGG  
CTTCACTTCTCTTGGCTGCTTGGCTTCTCTCAGCGTTTATGGCTTCAGCAGCGTGGG  
CACGGAGGCTATATCCATGTGTCAGCGTGAACAGCATGATCAACGCTGACTTCTGTGCTGGGGCTGTGCTCA  
TCTCCTTTGGTGCCATCTTGGGCAAGACTGGGCGGCTCAGCTGCTGCTCATGACTGTGCTGGAGGTGGC  
GCTGTTTGGCATCAATGAGTTTGTGCTCCTTAATCTCTACAGGTGAAGGACGACGAGGCTCCATGACT  
ATCCACACTTTTGGGGCTTCTCGGACTGGTGTCTCACGGGCTCTTACAGGCTCAGCTGGAGAGA  
GCAAGCATCGCCAGTGTCTGTCTACCATTCGGACCTTTTGCCATGATTGGGACCATCTTCTGTGGAT  
CTTCTGGCCGCTTTCAACTCTGCAACCCACCACTGGGGGACGGGCAGCACCGAACAGCCCTCAACACA  
TACTACTCTCTGTGGCGGACACCTCGGCACCTTTGCCATGTGAGCCCTCGTTGGGGAGCGTGGCCGCGC  
TGGACATGGTCCACATCCAGAATGCCGCACTGGCTGGAGGGGTTGTGGTAGGGACAGCAGGTGAAATGAT  
GCTGACACCCCTTTGGGGCCCTGGCAGCTGGCTTCTGGCTGGGACAGTCTCCACGCTGGGCTACAAGTTT  
TTCACGCCATCCTCGAGGCAAAATTCAAAGTCCAAGACATGTGGTGTTCACAACCTTCATGGGATTC

CTGGGGTCTCTGGGAGCCCTCCTGGGGGTCTTGTGGTCTGGGCTGGCCACCCATGAAGCTTATGGAGAAGG  
CCTAGGCAGTGTGTTTCCGCTCATAGCCAAAGGCCAGCGCACTGCCATGTCTCAGGCCATGTACCAGCTC  
TTCGGGCTGTTTGTCTACTCTGATGTTTGCCTCTGTGGGTGGGGCCCTCGGAGGTCTCCTGCTCAAGCTGC  
CCTGCCTGGGTTCCCCGGCAGACTGCCAGTGTATGAGGACCAGGTGTACTGGGAGGTGCCTGGGGAGCA  
TGAAGATGCAGCCCAGGGACCCCTGAAGGCGGAAGAGCCAGATACCCAGGCCTAACCTTGCTTCCAGTCCCT  
CGAGAGGACGAGAGGATGCTCTTGTTTTAGGAGATGGTGAAGTGGCTGCCATAGGGATGTTCTTTCTAGC  
TCCTGACTCTCCTGTATACAAGAAAGGCTGAGAGCTGCCTGGGGTACTGGGCACAGGGCGGTGGAAGGGGC  
GGCGATGGGGGGGAAGCCGACCTGGCCAGGTGGGGGGAGAACTCACATCAACCCACCCACCCCTG  
GGCCTGTGAGCGAGGTTTTGGGCACAGCAATTACCATGAGGTGTGAGCCAGGCCCGGTGGCTGTTGGGGT  
GATAAACACCACCTATACCAAGGAAAAAAAAAAAAAAAAAAAA  
>GBCA0058 |Acc|AJ518867|Ver|AJ518867.1 GI:25809291|Canis familiaris mRNA for ankyrin  
repeat and SOCS box containing protein 17 (asb-17 gene).  
CACGAGGACTTCTGTGTTGGTGGAGTAAAGCCTACCACATTATCAAAATATGTAAGTGAAGGATCACAGTA  
TGACCTCCTGTGATTTTATTTCTGTATTGTTGCCTTAAATAGCGATGAGTAAATCTTCTAAATTATGTCTG  
TAAGACTTCTTGTCCAAAGCAATATATTCTGCAATCTCATTGACAAAATTGTTAAAGACCATCCTTG  
CAGTTTTTGGGACAGTGGGGATATCACTGTTATGAACCTAGGATTTACAGAACCCTGGCAAAAATTCTGA  
GGTATGTGCGACTTGGATGGGTTTGACATACTACTCTCAGATTATATTGCATTTGTGGAAAAATCAGGATA  
CCGTTTCAAGATAAATTTAATCTTGAATTTACTGAAATATGTGTAATACAATTCTGTACTGGGTATTCTC  
GCCAGAAAAGGTAATCTGACTTTGTGGAATTGCTTCTCAAGAAGACAAAGGACTATGTTCAAGACAGAA  
GTTGTAACCTGGCACTGATATGGAGAAGTTTTACACCACTGTACTGTCCAAGCCCACTAAGTGGCATCAC  
ACCTCTACTCTACGTAGCTCAGACAAGACAATCTAATATCTTAAAAATACTCCTGCAATATGGAATCTTA  
GAAAGAGAAAAAATCCCATCAACATTGTGATAACAATATTGCTCTACCCCTTCAAGAGTGAGAATAATGG  
TTGATCATGAATTGGTAGACATCCAGGAAGATGCCAAAACATGTTTAGTGCTGTGTTCCAGAGTCTTTC  
TGCCATTTCAATCAGGGAATAGAGACGCAGCTAAGTTTAGGAAGACGTCCAATTATTTCTAATTGGCTG  
GACTACATTCCTTCAACAAGATACAAAGATCCATGTGAATATCACATCTTTGCAGAATAACCATTAGGG  
CTCACTACTGACCAACAATATGCTCCCAATGGAATATTTTCACTTCAAATACCGGNTCGTCTACAGAA  
GTACCTGTAATTTAGAAAGTTAATAAACATCTTTCTCCTGAGTTCTTTAAGGATACTACCATTTGTATGGT  
TTAGAAGTTAATAAACTATTAACCTTCATGCAAAAAAAAAAAAAAAAAAACTCGAGACTAGGGGAGATGGC  
CGAGACGGACCCCAAGACCGTGCAGGAT  
>GBCA0059 |Acc|AB095108|Ver|AB095108.1 GI:24636590|Canis familiaris mRNA for survivin,  
complete cds.  
ATTAACGCCAGATTTGAATCGCGGGACCCGTTGGCAGAGGTGGCGGCGGCGGCATGGGTGCCCCGACGT  
TGCCCCCTGCCTGGCAGCCCTTTCTCAAGGACCACCGCATCTCTACATTCAAGAAGTGGCCCTTCTTGGA  
GGGCTGCGCCTGCACCCCGGACCGGATGGCAGAGGCGGGCTTATCCACTGTCCCAGTGAAGACGAGCCA  
GACTTGGCCCGAGTGTCTTCTGCTTCAAGGAGTGGGAAGGCTGGGAGCCAGATGATGACCCATAGAGG  
AGCATAAAAAACATTCATCTGGTTGTGCTTTCTTCTGTCAAGAAGCAGTTTGAAGAATTAACCCCTTGG  
TGAATTTTTTGAAGTGGACAGAGAAAGAGCCAAGAACAATTTGCAAGGAAACCAACAATAAGAAGAAA  
GAATTTGAGGAACTGCCAAGAAAGTGCGCCGTGCCATCGAGCAGCTGGCTGCCATGGATTGAGGCCTCT  
GGCCGGAGCTGCCTGGTCCCAGAGTGGCTGCACCACTTCCAGGGTTTATTCCCTGGTGCCACCAAGCCTTC  
CTGTGGGCCCCCTTAGCAATGTCTTAGGAAAGGAGATCAACATTTTCAAATTAGATGTTTCAACTGTGCTC  
TTGTTTTGTCTTGAAGTGGCACCAGAGGTGCTTCTGCCTGTGCAGCGGGTGCTGCTGGTAACAGTGGCT  
GCTTCTCTCTCTCTCTCTTTTGGGGGCTCATTTTGTGCTTTTTGATTCCCGGGCTTACCAGGTGAGA  
AGTGAGGGAGGAAGAAGGCAGTGTCCCTTTTGTCTAGAGCTGACAGCTTGTTCGCGTGGGCAGAGCCTTC  
CACAGTGAATGTGTCTGGACCTCATGTTGTTGAGGCTGTACAGTCTGAGTGTGGACTTGGCAGGTGCC  
TGTTGAATCTGAGCTGCAGGTTCCTTATCTGTACACCTGTGCCTCCTCAGAGGACAGTTTTTTTGTGTT  
TGTTGTTTTTTGTTTTTTTTTTTGGTAGATGCATGACTTGTGTGTGATGAGAGAATGGAGACAGAGTC  
CCTGGCTCCTCTACTGTTTAAACAACATGGCTTTCTTATTTTGTGTTGAATTGTTAATTACAGAAATAGCAC  
AAACTACAATTCAACTAAGCACAAAGCCATTCCTAAGTCATTGGGGAAACGGGGTGAACCTCAGGTGGAT  
GAGGAGACAGAATAGAGTGTAGGAAGCGTTGGCAGATACTCCTTTTGCCACTGCTGTGTGATTAGACAG  
GCCAGTGAGCCGCGGGGCACATGCTGGCCGCTCCTCCCTCAGAAAAAGGCAGTGGCCCTAAATCCTTTTT  
AAATGACTTGGCTCGATGTTGTGGGGGACTGGCTGGGCTGCTGCAGGCCGTGTGTCTGTGCAGCCCAACCT  
TCACATCTGTACGTTCTCCACACGGGGGAGAGACGCAGTCCGCCCAGGTCCCCGCTTTCTTTGGAGGCA  
GCAGTCCCCGAGAGCTGAAGTCTGGCGTAAGATGATGGATTTGATTCCGCCCTCCTGCCCTGTATAGA  
GCTGCAGGGTGGATTGTTACAGCTTCGCTGGAACCTCTGGAGGTCACTACTCGGCTGTTTCTGAGAAATA  
AAAAGCCTGTCAATTTCAAAAC  
>GBCA0060 |Acc|AB080188|Ver|AB080188.1 GI:22335682|Canis familiaris CCR4 mRNA for CC  
chemokine receptor 4, complete cds.

ATGAATCCCACAGATATAGCAGACACCACCTTGGATGAAAGCATCTATAATAATTACTATCTCTACGAAA  
 ACATCCCTAAGCCTTGACCAAAGAAGGCATCAAGGCATTTGGGGAGCTCTTCCTGCCCCCTCTCTACTC  
 CTGGGTCTTCCTGTTTGGTCTCCTTGGAACTCTGTGGTGGTGTGGTCTGTTCAGTACAAGAGGCTC  
 AAATCCATGACTGACGTGTACCTGCTCAACCTTGCCATCTCGGACCTGCTCTTCGTGCTCTCTCTCCCT  
 TCTGGGGCTACTATGCTGCAGACCACTGGGTTTTTGGACTAGGTCTCTGCAAGATTATTCCTGGATGTA  
 CCTGGTGGGCTTTTACAGTGGCATCTTCTCATCATGCTCATGAGCATCGACAGATACCTGGCAATTGTG  
 CATGCAGTGTTCCTCCCTGAGGGCGAGGACCTTGACGTATGGGGTCATCACTAGCTTGGCCACGTGGTCTG  
 TGGCTGTCTGGCCTCTCTTCCAGGCCCTTTATTAGCACCTGTTATACCGAGCGCAACCATACTACTG  
 CAAAACCAAGTACTCCCGCAACTCTACAAGGTGGAAGGTGCTGAGCTCCCTGGAGATCAACATTCTGGGA  
 TTGGTGATTCCCTTGGGCACCATGCTGTTCTGCTACTCCATGATCATCAGGACACTGCAGCACTGCAAAA  
 ATGAGAAGAAGAGCAAAGCAGTGAGGATGGTCTTTGCCGTGGTGGCCCTCTTTCTCGGGTCTTGGGCGCC  
 TTACAATGTGGTGTCTTCTTGGAGACTCTGGTGGAACTGGAGGTCTTCCAGGACTGCACCTTTGAAAGG  
 CACCTGGACTACGTATTTCAGGCCACAGAGACCTGGCTTTCTGTTCACTGCTGCCTTAATCCCGTCTATCT  
 ACTTTTCTCTCGGGGAGAAATTCGCGAAGTATCTCGTGCAGCTCTTCAAACTGCAGGGGCCCTTTTCAT  
 GCTCTGCCAATACTGTAGGCTCCTCCAAATGTACTCCCCGACACTCCAGCTCGTCTACACGCAGTCC  
 ACCGGGGATCACGATCTTACGATGCTCTGTAA

>GBCA0061 |Acc|AB047312|Ver|AB047312.1 GI:9886744|Canis familiaris mRNA for QKI-5,  
 complete cds.

GATATGCGGAGCTGCAATATGGTTCGGGGAATGGAAACGAAGGAGAAGCCGAAGCCCACCCAGATTAC  
 CTGATGCAGCTGATGAACGACAAGAAGCTCATGAGCAGCCTGCCAACTTCTGCGGGATCTTCAACCACC  
 TCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGAAGACATGTACAATGACACATTAAATGGCAG  
 TACAGAGAAAAGGAGTGCAGAATTGCCTGATGCTGTGGGACCTATTGTTCACTTACAAGAGAACTTTAT  
 GTCCCTGTAAAAGAATATCCAGATTTTAATTTTGTGGGAAGAATCCTTGGACCTAGAGGACTTACTGCTA  
 AACAACTTGAAGCAGAAACGGGATGTAAATAATGGTCCGAGGCAAGGCTCGATGAGGGATAAAAAGAA  
 GGAGGAGCAGAATAGAGGCAAGCCTAATTTGGGAGCATCTCAATGAAGACTTACATGTACTGATCACTGTG  
 GAAGATGCTCAAAACAGAGCGGAGATCAAACTGAAAAGAGCCGTTGAGGAAGTGAAGAAATTACTGGTAC  
 CTGCAGCAGAGGGAGAAGACAGCCTGAAGAAGATGCAGCTGATGGAGCTTGCAATTCTGAATGGCACCTA  
 CAGAGATGCCAACATTAAATCACCAGCCCTTGCCCTTTTCTTTCAGCAACAGCCCAGGCTGCTCCAAGG  
 ATTATCACTGGGCCTGCGCTGTTCTCCACCACTGCGCTGCGTACTCTTACGCCAGCTGGCCCTACCA  
 TAATGCCCTTTGATCAGACAAATACAGACCGCTGTATGCCAAACGGAACCTCTCACCCGACTGCTGCAAT  
 AGTTCCTCCGGGGCCCGAAGCTGTTTGTATCTACACACCCTATGAGTACCCCTACACGTTGGCACCAGCG  
 ACATCCATCCTTGAGTATCCTATTGAACCTAGTGGTGTATTAGGTGCGGTGGCTACTAAAGTTCAAGGC  
 ACGATATGCGTGTCCATCCTTACCAAAGGATTGTACCGCAGACCGAGCCGCCACCGGCAACTAACCTAT  
 GACCTTCTGACCTCTGAACCTCTCACCAATGATGACCTGACCATGCCCTGCTGCTGATCAGTTAACTGG  
 TAATCGCCTTTGCTTGCCTGTCTGTCAGT

>GBCA0062 |Acc|AF483595|Ver|AF483595.1 GI:23266716|Canis familiaris glucocorticoid  
 receptor DNA binding factor 1 mRNA, complete cds.

GGCTGGACGAGGAGCAGCAGAATATGGCGCCGGGGCCGCGTCTGCTGCTGGGATCCTGGAGGCCGGA  
 GCCGCGTGGAGGGCGCCAGCTGGAAGAAATGTTTACTATTTGGCGATGAGACGTGGTGAAAACCTGACCT  
 CGTACTGGTATACAGACACTATGGGACCTGACACCTTAGCTGCGTGGGACGCTGGCCCCCTGATGATG  
 TGGGGAAACCATCAGGTCCACTGGAAAACACTAATCTGATCTTGGAAAGTGGCTGATTGTGGCAGGATGTG  
 TCGACGATGATGATGGCAAGAAAGCAAGATGTCGCCATTCCACCTACAACATCAGTGTGGTGGGATGTG  
 CTGGGACCGAGAAGGAGAAGGGCCAGTGCGGCATTGGGAAGTCTTGTCTGTGCAACCGCTTCGTGCGCCC  
 GAGTGTGATGAGTTTCACTTGGACCATACCTCTGTCTTAGCACCAGTGACTTTGGTGGGCGAGTGGTC  
 AATAATGACCACTTTCTCTACTGGGGAGAAGTTAGCCGTTCCCTGGAGGATTGTGTGGAATGTAGATGC  
 ACATTTGGGAGCAGACTGAGTTCATTGATGATCAGACTTTTCAACCTCATCGAAGCACGGCCCTGCAGCC  
 CTATATTAGAGAGACTGCTGCAACCAAGCTCGCATCAGCTGAAAAACTCATGTACTTTTGCAGCTGACAG  
 CTGGGGCTGGAGCAGGACTTTGAGCAGAAACAAATGCCAGATGGAAAGCTGCTGATTGATGGTTTTCTTCT  
 TTGGTATTGACGTTAGCAGGGGCATGAATAGGAACCTTTGATGACCAGCTTAAGTTTGTGTCCAATCTCTA  
 CAATCAGCTTGCAAAAACAAAAAGCCCATAGTGGTGGTCTGACTAAGTGTGATGAGGGTGTGAGCGG  
 TACATTAGAGATGACATACCTTTTGCCTTAAGCAAAAAGAACCTCCAGGTTGTGGAGACCTCAGCAAGAT  
 CCAATGTAAATGTGGACTTGGCTTTTCAACCTTAGTGCAACTCATTTGATAAAAGTCGGGGAAAGACAAA  
 AATCATTCCTTATTTTGGGCTCTCAAGCAGCAGAGTCAGCAGATAGCTACAGCAAAAAGACAAATATGAG  
 TGGCTGGTGGTGCATCGTGAAGAACCACAATGAGAAGTGGCTGAGTGTGAGCCGAAAGATGCAGGCCCT  
 CTCCTGAGTACCAGCATACGTCTATCTGGAAGGACTCAGAAAGCCAAGAGCTCTTTCTCCAGCACAT  
 TCACCGCCTGAAGCATGAGCACATTGAGCGCAGGAGAAAGCTGTACCTGGCAGCCCTTCCATTAGCTTTT  
 GAAGCTCTTATACCAATCTAGATGAAATAGACCACCTAAGCTGCATAAAAACAAAAGCTCTTGGAGA

CCAAGCCAGAATTCTTGAAGTGGTTTGTGTGCTCGAAGAAACACCATGGGATGCCACCAGCCACATTGA  
 CAACATGGAGAATGAACGGATTCCCTTTGACTTGATGGATACAGTTCTCTGCTGAGCAGCTGTACGAGGCC  
 CACTTAGAGAAGCTGCGGAATGAGAGGAAAAGAGCTGAGATGAGAAGGGCATTAAAGAAAACCTGGAGA  
 CCTCTCCCTTCATAACTCCTGGAAAGCCTTGGGAAGAGGCCCGTAGTTTTATTATGAATGAAGATTTCTA  
 CCAGTGGCTAGAAGATCTGTATACATGGATATTTATGGCAAACACCAAAGCAAATCATAGACAAAGCA  
 AAGGAAGAGTTTCAGGAGCTGCTTTTGGAAATATTCAGAATTGTTTTATGAGCTGGAGCTGGATGCTAAGC  
 CCAGCAAGGAGAAGATGGGTGTATTCAAGATGTTCTGGGGGAGGAACAGCGATTTAAAGCATTACAGAA  
 GCTCCAAGCGGAGCGTGATGCTCTTATCCTGAAACACATTCATTTGTGTATCACCCACAAAGGAGACA  
 TGCCCTAGCTGCCCAGCTTGTGTGGATGCTAAGATTGAGCACTTGATTAGTTCTCGGTTTATCCGGCCAT  
 CTGACCGGAATCAGAAAAATTCACTCTCTGACCCCAACATTTGATAGGATCAACTTGGTTATCTTGGGCAA  
 AGATGGCCTCGCACGTGAGTTGGCTAATGAGATTCGAGCTCTCTGTACAAATGATGACAAGTATGTGATA  
 GATGGTAAAATGTATGAGCTTTCCCTGAGGCCAATAGAAGGGAATGTCAGGCTTCCCTGTGAACCTCCTTCC  
 AAACACCAACGTTTTCAGCCCCATGGCTGTCTCTGCCTTTACAATTCAAAGGAATCTCTATCCTATGTGGT  
 AGAGAGTATAGAGAAGAGTAGAGAGTCCACACTTGGCAGGCGAGATAATCATTTAGTCCATCTTCCCCTG  
 ACGTTAATCTTGGTTTACAAGAGAGGAGATACCACTGGAGAGACCCTGCATAGCTTAATACAGCAAGGTC  
 AGCAGATTGCCAGCAAACCTGCAGTGTGTCTTCTTGACCTGCCCTCTGCTGGCATCGGTTATGGACGCAA  
 CATTAATGAAAAGCAAATCAGTCAAGTTTTGAAAGGACTCCTGGACTCCAAGCGTAACTTAAACCTGGTC  
 AGTTCTACTGCGAGCATCAAAGATCTGGCTGATGTTGACCTGCGAATTGTCTATGTGTCTAATGTGTGGAG  
 ATCCTTTACGTGCAGGTGACATACTCTTCTGCTCCTTCAGTCCCAAACCTGTAAGTCTTCCCATTGTGG  
 AAGCAACAACCTCTGTTTTACTTGAACCTACCAATCGGACTCCACAAGAAGCGCATTGAACCTGTCTATTCTT  
 TCGTACCATTCTCATTTAGTATCAGAAAAAGCCGGTTGGTCCATGGGTACATTGTTTTTTATTTCAGCCA  
 AACGTAAGGCCTCCTTGGCTATGTTACGTGCCTTTCTTTGTGAAGTGCAAGATATTATCCCCATTAGCT  
 GGTTGCACCTCACTGACGCGCTATAGATGTCTGGACAATGACTTAAGTCCGGAACAGCTGAGTGAGGGG  
 GAGGAGATTGCTCAAGAGATTGATGGAAGATTACAAAGCATCCCTGTAGCCAACCCAGCATAAACTTG  
 AGATCTTCCACCCATTTTTTAAAGATGTGGTGGATAAAAAGAACATAATTGAGGCTACTCATATGTACGA  
 TAATGCTGCCGAGGCCGTAGCACACGGAAGAAGTGTAAATTCCCCCGAGCGGGCTCTCCACTCTGC  
 AACTCAAACCTGCAGGATTCAGAAGAGGATATCGAGCCCCCTTCTTACAGCTTGTTCGAGAAGACACAT  
 CACTGCCCTCTCTGTCCAAAGACCATTCTAAGCTCTCTATGGAACCTGGAGGGAAATGATGGGCTGTCTTT  
 CATCATGAGCAATTTTGAGAGTAAACTGAACAACAAAGTACCTCCACCAGTCAAACCAAAGCCTCCTGTC  
 CAATTTGATATTACAAAGGGGGATCTGTCTTATTTAGACCAAGGCCATAGAGATGGACAGAGGAAGTCTG  
 TGTCTTCTAGCACCTGGCTACCTCCGGATGGCTTCGATCCTTCTGATTACGCTGAACCCATGGATGCTGT  
 GGTAAGGCCAAGGAATGAAGAAGAAAACATATACTCAGTGCCCCACGACAGCACCCAAAGGCAAAATCATT  
 ACCATTCCGAATATCAACAAAGCCAGTCCACGGCAGTGGCAATGGCTCTGACAGTGAAATGGACACCA  
 GCTCTCTGGAGCTGAGGCCGCAAGGTCTCCATCGTGAGCAAGCCAGTGCTGTACAGGACAAGATGCAGCCG  
 GCTAGGAGGTTTGGCTTACAGAACCAGCTTCAGTGTGGGAGTGATGATGAGCTGGGGCCCATCCGG  
 AAAAAAGAGGAGGATCAGGCATCTCAAGGTTATAAAGGGGACAATGCTGTCTATCCCTATGAGACAGATG  
 AAGATCCAAGGAGGAGGAATATTCTTCGAGTCTAAGGAGGAACACTAAGAAACCAAAGCCCAAACCCCG  
 GCCATCCATCACAAGGCCAACCTGGGAGAGTAACTATTTGGGGTGCCTTTGACAACCTGTCGTGACTCCA  
 GAGAAGCCCATCCCTGTTTTTATTGAGAGATGTATTGAGTACATTGAAGCCACAGGATTGAGCACTGAAG  
 GCATCTACCGGGTCAGCGGAATAAGTCTGAGATGGAGAGTCTGCAGAGACAGTTTCGATCAAGATCACAA  
 CCTGGACTTGGCAGAAAAAGATTTTACAGTGAATACCGTGGCTGGTGCCATGAAGAGCTTTTTCTCAGAG  
 CTGCCAGACCCCTGGTCCCATAACAATGCAGATTGATCTGGTGGAGGCACACAAAATCAATGACCGGG  
 AGCAGAAGTTACATGCCCTTAAGGAGGTACTCAAGAAATTTCAAAGGAAAACACGAAGTCTTCAAATA  
 CGTCATCTCTACCTGAACAAAGTCAAGCCACAAACAAGGTGAATCTCATGACCAGTGAGAACCTCTCC  
 ATCTGCTTCTGGCCACCTTGATGAGACCCGACTTCAGCACCATGGATGCCCTCACAGCCACGCGGACCT  
 ACCAGACAATCATTGAGCTCTTCATCCAGCAGTGCCCCCTTCTTCTTCCACAATCGGCCCATCAGTGAGCC  
 TCCCGGGGCCACGCGCTCCCCCTCTGCCGTGCCCTTCCACTGTCCCCCTTCTCACCTCCACACCTGTC  
 ACGAGTCAGCCATCACCTCCCCAGTCACCACCACCCACCCCCAGTCCCCCATGCAGGCCCTGCTCCCCCT  
 CCCAGCTTCAAGCTGAACACACGCTGTGAGCCACCAAGGCCTGGGGCAAAAGGAGACCTTCTCTCTTCCA  
 TGGGGCAACATTTGGCTTTGAGCAAAACAGGTCCACTGGGGTGTGGGTGGGGAGAGTGACCCCTCTCCC  
 CTGTTACCTTCTCAAGACTCAGCACTAAGTCAAGCCCAAGTCCACCGTGGGCTGGGCTATCAGGCTCCC  
 TGAACCCACAGCTGCAGACTGGAGCTATTTCAGCCAGCAGCCAGGGAACACCCCTGCCCTTGACTTGG  
 ACCCTTTTGAGGACTGAACCTGGCCAGGCAGTGGCCCTCCACATGCTCATAGCTCCCCAGATCACCTGCCC  
 ACGCACAGCAGCCTCAGGGCATCCAGGGGCATTAACCACTGCTGGGACAGAGCCCTAGCCTCTGCCAAT  
 CGGAGGAGGTTCTGAGATTTGGGCCGCCAGGGGCCGCGGCCACGCGCCCTACAGAGAACAGTTCCCATC  
 CCGTGTGTCTCTCTCCCTCCATATCTCCATATCTCAGCCACCCCAACCCCTCTAGGGAGCCCTCTGTCCGA  
 GCCTCCTCGGAAACACACAGGCCACAGCTCTGTGACCCAAAGGTACAGTGTGAGGGGGCTGGCCAGCA



GGTCGGGGCAGGGAGGGCAGCTCTGYGCCTGGACCAAGAGTGTGTGGCTCCCCACCTACTTCCCACATAC  
CCCCTCCTACTTCCCAGGCTTTGGGGATAACATGCCCTTTAAACAACACTGGAAGAACATGGGGAAAA  
AACCTCCAGTAATTTACAAAAA  
>GBCA0063 |Acc|AF544242|Ver|AF544242.1 GI:24021295|Canis familiaris glutamine synthetase  
mRNA, complete cds, alternatively spliced.  
AGAGCCGAGAATGGGAGCGGAGGGGAGCTTCTGAGCAGCGCCCGGCCCTCTCTCGCCGACCTCGC  
TCTCGCGGCCCGCCCGCCCGCCCTGCTGCCTGCGACCCGCCCAGAAAGCTCCGGTGTATGGACCAGCGGG  
AGCCCCGAGAGCCTGGAGAGGCGCGAACGCGACTCCAAACGGAGAAGGGCCAGGGAAGGCAATCCCAACGA  
CCCCATTGACCTTCTGTGGCTGGGAACAACCTCCACCATGGCCACCTCTGCGAGTTCCCACTTGAACAAA  
GGCATCAAGCAGGTGTACATGTCCCTGCCTCAGGGCGAGAAAGTGCAAGCTATGTATATTTGGATTGACG  
GGACTGGAGAAGGATTACGTTGCAAGACCCGGACCTTGGACAGTGAGCCCAAGGGTGTGAAGAGTTGCC  
TGAATGGAATTTTGTATGGCTCTAGCACCTTTTCAGTCTGAAGGCTCCAACAGTGACATGTATCTTGTCCCT  
GCTGCCATGTTTCGCGACCCCTTTCGCAAGGACCCCAACAAGCTGGTATTCTGTGAAGTCTTCAAATACA  
GAGAGGCGCTGCAGAAACCAATTTAAGGCATACCTGTGAAGGAATCGACATGGGAGATCATCTCTGGGTGGCC  
CCCCTGGTTTGAATGGAGCAGGAATATACTCTCATGGGCACAGATGGTCACCCCTTTTGGTTGGCCTTCC  
AATGGCTTCCCTGGGCCCCAAGGTCCGTACTACTGTGGTGTAGGAGCAGACAAAGCCTATGGCAGGGATA  
TCGTGGAGGCTCACTACCGGGCCTGCTTGTATGCTGGCATCAAGATTGCTGGGACAAACGCTGAGGTGAT  
GCTGCCAGTGGGAATTTCCAGATAGGACCCCTGTGAAGGAATCGACATGGGAGATCATCTCTGGGTGGCC  
CGTTTCATCTTGCATCGTGTATGTGAAGACTTCGGAGTGATAGCAACCTTTGATCCTAAGCCCATTTCCCG  
GAACTGGAATGGTGCAGGCTGCCACACCAACTTCAGCACAAGGCCATGCGAGAGGAGAATGGTCTAAA  
GTACATTGAGGAGTCCATTGAAAACTGAGCAAGCGGCACCAAGTACCACATCCGAGCCTACGATCCCAAG  
GGAGGCGCTGGATAATGCCCGGCGCCTAAGTGGATTCCATGAGACATCCAAACATCAACGACTTTTCTGCCG  
GCGTGGCCAACCGTGGTGTAGCATCCGCTTCCCCGACTGTGCGCCAGGAGAAGAAGGGTTACTTTGA  
AGACCGTCGCCCCCTCTGCCAACTGCGACCCCTTTTCGGTGACAGAAGCCCTCATCCGCACATGTCTTCTC  
AACGAACTGGCGATGAACCTTCCAGTACAAAACTAA  
>GBCA0064 |Acc|AF346625|Ver|AF346625.1 GI:24020877|Canis familiaris heavy neurofilament  
protein (NFH) mRNA, NFH-C allele, complete cds.  
GCAGTCCGCCCCGCCCCGCTCCCGGCCCTCGGGTGTCCCCCTCCGCCGCGCGCCGACCTGCTCCGGCCATG  
ATGAGCTTCAGCGGCGCGGACGCGCTGCTGGGCGCCCCGTTTCGCGCCGCTCCATGGAGGCGGCAGCCTGC  
ACTACGCGTTGGCCCGCAAGGGCGGGAACGCGCTCTACCGCCGGCTCATCCAGTGGCTTCCACTCCTGGGC  
GCGGACATCCGTGAGCTCCGTGTGCGCCTCTCCGAGCCGCTTCCGTGGCGCAGCAGCCACCTCAAGCACC  
GACTCCCTAGACACGCTGAGTAACGGACCGGAGGGCTGCGTGGTGGCAGCAGCCGCGGCCCGCAGCGAGA  
AGGAGCAGCTGCAGGCGCTGAATGACCGCTTCGCGGGCTACATCGACAAGGTACGGCAGCTCGAGGCTCA  
CAACCGCAGCTGGAAGGCGCAAGCGCTGCAGGAAGAGTGCAGGCTACCTGCGGCGTACCTGCGGCGTCAACACCAGGAGGAGG  
CTGTACGAGCGAGAGGTGCGCGAGATGCGCGGCGCTGTGCTGCGCCTGGGCGCGGCGCGCGCTGCTGC  
GCCTGGAGCAGGAGCACCCTGCTCGAAGACATTGCGCACGTGCGCCAGCGCCTAGACGACGAGGCCCGGCA  
GCGGGAAGAAGCCGAGGCGGCGGCGCGCACTCGCGCGCTTTGCGCAAGAGGCCGAGGCGGCGCGCTC  
GAGCTGCAGAGAAGGCGCAAGCGCTGCAGGAAGAGTGCAGGCTACCTGCGGCGTCAACACCAGGAGGAGG  
TGGGCGAGCTGCTCGGCCAGATCCAGGGCTGCGGCGCGCGCAGGCGCAGGCGCAGGCGGAGGCGCGCA  
CGCCCTGAAGTGCGACGTGACGTGCGCGCTGCGCGAGATCCGCGCGCAACTTGAAGGCCACGCGGTGCAG  
AGCACTCTGCAGTCCGAGGAGTGGTTCCGAGTGAGGCTGGACCGACTATCAGAGGCAGCCAAAGTGAACA  
CAGACGCCATTGCGCTCAGCCAGGAGGAGATAACAGAGTATCGCCGCGAGCTGCAGGCTAGGACCACAGA  
GCTGGAGGCACTCAAAGGCACCAAGGACTCACTAGAGAGGAGCGCTCTGAAGTGGAGGACCGTCATCAG  
GCTGACATCGCATCCTACCAGGAGGCCATCCAGCAGCTGGACACTGAGCTGAGGAACACCAAGTGGGAGA  
TGGCAGCCAGCTCCGAGAGTACCAGGACCTGCTCAATGTCAAGATGGCTCTGGATATTGAGATTGCCGC  
TTACAGAAAACCTTGGAGGGTGAAGAATGTGCGATTGGCTTTGGCCCCAGTCTTTCTCCCTTCCAGAA  
GGACTCCCCAAAATTTCCCTCTACATCCACTCACATAAAGGTCAAAAGTGAAGAGAAGATCAAAGTGGTAG  
AAAAGTCAGAGAAGGAAACCGTGATTTTGGAGGAACAGACAGAGGAGATCCAAGTGAAGTGAAGAGTGAC  
TGAAGAAGAAGAGAAGAGGCCAAAGAGGAGAAAGGTGAGGAAGAGGAAGCAGAAGAGGGAGAAGAAGAA  
ACAAAGTCTCCCCAGCAAGAGGCTGCATCTCAGAGAAGGAAGAGGCCAAGTCCCCAGAAAAGGCTA  
AGTCCCCCATGAAAGAAGAAGCAAAATCACCAGCTGAGGCCAAGTCCCCAGTGAAGGAAGAGGCCAAGTC  
TCCAGCTGAGGTGAAGTCCCTGAGAAAGCTAAATCCCCCATGAAAGAAGAAGCAAAATCTCCAACGGAG  
GTGAAATCCCCAGAGAAGGCCAAGTCCCCAGCTAAGGAAGAAGCAAGTCCCCGTGAGAGGCCAAGTCCC  
CCGAAAAGGCCAAGTCTCCAGTAAGGAAGAGGCCAAGTCCCCGTGAGAAGGCCAAGTCCCCAGTGAAGGA  
GGAGGCCAAGTCCCCAGAGAAGGCCAAGTCCCCGTGAGAGGAGGCCAAGTCCCCGTGAGAAGGCCAAGTCCCCGGTGA  
TCCCCAGAGAAGGCCAAGTCCCCGGTGAAGGAGGAGGCCAAGTCCCCGTGAGAAGGCCAAGTCCCCGGTGA  
AGGAGGAGGCCAAGTCCCCAGAGAAGGCCAAGTCCCCAGTGAAGGAGGAGGCCAAGTCCCCCGAGAAGAC

CAAGTCCCCAGTGAAGGAGGAGGCCAAGTCCCCAGAGAAGGCCAAGTCCCCCGAGAAGGCCAAGTCTCCA  
GTGAAGGAGGAGGCCAAGTCCCCTGAGAAGGCCAAGTCTCCAGTGAAGGAGGAGGCCAAGTCCCCTGAGA  
AGGCCAAGTCCCCGGTGAAGGAGGAAGCCAAATCCCCAGAGAAGGCCAAGTCTCCAGTGAAGGAGGAGGC  
CAAGTCCCCTGAGAAGGCCAAATCCCCAGTGAAGGAGGAGGCCAAGTCCCCAGAGAAGGCCAAGTCCCCG  
GTGAAGGAGGAGGCCAAGTCCCCTGAAAAGGCCAAGTCCCCTGAGAAGGCCAAGTCCCCGGTGAAGGAGG  
AGGCCAAGTCCCCTGAGAAGGCCAAGTCCCCGGTGAAGGAGGAGGCCAAGTCCCCTGAGAAGGCCAAGT  
CCCCGGTGAAGGAGGAGGCCAAGTCCCCTGAGAAGGCCAAGTCCCCAGTGAAGGAGGAGGCCAAGTCCCC  
GAGAAGGCCAAGTCCCCAGTGAAGGAGGAGGCCAAGTCCCCTGAAAAGGCCAAGTCCCCAGAGAAGGCCA  
AGTCCCCGGTGAAGGAGGAGGCCAAGTCCCCAGAGAAGGCCAAGTCCCCTGAGAAGGCCAAGTCCCCAGT  
GAAGGAGGAGGCCAAGTCCCCTGAGAAGGCCAAGTCCCCAGAGAAGGTCAAATCTCCTGTGAAAGAAGAG  
ACCAAGGCTCCTGAGAAAGAGGTCAAAAGAAGGAAGAGGCCAAAGTCCCCATAAAGGAGGAAGAGAAAC  
CCCAGGAAGTGAAGTCAAAGAGCCCGCAAAGAAGGCAGAGGAAGAGAAAGCTCCAGCCACACCAAAAAC  
TGAGGAGAAGAAGGACAGCAAGAAAGATGAGGTGCCAAAGAAGGAGGCTCCAAAGCCTGAGGTCCCCGAA  
AAGCAAGAAATCTGTGAGGAAACCCAAAGAATCAAAAGTTGAAGCCAAGAAAGAGACTGAAGATAAGA  
AAAAAGCAGTGACCCAGAGAAGGAGGTTCTGCCAAGGTGAAGGAAGAAGCCAAACCCAAAGAGAAGGC  
TGAGGTGGCCAAAGAAGGAGCAAGATGATGCCAAGGCCAAAGAACCCAGCAAAGCAGCAGAGAAGGAGCCA  
GAAAAGCCAAAGAAGGAAGGGACACCTGCAGCACCCGAGAAAAAAGATGTCAAGGAGGAGAAGACCCAG  
AAGCAAGAAATCTGAGGAGAAACCCAAAGCAGAGGCCCCAGCCAAAGAAGAGCCAGCAAGGAGGCCCC  
CACACCTGGCAAAGCCAAGACAGAAAAGGCTGAGAAATCCTCTAGCACAGACCAAAAAGACAGCAGGCCCT  
GCAGAGAAGGCCACAGAAGACAAGGCCCTCAAGGGGGAGAAAGTAAGGCAGGGAGAAAGGACGTATCCAGA  
ACAGCCAAAGATACTCAGGAGGGGCCAGGAGCTCAAGGGTCGACATAACAAATTTTCATTTTTTCTCCCT  
TTTCTTTATATAAAAAGAACTCTGCTTAGATGATGGGGCCCTCCTTCACCAAACAGGAATTTCTATTAG  
CAATATGTTAGCAAGAGAGGGTATTTCCAGTCCCCTGGCCCTACACCCCAAACCCCTCCCCAGGCGATGGA  
CAATTATGTTATGATAGCTTACGTAGCCGAATGTGATATATGCCGAATGCCACATGTAACACTTGACTA  
TAAAAACTGACCCCTCCTTTCTAAATAAGTGCATTTATTACCTGTATGTGCAATTGACAGATGATCGCA  
ATAATGAATGAGCAGTTAGAAACACATTATGCTTTGAGATGTCTTAACCTATTCTGATGCTTCTGTTT  
TCCAAAGGAGTGGCTGAGCCCTTGCCAGAGCTCTCTATCCTGGAAGAGCTGGAGCAGGTGGGGCTGGGC  
ACTGGCCACTGAATCATGCCAGGGCGCACTTTTCCACTGGAGTCCACTTTCAATTGCTTCTGTGCAATAA  
AACCAAGTGCTTATAAAATGAAAAAAAAAAAAAAAAAAAAA  
>GBCA0065 |Acc|AF535138|Ver|AF535138.1 GI:23452498|Canis familiaris cyclooxygenase mRNA,  
complete cds.  
CGGCGAGCGCAGCAGCCGCCAGAGCTATGAGCCGTGAGTTCGACCCTGAGGCCCCAGGAACCCCTCTTC  
GCCTCCCGGGGGAGCCTCGAATGCCAGGCCAGCCCTCACCTCTCGCTCCGCAGGGGGAGTCGCCTGCA  
CCGGTGGCCGCTGCTCCTGCTGCTGCTGCTGCCGCCGCCCGGTCTGCCCCGGAAGCCCGG  
ACCCCGGCGCCTGTGAACCCGTGTTGTTACTACCCATGTGACACCAAGGGATCTGTGTCCGCTTCGGCC  
TTGACCGCTACCACTGTGACTGCACCCGCACGGGCTATTCTGCCCCCACTGCACCATCCCCGAGCTGTG  
GACCTGGCTCCGGAATCACTGCGCCCCAGTCCCTCTTTCTCCACTTCTGCTGACGCATGGGCGCTGG  
TTTTGGGAATTCATCAATGCCACCTTCATCCGTGACATGCTCATGCGTCTGGTACTCACAGCGCGTTCCA  
ACCTTATCCCCAGTCTCCACCTACAACATAGCGCATGACTACATCAGCTGGGAGTCCTTCTCCAATGT  
GAGCTATTACACTCGTGTCTGCCCTCTGTGCCCAAGATTGCCCCACGCCCATGGGGACCAAGGGAAG  
AAGCAGTTGCCAGACGCCCAACTCCTGGGCGCTCGCTTCTGCTCAGGAGGAAGTTCATACCTGACCCCC  
AAGGCACCAACCTCATGTTCCGCTTCTTGCACAACACTTCACCCATCAGTTCCTTCAAACTTCTGGCAA  
GATGGGTCCTGGCTTCACCAAGGCCCTGGGCCATGGGGTAGATCTTGGCCACATTTATGGGGACAATCTG  
GACCGTCAGTATCAGCTGCGGCTCTTTAAGGATGGGAACTCAAGTATCAGGTTCTGGATGGAGAGATGT  
ACCCGCCATCTGTGGAGGAGGCGCTGTGTTGATGCACACTACCCAGGGGCATTCTGCCCCAGAGTCAGAT  
GGCCGTGGGCCAGGAGGTGTTTGGGCTGCTTCTGGGCTCATGCTCTATGCCACGCTCTGGCTGCGTGAG  
CACAATCGTGTGTGTGACCTGCTGAAGGCTGAGCACCCCACTTGGGGTGATGAGCAACTCTTCCAGACGG  
CCGACTCATCCTCATTGGGGAGACCATCAAGATTGTGATTGAGGAGTATGTGCAGCAGCTGAGTGGCTA  
CTTCTTGCAGCTGAAGTTCGACCCGGAGCTGCTGTTTAGCGCCAGTTCCAGTACCGCAACCGCATCGCC  
ATGAGATTCAACCAGCTGTACCATGGCACCCGCTCATGCCAGACTCCTTCTGGGTGGGTTCAGGAGT  
ACGAGCATTTGATGCTTCTGAACTTCAACCTCCAGTCTGACGCACTACGGGATCGAGGCCCTGGTGGATGC  
CTTCTCTCGCCAGAGCGCCGGCCGGATTGGTGGAGGTAGAAACATAGACCACCATGTCTGCACGTGGCT  
GTGGAAACCATCAAGGAATCCCGCGAGTTGCGGCTGCAGCCCTCAATGAGTACCGCAAGAGGTTTGGCA  
TGAGGCCCTACATGTCCTTCCAGGAATCACAGGGGAGAAGGAGATGGCAGCCGAGTTGGAGGAGCTGTA  
TGGAGACATTTGATGCTTGGAAATTCACCCGGGCTTCTTCTGGAGAAGTGCCATCCAACTCCATCTTT  
GGAGAGAGTATGATAGAAATTTGGGCTCCCTTCTCCCTTAAGGGCTCCTAGGGAATCCCATCTGTTCTC  
CAGAGTACTGGAAGCCAAGCACATTCGGTGGTGAAGTGGGCTTCAATATGGTCAAGACAGCCACACTGAA



GAAGCTGGTCTGCCTTAACACCAAGACTTGTCCCTATGTTTCCTTCCGTGTGCCTGACCCCCACCAGGAT  
GGCGGGCCTGGTGTGCAGCGGCCGTCCACAGAGCTCTGAGGGGGCAGAGCAGCAGCATTCTGGAGGGTGG  
ACTTGTATCCCCAGAATGCTGAGGCTGGGGTTAATAATCCCAAATGTTGGGTCTTTGGTTTGCTCAAGA  
ATATCAAGGTCAACATTTAGAACTTTGTGTCTCTCACCCATTATCTGGAATATCATGGTCTTGTGTTA  
TTCTAGAATGCTGAATTCCTGGTTGACCATCTAGAATGGATGGAGTGATGCTTCTTTGGCAAGCCAGAAC  
ACTGGTTCCTGGCCGACAACCTAGAATGTCAGACTTCTGGTTGACTTAAGACGTAGGCATTCTCTAATGT  
GAAGCTCCTGACAGAATCATCTAGAAAGATAGGGGATTCTTATTTTGCATTCTAGAATTCTGGGCAGCCC  
TCCAGCATGTTGATTTTTTTTCACTGGCAGTTCAGAATGTTGTGCTCTTGATTGCTGATCCAAAATAGTGG  
CTGGTATGCCAGATCAGTCTTGCTCTGAATGCCTAGAATGGTAATTTGATTCAATTTCTGTTCTCAGTGAG  
ATACCCCCAAAGCAGGAGAATCTACAGCCTAACAGAGTGCATTGCCTGCCTCTGTGCCGCCCCGAGGA  
CTTAGGGGGCAGAGTGTCTTCTGGGACGCTGACTCAGACCCCTGGTCCAAGGAGCTAGAACAGGTGGGC  
TTTTTCCAGGTCAATGGTTGGAGGCCACCAGAGCTCTGTTGCCATCTTTGTCTTGACTCATGACAGCTGT  
TTCTCATGAACTAATAAAATTCCTTTTTCCAAAAAATAAAAAAAAAA  
>GBCA0066 |Acc|AF416724|Ver|AF416724.1 GI:23451061|Canis familiaris delta-tubulin (TUBD)  
mRNA, complete cds.  
CCCTCTGAAGTTTGAACAGAGCGGAGAGACGGCTGGTTTTGGGTTGCTTACTTTTTTGAGGGAATAGGTC  
TACTTTGCATCTCAGCATGTGAGTAGTAACAGTGCAACTTGGTCAGTGTGGCAATCAGATTGGTTTTGAA  
GTATTTGATGCTCTGTATAGTGACTCACACTGTCCCAAGGACTCTGCTCTGAACGAGAAAAATGAGGCAT  
ATCAAGCATCTTCCAAAGAAAGATTCTTTAGTGAGGAGGAAAAATGGAGTTTCAATTGCCCGGCTGTCCCT  
TGTTGATATGGAACCAAAAGTTATCAATCAAACACTATCAAAGGCTGCCAGTCTGGCCAATGGAAATAT  
GCCCAGCATTTCGTGCTTCTGTCAAAAAGAGGTTCTGGAAACAACTGGGCCTATGGTTACTCTGTTTCATG  
GACCCAGGCACGAAGAATCTATAATGAACCTCATCCAGAAGGAAGTAGAGAAATGTGACTCTTTGAGTGG  
TTTTTTCATCATAATGAGTATGGCTGGGGGCACAGGATCAGGGCTAGGAGCCTTCGTTACACAGAATTTA  
CAAGATCAGTACTCAAACCTTTTGAATGAATCAGATTATATGGCCTTATGGAAGTGGTGAGGTTATTG  
TTCAGAACTACAACCTCGTTTTGACTCTTTCTCACTTATACCGATCTTCAGATGCCCTACTTGTTTCATGA  
AAATGATGCCATTCTATAAGATCTGCGCAAACTGATGAACATCAAGCAGATCTCCTTTAGTGATATAAAC  
CAAGTCTTTGCGCATCAGTTGGGAAGTGTCTCCAGCCTACTTATCTGTGGAAGGTTTCATGTCACTACA  
GAAGAAATCCATTAGGAGACTTAATGGAGAATTTAGTTCCCCATCCTGAATTCAGATGCTGGGTATTG  
TAACATTCTCTCAAAATGCTGAGAACTCACTGACATACAGCAGCTTTACTTGGGCTGGCCTCTCAACAT  
CTGAGACAGATGCTCATTTCTAATTCAAAAATGGAAGAAGGTATTAATTGGCAGGTACGGCCTCCTTTAC  
CAGGACTTCTTACTCTTGGTAAAGTGTCTCTCAACAGGGAGCTTCATTTTAACACTTCCATTGCTAATCT  
GGTCATCCTTTCGTGGGAAAGATGTACACAGTGCAGGATCTGGGAGGATTTAAAGATCCAGCTCTCTACT  
TCTTGGTTGGAGCCTATTGATGCTTTCAATGTGTGGAACCCAGCGAGCCTTTAGCAATATGAGAAGT  
CTGAGCAGTATGGTCAGCAATAGCCAGTTCTTACTAAAACCACTTGATACAAATTGTGGGCAAGCCTGGAA  
TATGTTTGTCTCAAAAGCCTACATTCATCAGTACACAAAATTTGGAATCGAAGAAGAGGACTTTTTGGAG  
AGTTTCACTTTGTTAGAACAGGTTGTGGCCAGTTACTGCAACCTCTAATCTTGAACAAGGAGAAAAAGT  
ACCTTAAGTCATTTTCAGGCTAAAATATTTTAAATAGTACTTTCTCTGAAAGGTTTTCATATCTCTACCT  
TAAAGGAACAAAGTCAAAATGCCATTTTCTTTGGCTTACTATGACCACAGAAAAGGAGGAAAACCTTTTAA  
ACAGAGACATCATGTTTTCAATGAAAATGTCTACTTGATATTTTCATTTGTAAGAAAGAAATGGTGCTC  
CTGTAAAGAAATTTGGAACATTTTGCTGAGATGTTGGAACCTCTGGAAGTATGCAAAAAAAGGGAATAC  
TCTGTTTTGTCCCATGTTTCTAAGTCTTCCCTTTTTTATTCCAAAAAGGATTCACTAAAATAACAGCTA  
AACTTTCACCACACAATTTGAAGCTAAGAAATGTCAGTTCGTCTTTAATTGAAGTGAGTGCTTTGAACC  
ACAGGGGGGAGCAATTGTCAAAATGCTAGATTTATAAATACCTCGAATATTTTATTCTTAACAGATTTTC  
CACTTGAAGCAGCTATTTAAAAAGAGATCTCAGATTTTGTAAATAAATGTATATCATGGGATCCCTGGAT  
GGCGCAACGGTTTTGGCGCTGCCTTTGGCCAGGGCGTGATCCTGGAGACCCGGGATCGAATCCACATC  
GGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTTTGGCCTGTGTCTCTGCCTCTCTCTCTCTCTCTCT  
GTGTGACTCATATAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA  
>GBCA0067 |Acc|AJ271644|Ver|AJ271644.1 GI:6782310|Canis familiaris mRNA for ID3 protein  
(ID3 gene).  
GAATTCGGCAGCAGCTGCTGTGCGGGGCTCCCTGGCTCTCCTGCTCCTCTCGGCACCTCCGGCCTCACTCT  
GCAATATGAAGGCGTGCAGCCGGTGCAGGCTGCTACGAGGCGGTGTGCTGCCTGTCCGAACGCAGCCT  
GGCCATCGCGCGCGGGCGCGGCAAGGGCCCGCGCGGCGGAGGAGCCGCTGAGCCTGTTGGACGACATGAAC  
CACTGCTACTCGCGCTTGCGGGAACCTCGTACCCGGAGTCCCGCGAGGCACTCAGCTTAGCCAGGTGGAAA  
TCCTGCAGCGCGTCACTGACTACATCCTGCAGCTGCAGGTGGTCTGGCCGAGCCCGCCCTGGACCCCC  
CGACGGCCCGCATCTTCCCATCCAGACAGCGAGCTCCGCTCCGGAACCTCGTGATCTCCAACGACAAGAGG  
AGCTTCTGCCACTGACCTGGCAGCCCTGGCGCCTCCAGAACGCAGGTGCTGGCGCCCGTTCCGCCTGGGA  
CCCCGGG

>GBCA0068 |Acc|AF540075|Ver|AF540075.1 GI:23267154|Canis familiaris alkaline phosphatase (ALP) mRNA, partial cds.

GTGCCAGAGAAAGAGAAAGACCCCAAGTATTGGAGAGACCAAGCTCAACAGACCCTGAAATACGCCCTCA  
GGCTTCAGAATCTCAACACCAACGTGGCAAAGAATGTCATCATGTTCTGGGAGATGGGATGGGTGTCTC  
CACGGTGACGGCCACTCGCATCCTCAAGGGTCAGCTCCACCACAACCCCGGGGAGGAGACCAGGCTGGAG  
ATGGACAAGTTCCCTTACGTGGCCCTCTCCAAGACATAACAACCAACGCTCAGGTCCCTGACAGCGCAG  
GCACTGCCACCGCTACTTGTGTGGAGTGAAGGCCAACGAGGGCACGGTGGGCGTGAGCGCCCGCAGCCCA  
GCGCACCCAGTGCAACACGACTCAGGGAAACGAGGTACCTCCATCCTGCGCTGGGCCAAGGACGCTGGG  
AAATCTGTGGGCATGTGTGACCACCACGAGGGTGAACCACGCCACCCCCAGTGCCCGCTACGCCCACTCCG  
CTGACCGGGACTGGTACTCGGACAACGAGATGCCCCCGGAGGCCCTAAGCCAGGGCTGCAAGGACATTGC  
CTACCAGTTCATGCACAACGTCAAGGACATCGAGGTGATCATGGGGGGCGGCCGGAAGTACATGTTCCCC  
AAGAATAGAACAGATGTGGAGTATGAGATGGACGAGAAGTCCAGGGGCACGAGGCTGGATGGCCTGAACC  
TCATCGACATCTGGAAGAACTTCAAACCGAGACACAAGCACTCTCACTACGTCTGGAACCGCACGGAAC  
CCTGGCCCTCGACCCCTACACCGTGGACTACCTCTTGGGTCTCTTTGAGCCGGGGGACATGCAGTACGAG  
CTGAACAGGAACACGTGACTGACCCGTCACTCTCCGAGATGGTGGAAATAGCCATCAAGATTCTGAGCA  
AGAACCCAGAGGCTTCTTCTGTGCTGGTGAAGGAGGCAGGATTGACCACGGGCATCACGAGGGCAAGGC  
CAAGCAGGCGCTGCACGAGGCAGTGGAGATGGACCGGGCAATTGGGAAGGCAGGCGTCATGACCTCCTTG  
GAAGACACGCTGACCGTCGTCACTGCGGACCACTCCACGCTCTTACCTTTGGGGGTACACCCCCCGG  
GCAACTCTATCTTTGCTCTGGCCCCCATGGTGAAGTACACGAGACAAGAAGCCCTTACGCGCCATCTGTA  
TGGCAACGGGCCCTGGCTACAAGGTGGTGGGCGGTGAGCGAGAGAAGCTCTCCATGGTGGACTACGCTCAC  
AACAACTACCAGGCGCAGTCCGCGGTGCCCTGCGCCACGAGACCCACGGTGGGGAGGACGTAGCAGTCT  
TCGCCAAGGGTCCCATGGCACACCTGCTGCACGGCGTCCACGAGCAGAACTACATCCCCACGTGATGGC  
TTATGCGGCCCTGCATCGGTGCTTCCACAGGAGCACTGTGCCCTCAGCCAGCTCGGCAGGTGGCCCTTCTCCA  
GGTCCCCTGCTCCTCCTGCTGGCCCTGCTCCCCGTGGGCATCCTATTCTGAGGGCCCAGGACCTGGGCAC  
CCACCAGCCTATGACAGATGGCCAGCCTCCCTCTCTCAGTGCTGCCACCCGCTGGGAGCCACACCTCA  
AGGGCCAGGTAGGCGGGAGGCCTTACAGCCTCTGCAGCTGGCAGAAAGAGGACCCAGGAAACCAAAGTCT  
TGCTGCCACCTCACTCCCCCTCTGGAATCCTCCACAGGGGCCAGCCGAGTTCTTGGCCTCCGGCCTCCGC  
TCCCTCCCTGCTGCCCTTTGGCCAACAGAGTAGGTTTCTCTCGGGCAGGCAGAGAATACAGACTGCAGA  
AATTCTCAAAGCATCTTATTTTTCTAGCAAACACATTTCTCCAGACCTGGAGGGCCCCAGAGCTTCCATGG  
AACATTCCGGATCTGACCTTCCCACTCCCCCTCCCTCCTGGAACCACAGGCCCCATCATGCTAAGTCCC  
TACTGCAGGGGAGACCAGGTTCTCCACAGGAAGGGGATTTGCTCACTCATTCCAAGGCTCCGGGGGGCTC  
CCAAGAAGTGAACCTGGGACTGGCCATCCGACCCAGGGCTTCCCTGGGCTGGGAAGAGCAGCAGCCTGGAC  
AGACAGACATTTCTCAGCTCTTAACATGCATTGCCCACTCCTCTCTGAAGGAACACTCCTGTTTGGGACG  
GCAAAATTTTTTCCCTCTTTTTGGTGTGGTTAAAGGGAACACAAAACATTTAAATAAAACTTTCCA  
AATATTTCTGAGACAGA

>GBCA0069 |Acc|AB090854|Ver|AB090854.1 GI:22531687|Canis familiaris csa mRNA for serum albumin, complete cds.

GGCACGAGAGAGAGAGAGAGAGAGATGAAGTGGGTAACCTTTTATTTCCCTCTTCTTTCTC  
TTTAGCTCTGCTTATTCCAGGGGCTTGGTTTCGACGAGAAGCATATAAGAGTGAGATTGCTCATCGGTACA  
ATGATTTGGGAGAAGAATTTTCAAGAGGCTGGTGTGGTTGCCCTTTTCTCAGTATCTCCAGCAGTGTCC  
ATTTGAGGATCATGTGAACTAGCCAAGGAAGTGAAGTTTGCAAAAGCCTGTGCTGCTGAAGAGTCA  
GGGGCCAACGTGTGACAAATCCCTTACACCCCTGTTCGGGGACAAGCTGTGCACGGTGGCCTCCCTCCGGG  
ACAAGTACGGGGACATGGCCGACTGCTGCGAGAAGCAGGAGCCCGACAGGAACGAGTGCTTCTGGCGCA  
CAAGGACGACAACCCGGGCTTCCCCCGCTGGTGGCCCCGAGCCCGACGCGCTGTGCGCCGCCCTTCCAG  
GACAACGAGCAGCTGTTCTGGGGAAGTACCTGTACGAAATTGCCAGAAGACATCCGTACTTCTACGCCC  
CAGAACTCCTGTACTATGCTCAACAGTATAAAGGAGTCTTTGCGGAGTGCTGCCAGGCCGACAGCAAGGC  
CGCTGCTGGGACCCCAAGATTGAGGCTTTGAGGGAAGGAGTACTGCTTTTCACTGCTGCAAGGAGAGATT  
AAGTGTGCCAGCCTCCAAAAATTCGAGATAGAGCCTTTAAAGCCTGGTCACTAGCTCGCCTGAGCCAGC  
GATTTCCCAAAGCTGACTTTGAGAGATCTCCAAGTGGTGACAGATCTTACCAAAGTCCACAAGGAATG  
CTGCCATGGTGACCTGCTGGAGTGTGCAGATGACAGGGCGGATCTTGCCAAGTATATGTGTGAAATCAA  
GATTCATCTCCACTAACTGAAGGAATGCTGTGATAAGCCTGTGTTGGAAAAATCCAGTGCTTGTCTG  
AGGTGAAAGAGATGAGTTACCTGGTGACCTGCCCTCATTAGCTGCTGATTTTGTGAAAGATAAGGAGGT  
TTGCAAAACTATCAGGAGGCAAAGGATGTGTTCCCTGGGCACGTTTTTGTATGAATACGCAAGAAGGCAT  
CCAGAGTACTCTGTCTCATTGCTTTTGGAGACTCGCCAAGGAATATGAAGCCACACTAGAGAAATGCTGTG  
CCACCGATGCTCCTCATGTCTATGCCAAAGTGTGATGAATTTAAACCTCTTGTGGATGAGCCTCA  
GAATTTAGTCAAAACAACTGTGAACTTTTTGAAAACTTGGAGAGTATGGCTTCCAAAATGCGCTCTTA  
GTTCTGTTACCAAGAAAGCACCCCAAGTGTCAACTCCAACCTCTCGTGGAGGTCTCAAGAAAACCTAGGAA

AAGTGGGCACCAAATGTTGTAAGAAACCTGAATCAGAGAGAATGTCCTGTGCTGAAGACTTTCTGTCCGT  
 GGTCTGAACCGGTGTGTGTGTTGCACGAGAAGACCCAGTGAGCGAGAGAGTTACCAAATGCTGCTCA  
 GAGTCCTTGGTGAACAGACGACCATGCTTTTCTGGTCTGGAAGTCGATGAGACCTATGTTCCCAAAGAGT  
 TTAATGCTGAACATTCACCTTTCCATGCAGATTTATGCACACTTCTGAGGCTGAGAAACAAGTCAAGAA  
 ACAAACTGCACTTGTGAAGTGTGAAACACAAGCCCCAAGGCAACAGATGAACAACTGAAAAGTGTATG  
 GGAGATTTTGGAGCCTTTGTAGAGAAGTGTGCGCAGCTGAAAATAAAGAGGGCTGCTTTTCTGAAGAGG  
 GTCCAAAACCTCGTTGCTGCTGCTCAAGCTGCCTTAGTCTGAAAGAACAATAACAAACATCTCAGCCTT  
 CCCTGAGAATAAGAGAAAAAAGAGAAATGAAGACCTAGAGCTTATTCATCTGTTTTCTTTCTGTTGG  
 TGTAAAACCAACCCCTCTATCTTAAGAACACAAATTCCTTTTAAACATTTTGCCCTCTTTCTCTGTGCTGCA  
 ATTAATAAAAAATGAAAAGAATCTAAAAA  
 >GBCA0070 |Acc|AB089789|Ver|AB089789.1 GI:22218071|Canis familiaris alp mRNA for alpha-  
 fetoprotein, complete cds.  
 CATGAAGTGGGTGGTATCATTTTTTCCATTTTCTCTACTAAATTTTTCTGAATCCAGGACAATGCATAGA  
 AATGCATATGGAATAGCTTCCATCTTGGATTCTTCCCAATGTTCTGCAGAAATGAATTTAGTTGACCTAG  
 CTACCATATTTTTTGTCTCAGTTTGTCCAAGAAGCCACTTACAAAGAAGTAAGCAAAATGGTGAAAGATAT  
 ATTGACTGTAATTGAGAAATCTACTGGCAGCGAGCAGCCCGAGGATGTTTAGAAAACAGCTCCCTGCC  
 TTTCTGGAAGAAATTTGCCATGAGAAGGAAATTTCCGAAAAGTATGGACTTGCAGATTGCTGCGAGCCAAA  
 GAGAAGAGGAAAGACATAACTGTTTCTAGCACACAAAAGGCTGCTCCGCCATCCATCCCACCCCTTCCA  
 AGTTGCAGAACCCTGACCCAGTTGTAAAGGCATATGAAGAAAACAGGGATATGTTTCATGAACAGGTACATC  
 TATGAGATAGCAAGAAGGCACCCCTTCTCTGTATGCACCCACGATTCTTTCTTTGGCTGCCCACTATGGCA  
 AAATAATTCACCTTTGCTGCAAAGCTGAAAATGCGGTGCAATGCTTCCAAACAAAGACATCATTGATTAC  
 AAAAGAATTAAGAGAAAGCAGTTTGTAAATCAACATATATGTGCGGTAATGAGAAATTTTGGACCTCGC  
 ACCTTCCGAGCCATAACGGTTACTTAACTGAGTCAAAAGTTCTCCAAAGCCAATTTTACTGAAATTCAGA  
 AACTGGTCTGGATGTGGCCACATCCATGAAGAATGTTGCAGAGGAAATGTGCTGGAGTGTCTGCAGGA  
 TGGGGAAAAATTTATGCTCTACATATGCTCTCAACAAGATATTTGTCAAGCAAAATAGCAGACTGCTGC  
 AAATGCCCCATCTTGAACCTTGGTCAATGCATAATTCATGCAGAAAATGATGGCAAACTGAGGCTTAT  
 CTCCAAATCTAAATAGGTTTTTGGAAAGAGAGAGATTTCAACCAATTTTCTTCAAGGGAAAAAGACCTTTT  
 CATGGCAAGATTTACTTATGAATATTCGAGAAGACATACAAAACCTTGTCTGCCAGTCGTTCTAAGAGTC  
 GCTAAAGGATACACAGAGTTATTGGAGAAGTGTCTCAGTCTGAAAACCCCTCTTGAATGCCAGGATAAAG  
 GGAAGAAGAATTAGAGAAATACATCCAAGAAAGTCAAGCACTGGCAAAGCGAAGCTGTGGCCTCTTCCA  
 AGCTTAGGAGAAATATTACTTACAAAATGCGTTCCCTTGTGCTTACACAAAGAAAGCCCTCAGCTGACC  
 CCACCTGAGCTGATGGCCTTACCAGGAAATGGCGACCGCAGCAGCCACTTGTGCCAACTCAGTGAGG  
 ACAGACAACCTGGCCTGTGGCGAGGGAGCGGCTGATCTTATTATGGACAATTATGCATCAGGCATGAGGA  
 GACTCTTATAAATCCTGGTGTGGCCAGTGTGCTCAGGTTCTTCATATGCCAACAGGAGGCCGTGTTTCAGC  
 AGCTTAGTGGTGGATATTACTTACAAAATGCGTTCCCTTGTGCTTACACAAAGAAAGCCCTCAGCTGACC  
 TGTGCCAGGCTCAGGGTGTAGCACTACAAAACATGAAGCAACAATTTCTCATTAACCTTGTGAAGCAAAA  
 GCCACAAATAACAGAAGAGCAACTTGAGGCCGTGATTGCAGATTTCTCTGGTCTACTGAAAAGTGTCTGC  
 CAAGGCCAAGAGCAGGAAGCCTGCTTTGAGGAAGAGGGTCCAAAATGATTTCAAAAACCTCGTGTGCTT  
 TGGGAGTTTTAAATCACTTCAGGGGGAAGAAAAGAAGCCAGAACAAGTCTTTATGGTTTGGTGTGAATCT  
 TTTCTTTTAATCTGAGATAGTGCTTTTGTGAATTAATGAAAT  
 >GBCA0071 |Acc|AF494190|Ver|AF494190.1 GI:22347540|Canis familiaris neutrophil elastase  
 mRNA, complete cds.  
 AAAGACACCGCCACCGCCCGGCGATGACCGCCCGCGAGTGCCCGCCGGCCCTGCCCTGGGCCCCACTGCT  
 GCTGCTGGCCACGCTGCTGCCCGGCCCGGCTCTGGCCTCGGAGATCGTGGGTGGCCGCCCGGCCAGCCC  
 CATGCATGGCCCTTCATGGTGTCCCTGCAGCGGCGTGGAGGTCACTTCTGTGGTGGGACCCCTCATCGCCC  
 CCAACTTCGTGCTGCGGCGGCCACTGCGTGGATGGCTTGAACCTCCGGTCACTGGTGGTGGTGTGCTGGG  
 GCGCATGCTGGGGGAACGCGAGAGCACCAGGCATGTTTCGCGCTCCAGCGGCTCTTGAAAACGCG  
 TTCGACCCCGCTCAGGCTGGTGAATGACATCGTGCTCCTGCAGCTCAACGGCTCGGCCACCATCAACGCCA  
 ACGTGCAGGTGGCCAGGCTGCCCGCCAGAATCAAGGCGTGGGCAACGGCGTGCAGTGCCTGGCCATGGG  
 CTGGGGCCAGCTGGGCAACGGCCAGCCGCGCCAGGATCCTGCAGGAGCTCAACGTGACCGTGGTGAAC  
 ACCCTGTGCGCGCGCTCCAACTGTGCACGCTGGTGCCACGCGCGCGGCGGCGCATCTGCTTCGGGGACT  
 CCGGGGGGCCCCCTGGTCTGCAACGGGCTGATCCAGGGCATCGACTCCTTCATCCGCGGCAGCTGCGCCTC  
 CGGGTTCTTCCCGACGCTTCGCCCCGCTCGCTCAGTTCGTGGACTGGATCAATCCATCATCGCCGC  
 CCGCCCGCCCTCCCGCCCGCGCGCCCCGCGCCAGCAGGACCCGAACGAGGCGCGCCCGCGCGCGCCGCG  
 CCGCCCGCATCGCGCGCTCCACCCAATAAAGCCCTCCCTGGTTGTGAAAAA  
 >GBCA0072 |Acc|AB082936|Ver|AB082936.1 GI:19911570|Canis familiaris PgnB mRNA for  
 pepsinogen B, complete cds.

GTCCTGTGTGCTGTGGGGCCACAGAAATCAGCACCATGAAGATCCAGGTCTTGGTTTTGGTTTTGCCTACA  
 CCTCTCAGAGGGTGTGGAAAGAATTATCCTGAAGAAAAGGCAAGTCCATCCGCCAGGTGATGGAAGAGCGG  
 GGTGTCTAGAGACATTCTGAGGAACCAACCAAGGTTGACCCAGCTGCCAAGTATCTTTTCAATAATG  
 ATGCTGTTGCTTATGAGCCCTTCACCAACTACCTGGATTCTACTATTTTGGAGAGATCAGCATTGGGAC  
 ACCACCACAAATTTCTGATCCTCTTTGATACAGGCTCCTCCAACCTGTGGGTGCCCTCCACCTACTGC  
 CAGAGCCAGGCTGTCCAATCACAAACAGGTTCAACCCAGCAGATCCTCCACCTACCAAAGCAGCGAGC  
 AAACCTATACACTGGCCTATGGTTTTGGGAGCCTGACTGTGCTCCTGGGATATGACACTGTGACTGTTCA  
 GAACATTGTCATCCATAACCAGCTATTTGGCATGAGTGAGAATGAACCCAACCTACCCATTTTACTATTCA  
 TATTTTGGATGGTATCCTGGGAATGGCTACTCCAACCTGGCAGTAGATAATGGCCCAACAGTCCTGCAGA  
 ACATGATGCAGCAGGGCCAGCTCACCCAGCCCATCTTCAGTTTCTATTTCTCTCCCAACCAACCTATGA  
 GTATGGTGGAGAGCTCATCCTGGGAGGTGTGGACACACAGTTTTATTCTGGTGAGATCGTCTGGGCTCCA  
 GTCCTCGGGAAATGTACTGGCAGGTTGCCATCGATGAGTTTCTCATCGGTAACCAAGGCCACTGGCTTGT  
 GCTCTCAGGGCTGTCAAGGCATCGTGGATACAGGAACCTTCCCACTGACTGTTCTCAGCAGTACTTGGGA  
 CTCCTTTTGTGAAGCAAGGAGCCAGCAAGATGAAGTGGCAATTTTGTGGTCAACTGCAACTGCTTGA  
 CAGAGCATGCCCACCATCACCTTTGTCATCAGCGGGTCACTTTACCTCTGCCTCCATCTACCTATGTTT  
 TTAATAACAATGGCTACTGCACACTCGGGATTGAAGTCACCTACCTGCCCTCTCCCAATGGGCAGCCTCT  
 GTGGATTCTGGGAGATGTCTTCTCAGGGAATATTACACAGTCTTTGATATGGCTGCCAACAGAGTGGGT  
 TTTGCCCTCTCTTCTTAGATAGCAAAAGGTAGCTGTCTCCATCCTTCCAGCAGGACTCTGGGGTTGCC  
 TACTGTTTCTCTGGTCTGACAGAAGCATTTTGGACTATCTGACCCTTCTGTGCACTAGTCTTTTTTCTCT  
 GCAACTAATAAATTAAGAATCTCCAAAAA

>GBCA0073 |Acc|AF525493|Ver|AF525493.1 GI:22038136|Canis familiaris H11 kinase mRNA, complete cds.

ATGGCTGACGGTCAGATGCCCTTCTCCTGCCACTACCCGAGCCGCTGCGCCGCGACCCCTTCCGAGACT  
 CGCCCCCTGCCCTCCCGCTGCTGGATGATGACTTTTGGCATGGACCCCTTCCCCGACGACTTGACTTCCTC  
 ATGGCGCAACTGGGCGCTGCCTCGATTTTCCACCGGGTGGCTGGGACCCCTGAGGTCAGGCATGGTGGCC  
 CGGGGGCCCAAGGCCAGCCAGGTTTGGGGTACCTGCGGAGGGCAGGAGTCCCCACCCCTTCCCGGGG  
 AGCCCTGGAAAGTGTGTGTCAACGTGCACAGCTTTAAGCCAGAGGAGCTGATGGTGAAGACCAAGGATGG  
 ATACGTGGAGGTGTCCGGCAAACACGAAGAGAAGCAACAAGAAGGTGGCATCGTTTCCAAGAATTTTACA  
 AAGAAAATCCAGCTTCCCGCAGAGGTGGATCCTGTGACAGTATTTGCCCTCACTTTCCCAAGAGGCTGC  
 TGATCATCGAAGCTCCCAAGGTTCCCTTACTCACCATTTGGAGAGAGCAACTTCAACAATGAGCTTCC  
 CCAAGACAGTCAGGAAGTCACCTGTACCTGA

>GBCA0074 |Acc|AF490511|Ver|AF490511.1 GI:22023792|Canis familiaris cyclic nucleotide gated channel beta subunit (CNGB3) mRNA, complete cds.

GTTTTCAGACCCACCTCAGAGAAAATGTTTAAATCACTGACAATAAAATCCAACAAGGTGAAGCCTAGAG  
 AAGAGAATGATGAGAATAAACAAGATCCTGATCCAAGCAATCAGCCTCAGCAATCTACAAGACAGGGAGA  
 AAACAAAAGTGAAAATAAATCTCTCCAAACCAAGATGACTCCAGTCACGTTTGAAGAATCACATGCCAAA  
 ATGCAAGATAAAATCTCCGAGAAAAATTTCACTCAGAGACCTGACGACAAATCCCAACCATCAACATCCAA  
 CAGAATCAAAGGGGGCAATGTGAGAGCAGAAGGAAATGGAACTGGGAAAGAAGGCCTAGTCAGCCCAAA  
 AAGCAAACCCCTTGGAGTCCCTGTTATAAATGAGTATGCTGATGCTCAGCTACACAACCTGGTGAGAAGG  
 ATGCGTCAAAGAACAATGCTCTATAAGAAAAGTTGGCAGAAGGAGATATATCCTCACCTGAAGCTAGCC  
 CCCAAACTGCAAGGCCACAGCCGTACCATCAACACAAGAGAGCAATGCTAAGCTAAAAGAAGAACATTA  
 CTATCACATATTGTGTTTTAAATTCAGAAGATGCCTCTGACAGAGTACCTAAAACGATTTAGACTTCCA  
 GGAAGCATAGATTCATACACAGATCGACTCTATCTCCTGTGGCTCTTGCTTGTCAACATTGCCTATAACT  
 GGAAGTCTGGCTTATACCACTACGCCCTCGTCTTTCCATATCAAACACCAGACAACACACACTACTGGTT  
 TATTACAGACATCACATGTGATATCATCTACCTTTGTGATATGCTATTAATCCAGCCAGACTCCAGTTT  
 ATAAAAGGAGGAGACATAATGGTGGATTCAAATGAGTTAAAGAGACACTACAGGAGCTCTACAAAATTTT  
 AGTTGGATGTTGCGTCAATAATGCCATTGATGTTTTTTTACCTCTTCTTTGGGTTTAAATCCAGTATTTAG  
 GATGAATAGGATATTGAAGTACACTTCATTTTTTGAATTTAATCATCACCTAGAGTCTATAATGGACAAG  
 GCATATATCTACAGAGTCATTGCAACAACCTGGATACTTGCTATATACTCTGCACATTAATGCCTGTATTT  
 ATTACTGGGCTTCTGACTATGAAGGAATTGGAAGTACTAAATGGGTGTATAACGGTGAAGGAAACAAGTA  
 TCTAAGATGTTTATTATTTGGGCTGTTTCAACTTTTAAATACCATTTGGGGGCTTCCAGAACCAACAACTA  
 TTTGAAATTGTTTTTCAACTGTTGAATTTTTTTTCTGGAGTTTTTGTGTTCTCCAGCTTAATTGGTCAGA  
 TGCAAGATGTAATTGGGGCAGCCACAGCCAAATCAGAACAACCTCCGAATCAGCATGGATCATACCATTTT  
 CTACATGAACACTTATTCATTCTTAAGAATGTGCAGAATCGGGTTCGGACTTGGTATGAATATACATGG  
 GACTCTCAAAGAATGCTAGATGAGTCTGATCTGCTGCAACCTGCTGTCAACCATGAGTGTAGCCCTCA  
 CTGTGGATGTGAACCTCAGCATCATCAGCAAAGTCGAGTTGTTCAAGGGTTGTGATACACAGATGATTTA  
 TGACATGCTGCTAAGATTGAAATCCACTGTTTATTTGCTGGTGAATTTGTCTGCAAAAAGGGAGAAATT

GGCAAGGAAATGTATATCATCAAGCAAGGAGAAGTCCAAGTTCTTGGAGGTTCTGATGGTGCCCAAGTTC  
TGGTTACTCTGAAAGCTGGAGCAGTGTGGGAGAAATCAGCCTTCTAGCAGGGAGAGGAGGAAATCGCCG  
AACTGCCAATGTGATAGCCCATGGGTTTGCCAATCTTTTAACTCTGGACAAAAAGACCTCCAAGAAATT  
CTAGTGCATTATCCAGATTCTGAAAAGCTCCTCATGAAAAAGCCAGTGTGCTTCTAAAGAAGAAGGCTC  
CGGCCACAGAGACAACCCCTCCAAGAAAAGGACTTGCTTTCTCTTCCCACCAAAACAAGAGACACCCAA  
AATTTTAAAGCTCTCCTGGGAGGTACAGGAAAAGCAGGACTTACAAGACTACTCAAAGTGAAGAGAGAA  
CAAACCATTCAGAAAACAAGTGAAAACCTCTGAAGAGGAGGGGTAAAAGAAGAGAATATGAAGATAAAG  
AAAGAGAGCCATCAGAGAAAATACTGGACAGCTCTGAATGTAGAGCAAATGTATTATAGCAGAGGAAAT  
GCCCCAGTCCATTAGAAGGGCAGCTTTACCCAGAGGAACTACTCGTCAATCCCTCATCATCAGCATGGCT  
CCTTCTGCAGAGGCAGGGGAAGAGGTTCTGACAATTGAAGTCAAAGAAAAGGCTAAGCAATAAGTGTGTG  
ATTATCTTTAGATGTAATCTAGCTCATTCCAAAGAGATTGTACCCACGAATGTAGCTTAAGTTAATGAG  
GGGGGAAGACCTCAGTGGGACCCCTTGAGAAATGATAGACAAATCCTTAGCTTAGTTTCTAGGAATTATCT  
GAGAGGGTGATCTTACGCAGTGGTAAGATTATTTAAAAAATATCCCTATTCTCTGTTGTCATTAGCTTTA  
TGCTATTGGTATTTCTCCTAATTTTATGTAGTAGGGTTTTTCTTCCATTCTCTCTTGATGTTTCTTCCC  
TCCATCTCCGTTTTGATTAGTTTGGTCTTGGCCCTGAAGTGATTCACTTACCTTTACAATTTTTATGTG  
TGTGTTGAAGTCTTGCACGACAGTTAGTCTTCGTTAAATGTCCTATGCATGTGAATATTACTTCTCACTT  
GTAGGGGATTATGATACTTTAATAAA  
>GBCA0075 |Acc|AF525133|Ver|AF525133.1 GI:22001282|Canis familiaris protein phosphatase  
2A inhibitor 2 mRNA, complete cds.  
ATGGCCCCGAAGCGGAGTCTCCTTGACCTCAAATGAAGAAACCGAGGCTGCTTCTGCCCCCATGC  
CGGAGGAAATGTCAGCCTCTCAGCCCTTGCCGAACGGAGAAAAAGAACAGCAAGAAGTAATTGAACATAT  
TGATGAAGTACAAAATGAAATAGACAGACTTAATGAAGAAGCCAGTGAGGAGATTTTGAAAGTAGAACAG  
AAATATACAAACTCTGCCAACCATTTTTTAGAGGAGGTCAGAATTGATCCCCAAAATCCCCAATTTTT  
GGGTAACAACATTGTCAACCATCCACAAGTGTCTGTACTGCTTGGAGAGGAGGATGAAGAGGCACTGCA  
TTATTTGACAAGAGTTGAAGTAACAGAATCTGAAGATATTAAATCAGGTTACAGAATAGATTTTTATTTT  
GATGAAAACCCGTACTTCAAAAATAAAGTTCTCTCCAAAGAATTTTATCTGAATGAGAATGGTGATCCAT  
CTTCAAGGTCCACTGAAATCAAATGGAATCTGGAAGGATTGTACGAAACAGTCAAGTCAAATGCAGAA  
TAAAGCCAGCAGGAAGAGAGAGTACGAGGAACAGAGGGCTTCTTACCTGGTTTACTGACCATTTCTGAT  
GCAGGTGCAGATGAGTTAGGAGAGATCATCAAAGATGATATTTGGCCAAATCCATTACAGTACTACTTGG  
TTCTTGATACAGATGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGATGTTGATGATGATGATGATGA  
TGAAGGATGGAAGATATTGATGAAAGAGATGAGGGTGAAGATGAAGATGATGATGATGATGATGAT  
GATGATGATGAGGGGAGGAAGGAGAGGAGGACGAAGGCGAGGATGATTAG  
>GBCA0076 |Acc|AF525132|Ver|AF525132.1 GI:22001280|Canis familiaris protein kinase A  
alpha mRNA, complete cds.  
GATGGGCAACGCCGCGCCAAGAAGGGCAGCGAGCAGGAGAGCGTGAAAGAGTTCTTAGCCAAAGCCAAA  
GAAGACTTTCTTAAAAAATGGGAAAATCCTGCTCAGAATACAGCCATTTGGATCAGTTTGAACGAATCA  
AGACCCTCGGCACGGGCTCCTTTGGGCGGGTGATGCTGGTGAAGCACAAGGAGACCGGGAACCACTTTGC  
CATGAAGATCCTCGACAAACAGAAGGTCGTGAAGCTGAAACAGATTGAGCATACCCCTGAACGAAAAGCGC  
ATCCTGCAAGCGGTCAACTTCCCGTTCCGTCAAACCTCGAGTTCTCCTTCAAGGACAACCTCGAATTTAT  
ACATGGTTCATGGAGTATGTGCCTGGCGGGGAGATGTTCTCGCACCTGCGGCGGATCGGAAGGTTTCAGTGA  
ACCGCATGCCCGCTTCTATGCGGCCAGATCGTCTGACCTTCGAGTACCTGCACCTCACTTGACCTCATC  
TACCGGGACCTGAAGCCGGAGAACCTCCTCATTGACCAGCAGGGCTACATTGAGGTGACAGACTTTCGGTT  
TTGCCAAGCGTGTAAGAGCCGCACCTGGACCTTATGCGGGACCCCCGAGTACCTGGCCCCGGAATCAT  
CCTGAGCAAAGGCTACAACAAGGCTGTGGACTGGTGGGCCCCAGGGGTTCTCATCTACGAGATGGCCGCT  
GGCTACCCACCTTCTTTGCTGACCAGCCCATCCAGATCTATGAGAAGATTGTCTCTGGGAAGGTGCGGT  
TCCCGTCCCACCTTCAGCTCTGACCTGAAGGATCTGCTACGGAACTGTTGACGGTGGACCTCACCAACG  
CTTCGGGAACCTCAAGAATGGGGTGAACGATACAGAACCACAAGTGTTTGGCCACAACCTGACTGGATC  
GCCATCTACAGAGGAAGGTGGAAGCTCCCTTCATACCAAAGTTTAAAGGCCCTGGGGACACGAGTAATT  
TTGACGACTATGAGGAGGAAGAGATCCGAGTCTCCATCAATGAGAAGTGTGGCAAGGAGTTTTGTGAGTT  
CTAG  
>GBCA0077 |Acc|AF525130|Ver|AF525130.1 GI:22001276|Canis familiaris protein phosphatase  
type 1 catalytic subunit gamma isoform mRNA, complete cds.  
ATGGCGGATATCGATAAACTCAACATCGACAGCATCATCAACGGCTGCTGGAAGTGAGAGGGTCCAAGC  
CTGGTAAGAATGTCCAGCTACAGGAAAATGAAATCCGAGGACTGTGCTTAAAGTCCCAGAGATCTTTCT  
CAGTCAGCCTATCTACTAGAACTTGAAGCACCACCTCAAATATATGGTGATATCCATGGGCAATACAT  
GATTTGCTTCGACTTTTCGAGTACGGTGGTTTCCCGCAGAAAGCAACTACCTGTTTCTTGGGGACTATG  
TGGACAGGGGGAAGCAGTCATTGGAGACTATCTGCCTCTTACTGGCTTACAAAATCAAATATCCCGAGAA

TTTTTTTCTTCTCAGAGGAAACCATGAATGTGTGTCAGCATCAATAGAATTTATGGATTTTACGATGAATGT  
AAAAGAAGATATAACATTAACTATGGAAAACCTTTCACAGACTGCTTTAACTGTTTACCGATAGCAGCCA  
TCGTGGATGAGAAGATATTCTGCTGTCTGAGGTTTATCACCAGATCTTCAATCTATGGAGCAGATTCTG  
GCGAATTATGCGACCAACTGATGTACCAGATCAAGGTCTTCTTTGTGATCTTTTGTGGTCTGACCCCGAT  
AAAGATGTCTTAGGCTGGGGTGAACTGACAGAGGAGTGTCTTCACATTTGGTGCAGAAAGTGGTTGCAA  
AATTTCTCCATAAGCATGATTTGGATCTTATATGTAGAGCCCATCAGGTGGTTGAAGATGGATATGAATT  
TTTTGCAAAGAGGCAGTTGGTCACTCTGTTTCTGCACCCAATTATTGTGGAGAGTTTGACAATGCAGGT  
GCCATGATGAGTGTGGACGAACTCTAATGTGTTCTTTTCAGATTTTAAAGCCTGCAGAGAAAAAGAAGC  
CGAATGCCACGAGACCTGTAACACCTTAAGGGGTATGATCACAAAGCAAGCAAAGAAATAGATGTCATT  
TGACACTGCCTAG  
>GBCA0078 |Acc|AF525129|Ver|AF525129.1 GI:22001274|Canis familiaris protein phosphatase  
type 1 beta isoform mRNA, complete cds.  
ATGGCGGACGGGGAGCTGAACGTGGACAGTCTCATCACCAGTCTGCTGGAGGTACGAGGATGTCGTCCAG  
GAAAGATTGTGCAGATGACTGAAGCAGAAAGTTTCGGGGCTTATGTATCAAGTCTCGGGAGATCTTTCTCAG  
CCAGCCTATTTCTTTGGAGTTGGAAGCACCCTGAAAATTTGTGGAGATATTTCATGGACAGTATGCAGAT  
TTACTGCGATTATTGAATATGGAGGTTTCCCACCGGAAGCCAACCTATCTTTTCTTAGGAGATTATGTGG  
ACAGAGGAAAGCAGTCTTTGGAAACCATTTGTTTGTATTGGCTTATAAAATCAAATATCCAGAGAACTT  
CTTTCTTTTAAAGAGGAAACCATGAGTGTCTAGCATCAATCGCATTTATGGGTTCTATGATGAATGCAAA  
CGAAGGTTTAATATTAATTAATTGTTGGAAGACCTTCACCGATTGTTTAAATTGTCTGCCATAGCTGCCATTG  
TGGATGAAAAGATCTTCTGTTGTACGAGGAGTGTACCCAGATCTGCAATCTATGGAACAGATTCCGGAG  
AATTATGAGACCCACTGATGTCCCTGATACAGGTTTGCTCTGTGATTTGCTGTGGTCTGACCCAGATAAG  
GATGTGCAAGGCTGGGGAGAAAATGATCGTGGTGTTCCTTCACCTTTTGGAGCTGATGTAGTCAGTAAAT  
TTCTGAATCGTCATGATTTAGACTTGATTGTGCGAGCTCATCAGGTAGTAGAAGATGGATATGAATTTTT  
TGCTAAACGACAAATTTGGTAATCCTATTTTCAGCCGCAAAATTACTGTGGCGAGTTTGATAATGCTGGTGA  
ATGATGAGTGTGGATGAACTTTGATGTGTTTCAATTCAGATATTGAAACCATCTGAAAAGAAAGCTAAGT  
ACCAGTATGGTGGACTGAATTCTGGACGTCTGTCACTCCACCTCGAACAGATAATCCGCCGAAGAAAAG  
GTGAAGAAAGGAA  
>GBCA0079 |Acc|AF346417|Ver|AF346417.1 GI:18150345|Canis familiaris Cu/Zn superoxide  
dismutase (SOD1) mRNA, complete cds.  
CGAGTCATGGAGATGAAGGCCGTGTGCGTGTGAAGGGCCAGGGCCCGGTGGAGGGCACCATCCACTTCG  
TGCAGAAGGGAAGTGGCCCTGTTGTGGTATCAGGAACCATACAGGGCTGACTGAAGGCGAGCATGGATT  
CCACGTCCATCAGTTTGAAGATAANACACAAGGCTGTACTAGTGCAGGTCTCACTTTAATCCTCTGTCC  
AAAAACATGGTGGGCCAAAAGATCAAGAGAGGCATGTTGGAGACCTGGGCAATGTGACTGCTGGCAAGG  
ATGGCGTGGCCATTGTGTCCATAGAAGATTCTCTGATTGCACCTCAGGAGACTATTCATCATTGGCCG  
CACCATTGGTGGTCCACGAAACGAGATGACTTGGGCAAAGGTGACAATGAAGAAAGTACACAGACAGGA  
AACGCCGGGAGTCTTTGGCTTGTGGTGTCAATGGGATCGCCCAATAAACATTC  
>GBCA0080 |Acc|AF263546|Ver|AF263546.2 GI:21553346|Canis familiaris scamper mRNA,  
complete cds.  
TTAAGATACTTTTTCTAAAAAGATTTATTTCCAGAGTGTTCCTATGTTGGTTTAAATTCAGTGTTTTCA  
ACATTTTAGAGCAATACCTCATCTACTTGATTTTGTGTCTGCTGAAGTCTTCGGTTGCTGCCAGAGGCAG  
CACTTGACCCTGGGGTTGCACCTGCAGACCTGAAATGGGTAAAGGCACAAGCATGAGTAACTATGATTC  
CAGATACATTTTTTATAAGTATGAAGACATTATCCCAAGGCATCACTGTTTAAAGGTTTCAGAACTTAAGC  
AGAAAAAGAAACCTTCTACAGTAAGGAACAAAGGTTCTAATGACATTTCTTCTAATTCCTCTATAATT  
TCCAGGATTCATCATATGTTTAAAGTGAGCAGGGTCTCAAGTGAAGGTTTAAATATCACTTTCTATCACTG  
AGGCACCTGATCTTAAGATCAGGGATCCTAAGATAGAGAACTCTACCTTCCAGTTTTTTATTTAAATGC  
ACACATCTACTTAAATGCACTCAGTACTCTCCTGAACCTCATGTGTGGCGAGAAGTGTTCATGGTTAT  
GAACAATTACAGAAATGCCATTTTCCAGTTTGGAGAAATATATTCAATTTATATAAACAGGGTCCAGGAACA  
TCAAGAGTCAAGGAGGAGGGGGTGGTGTGAGTGGGAAAGGTGAGATGAAGCAGTGCTTCTCTCTTAA  
GGTACTTCTCTTTTCAAATCCTCAACTGAAGGCCTATTGCTCTCCAGCCAGATCTTTCTTGACCACTGTG  
GCTTTGAAGTCTTATCGCTTCCGTTTCTTGGCTGGCCATGCTTTCATTTTTTACACACACATACACACA  
CAGCTGACCTTTGAACAAGGTGGGGTGTGTTGGGGTGGCCAGCCGACCCCTCCCCCTCCCCATGGTTGAA  
AATCTGCATATAACTTTTGAATCCTCCCAAAATTTAACTACTAATAGCCTACTGCTGACCAAGGCCTTA  
CCAATAACATAAACAGTTCGATTAACAAGTATTTTGTATATTATATGTATCATACACTGTGTTCTTACAGT  
AAAGTAAGCTAGAGCAGAAAATGTTAAGAAAATCGTAAGACAAGGGCAGGCCAGGTGGCTCAGCAGTTTA  
GCGCCACCTTTCAGCCAGGACTGATCCTGGAGACCCGGGATGGAGTCCCATGTGCGGCTCCCTGCATGGA  
GCCTGCTTCTCCCTGCTGTGCTCTCTCATGAATAAATACATAAAATCTT  
>GBCA0081 |Acc|AF461733|Ver|AF461733.2 GI:21492645|Canis familiaris proton-coupled



peptide cotransporter PepT1 mRNA, complete cds.

CCGCCCCGCTGCACACCTCCAGCTGCACAGGTGGCTGGGCAGGGCCTGGAAACCAAGTCATAAGAGCGA  
CACCTTAAAAAAGGTCCCTCTCCCGGACTGCCGCTCGCCAGTCGCAGGGAGCCCTCGGAGCCGCCA  
CCATGGGCATGTCCAAGTCATATGGTTGCTTTGGTTACCCCTTGAGCATCTTCTCATCGTGGTCAATGA  
GTTCTGTGAAAGATTTTCTACTATGGAATGAGAGCACTCCTGATTCTGTACTTCAGACGGTTCATCGGG  
TGGGACGATAATCTGTCCACGGCCATCTACCACACGTTTGTGGCTCTGTGCTACCTGACGCCGATCCTCG  
GCGCACTGATCGCAGACTCCTGGCTGGGAAAGTTCAAGACAATCGTGTCACTCTCCATTGCTACACAAT  
TGGACAGGCGGTCACTGCAGTAAGCTCAATTAATGACCTCACAGACTATAACAAAGATGGAACCTCCTGAC  
AATCTGTCCGTGCATGTGGCACTGTCCATGATTGGCCTGGCCCTGATAGCTCTGGGAACCTGGAGGAATAA  
AGCCCTGTGTGCTGCATTTGGTGGAGACAGTTTGAAGAGGGCCAGGAAAAACAAAGAAACAGATTCTT  
TTCCATCTTTTATTTGGCCATTAAATGCTGGAAGCTTGATTCCACTATTGTCTACTCCCATGCTCAGAGTT  
CACGAATGTGGAATTTACAGTCAGAAAGCTTGTACCCACTGGCATTGTTGGGGTTCCTGCTGCTCTCATGG  
CCGTATCTCTGATTGTATTTGTCTATTTGGCAGTGGAAATGTACAAGAAGTTTCAGCCCCAGGGTAATGTCTAT  
GGGTAAAGTTGTCAAGTGCATTGGTTTGGCCCTCAAAAATAGGTTTAGGCACCGGAGTAAGCAGTTTCCC  
AAGAGGGAGCACTGGCTGGACTGGGCTAAAGAGAAATACGATGAGCGGCTCATCTCTCAAATTAAGATGG  
TCACAAAAGTGATGTTCTTGTACATCCCACTCCCAATGTTCTGGGCCCTGTTTGACCAGCAGGGCTCCAG  
GTGGACACTGCAGCAACAGCTATGAGTGGGAAAATGGACTTCTTGAAGTTTCAGCCAGATCAGATGCAG  
ACTGTGAATGCCATCTTGATTGTCTGTCATGGTCCCCATCATGGATGCCGTGGTGTACCCCTCTGATTGCAA  
AATGTGGCTTCAATTTACCTCCTTGAAGAGGATGACAGTTGGAATGTTCTCTGGCTTCCATGGCCCTTCGT  
GATGGCGGCGATTGTTTCAGCTGGAAATGTATAAACTCTTCCAGTCTTCCCCAACAAAATGAAGTCCAA  
ATCAAAGTACTGAATATAGGAAATGGTGCCATGAATGTATCTTTTCTGGAGCGGTGGTGACAGTTAGCC  
AAATGAGTCAATCAGATGGATTTATGACTTTTGATGTAGACAACTGACAAGTATAAATTTCTTCCAC  
TGGATCACCAGTCATTCCAGTACTTATAACTTTGAGCAGGGCCATCGCCATACCCCTCTAGTATGGGCC  
CCCAATAATTACCGAGTGGTAAAGGATGGCCCTTAACCAGAGCCAGAAAAAGGAGAAAATGGAATCAGAT  
TTATAAATAGTCTTAATGAGAGCCTCAACATCACCATGGGCGACAAAAGTTTATGTGAATGTCAACAGTCA  
CAATGCCAGCGAGTATCAGTCTTTTCTTTGGGCACAAAAACATTACAATAAGTTCAACACAACAGATC  
TCACAAAATTTGTACAAAAGTTCTCCAATCATCCAACCTTGAAATTTGGTAGTGCATATACCTATGTAATCG  
GAACGCAGAGCACTGGCTGCCCTGAATGTCATATGTTTGAAGATATTTACCCAACACAGTTAATATGGC  
TCTGCAGATCCCGCAGTACTTCTCATCACTGCGGCGAGGTGGTTTTCTCTGTACAGGACTGGAGTTTC  
TCATATTCTCAGGCCCTCCAAATGAAGTCGGTGTCTCAGGCGGGATGGCTGCTGACAGTGGCTGTTG  
GCAACATCATTTGTGCTCATTGTGGCAGGAGCAGGCCAGTTCACTGAACAGTGGGCTGAATACATCTTAT  
TGCGGCATTGCTTCTGGTTGTCTGTGTAATATTTGCCATCATGGCCCGGTTTTTACACTTACGTCAATCCA  
GCAGAGATTGAAGCTCAGTTTGAACGACGATGAGAAAAAGAACCTGGAAAAGATGAATGTATATTTCCACGG  
TAACTCCGGTCTCAGAGACACAGATGTGAATATCAGGAAGCAAGTGGAGGATGGACTGGGTCCAGGACTT  
CTGTCCCCTCTCAGAGCACTCTGATGAGAAAAGACTTCCAAATTTGTGAATCAGAAAAGCTCTTTTCTAA  
GCAGCCAGCAATGAACCTAAAACCTCTGGAAGAAGTCTTTTTTTTTTTTAAAGAAAAGTCATATTTAAGGCA  
TGCACATACACAAACACACATACATATACATACACACTCATTTTTTACAACAATAAATCCATACCTTCCCC  
TTAACTCCTTTTCTACCAATAAATGGAATTATTTTAGACTAACATCATTTTTTCTGAAAGGGTGGCAAG  
TGCCATATGGTTTACACTCTAACACTCTGAAAACACCATTAATGAGGCAAGAGCCAATGTGAAAAGTGA  
ATTTACATGCTTTAGAAATGGCATGTAATAAGCACCAGCTAGTATTAAGTGAATACTTTACCTTTTGTTTG  
TTTGTTTTGTTTTTTTCCATTTTCTACCTCTTTTAAATTTTGTGTGACTCAAAAGACCCTCAGGTAAAG  
GCCAGTAATGATTTTTGGGGTTTCAATGGTATGAAATACATTCCTGTTTTTAAAGATAAGTGTCTGTGTG  
TTTTGAGGGTAGGATAAGAAATCCTTAACCTGTATCCCGATTCTAAAAGTTATGTACACTCAATAAAATG  
TCATCAGAAGTTGATAAAGTATGAACAAAAGCAATGCGCACATACAATAAATTCAGGAACATGAAAAA  
AAAAAAAAAAAAAAAA

>GBCA0082 |Acc|AY112659|Ver|AY112659.1 GI:21464519|Canis familiaris melanin-concentrating hormone receptor subtype 2 mRNA, complete cds.

ATGTATTCACTTCACTCATCCTGTTGGAACACCTCTGCTGAACCTTTGAACAAATCCTGCAATAAAGAGT  
TTGCTTATCACACCCTCAGCATTTTAGATACARTCAGGCTTCTTCTATGATTGGGATTATCTGTTCAAT  
GGGGCTAGTTGGCAACATCCTCATTTGATTTCACTATAATAAGGTCCAGGAAAAAACCATTCTGACATT  
TATATCTGCAACCTGGCTGTGGCTGATCTGGTCCACATCATTTGGAATGCCATTCTTATTATCATAGTGGG  
CCCGGGGAGGAGTGGGTGTTTGGGGGGCCCTCTGCACCATATCACATCCCTGGATACCTGCAACCA  
GTTTGCCTGTAGTGCCATCATGACTGTGATGAGTATAGACAGGTACTTGGCTCTCGTCCAACCATTTTCGA  
CTTACAAGTTGGAGAACGAGGTACAAGACCATCCGCATCAATTTGGGCCCTTTGGGCAGCTTCCCTTCATT  
TGGCGCTGCCTGTCTGCTACTCGAAGGTCTCAAAATTTAAAGACGGCTGGAGAGTTGTGCTTTTGA  
TTTAACATCCCTGACGATGTACTCCGGTATACACTTTATTTGACGATAACAACCTTTTTTTTTTCCCTTTG  
CCTTTGATTTTGGTGTGCTATATTTTAAATTTTATGCTATACTTGGGAGATGTATCAACAGAATAAAGATG

CAAGATGTTACAATCCCAGTGTTCCAAAAGAGAGAGTGATGAAGCTGACAAAGATGGTGCTGGTGCTGGT  
GGCGGTCTTTATCCTAAGTGCTGCCCCCTACACGTGATACAACCTGGTGAACCTAAAGATGCAGCAGCCC  
ACACTGGCCTTCCATGTAGGCTATTATCTCTCCATCTGTTTCAGCTATGCCAGCAGCAGCATTAAACCCCTT  
TCTCTACATCATGCTGAGTGGAATTTCCGGAACGCCTACCTCAAGTACAAAGGAGAGTGACTGAGAA  
ATCAACAATATAG

>GBCA0083 |Acc|AY112658|Ver|AY112658.1 GI:21464517|Canis familiaris melanin-concentrating hormone receptor subtype 1 mRNA, complete cds.

ATGGACCTGCAAGCCTCGCTGCTGCCCCCGCCCCAACGCCAGCAACACCTCGGAGGGCCCGGACAACC  
TCACCTCTGCCGGGCCACCTCGTCGCACAGGGAATGTCTCTACATCAACATCATCATGCCTTCCGTGTT  
CGGCACCATCTGCCTGCTGGGTATCATCGGGAACCTCCACAGTCATCTTCGCGGTGGTGAAGAAGTCCAAA  
CTGCATCTGGTGACGAATGTCCCCGACATCTTTATCATCAACCTCTCGGTGGTAGACCTCCTCTTTCTCC  
TGGGCATGCCCTTCATGATCCACCAGCTCATGGGCAATGGTGTGTTGGCATTGTTGGAGAGACCATGTGCAC  
ACTCATCACGGCCATGGACGCCAACAGTCAATTACCAGCACCTACATCCTGACCGCCATGGCCATTGAC  
CGCTACCTGGCCACTGTCCACCCCATCTCCTCCACCAAGTTCGGGAAGCCCTCTGTGGCCACCCCTGGTGA  
TCTGCCTCCTATGGGCCCTCTCATTCATCAGCATCACCCCGTGTGGCTCTACGCTAGGCTTATCCCTT  
CCCAGGGGGCACAGTGGGCTGTGGCATCCGCCTGCCAACCCAGACACTGACCTTTACTGGTTACCCCTG  
TACCAGTTCTTCTGGCCCTTTGCCCTGCCCTTCGTGGTTCATCACAGCCGCGTATGTGAGGATCCTGCAGC  
GCATGATGTCTCGGTAGCCCCCTGCCCTCTCAACGCAGCATCCGGCTGCGGACAAAGAGGGTGACTCGCAC  
GGCCATTGCTATCGGCTGGTCTTCTTCGTGTGCTGGGCTCCCTACTATGTGCTACAGTTGACCCAGTTG  
TCCATCAGCCGCCCCGACACTCACCTTTGTCTACCTGTACAACGCAGCCATCAGCTTGGGCTATGCCAACA  
GCTGCCTAAACCCCTTTGTGTACATCGTGTCTGTGAGACATTCGCAAGCGCTTGGTCTGTGCGGTGAA  
GCCTGCCGCCAGGGGCAGCTTCGAGCCGTGAGCAATGCTCAGACAGCTGATGAGGAGAGGACAGAAAGC  
AAGGCCACCTGA

>GBCA0084 |Acc|D38223|Ver|D38223.1 GI:540498|Canis familiaris ZAP36 mRNA for zymogen granule membrane associated protein, complete cds.

ATGGCAGCCAAGGGAGGCACCGTCAAACCAGCGTCAGGATTCAAGTGCACACGACCCCTGA  
GGAAGGCCATGAAGGGGCTTGGCACCGACGAAGATGCCATCATCAGCGTCTTGTCTCCACGCAACACGTC  
CCAGCGCCAGGAGATTAGAACGGCCTACAAGAGCACCATCGGCAGGGACCTGATGGACGACCTGAAGTCG  
GAGCTGAGCGGCAACTTCGAGCGGGTGATCGTGGGGATGATTACGCCACCGTGCCTGACGACGTGCAGG  
AACTGCGCAGGGCCATGAAGGGATCTGGCACGGATGAGGGCTGCCTCATCGAGATCCTGGCCTCGCGAAC  
GCCGAGGAGCTCCGGTGATATAAACAGACCTACCAGCTCCAGTACGGCCGGAGCCTCGAGGACGTCAAT  
CGCTCCGACACGTCTTTCATGTTCCAGAGGGTGCTGGTGTGCTGTGCGGCCGGTGGCAGGGATGAAGGAA  
ATTTTCTGGACGATGCTCTCATGAGACAGGATGCTCAGGACCTGTATGAGGCTGGAGAGAAGAAATGGGG  
AACAGATGAGGTGAAATTTCTGACTGTTCTCTGCTCCCGGAACCGAAATCACCTGTTGCATGTGTTTGTAT  
GAATACAAAAGGATATCAGAGGATATTGAGCGGGTATTAAATCTGAAACATCCGGTAGCTTTGAAG  
ATGCTCTGCTGGCCATAGTAAAGTGCATGAGGAACAAATCTGCATACTTTGCTGAAAGGCTTTATAAATC  
TATGAAGGGCTTGGGAACAGATGATAACACCCCTCATCAGGGTTATGGTGTCTCGAGCGGAGATCGATATG  
ATGGACATCCGGGAGAGCTTCAAGAGGCTTTACGGAAGTCTCTGTACTCTTCATCAAGGGTGACACAT  
CTGGAGACTACAGAAAGTTCTGCTCATTCTCTGTGGAGGAGATGATTAA

>GBCA0085 |Acc|AY034786|Ver|AY034786.1 GI:21303188|Canis familiaris retinitis pigmentosa 1 protein (RPL) mRNA, complete cds.

ATGAGTGAACTTCTTCCACTAGTGTTTCCATGATTCAATCGGTCTTTTGAAGGTCAAGGTCTCTCTCGCC  
ACCTGAGTGTGATGCATCCTGTTGTGGCCAAAAAATCAGCTTCTACAAGAGTGAGAGACCCACAGTTTGG  
CGGGGTCAAGGTGGTGGTCAACCCGCGTTCCTTCAAGACATTTGATGCTTTGCTCGATAACTTATCAAGG  
AAGGTGCCTTTACCTTTTCGGGGTGAGGAACATCAGCACCCCTCGGGGAAGGCACAGCATCACACGCTGG  
AGGAGCTGGAGGACGGCGCGTACCTGTGCTCCACCGTAGGAAAGTGCAGCCGGTGCAGCTCGACAA  
GGCCGCGCGGCCCGCGCAGCGTGGCTCAGCAGCCGGGCCATCAGTGCATGCGCAGCGCTCCCCGCCG  
ACCAGCATAGGCGCCGCCGGGGCTCCCGGCATGCTACGCGCCCCGGAAGGCTTCTGGTCTTTAGAAATG  
GCGACCCGAAGATAAGGCGCGTGGTTATTGTGAACAGAAGGGTCACGCAGAGCTTCCAGGCTTTTCTGCA  
GCACCTGACAGAGGTTATGCGGTTCCCGGTGACCAAGCTGTACGCCACGGATGGAAGGAAGGTTCCAGT  
CTCCAGGCGGTGATCCTGAGCTGTGGAGCTGTGGTGAGCAGGAAGGGAGCCATTTAAACCAGGAATTT  
ATGACATCCAGAAGTACTTGTCTTCTGCAAGATTACCAGGGACCTCTCATCATGTATACATCAAGGGAAA  
TACTAGATCAGAAAGCAGAAAGATGAGCACACATGTGCCTTCAAGCCCCAAGGTCCAGATTTATTCTGTT  
TCTTCTGGCAAAATGCATAAATGATTGCTACTCAGACCATTCTTTTGTCTGAAAATTTACTTGGCCT  
TGAAAAAATGATTCTCGGAATTTTACTGATATACCTTCTGAAGATGATATTGAGAAATCAATTATTTT  
TAATCAAGATGGCACCATGACAGTTGAGATGAAAGTTCGATTTAAGATAAAGAGGAGGAAACCATAAAG  
TGGACCACTGTCAGTAGAGCTAGTCTTTCTCATAACAATGAAAAGTGTGAGGTAGGCTGTTTCCAGGAA



GAACAGATGATCAGTCATCTCATTTAAAGATTGCGGCATGCTCATTGTCTGCAGATGTCTCATCTCTGGA  
GAAAGACAATAATCAAGAGGTCAGTTTGACAGAGGAAATAAACACTCGAATAACAGATCAAGAGACTGAA  
ACTTGCACTTCTGTAGTTGGGAGAATGGTGCTATGGACACAAACATCTGTACCAGGGTGACTCAGGATC  
AAGCAAAGCATCATTTTTATAGGCCCTTACACCTGGACCAAAGAGAGTGAGACAAAATCTGTGAGAGG  
GAGTGTGACCTTGGTTTCTGAAACGGAAGTTGAAGAGGAAATGATTAGACAATTTTCTATAGTGAAGCA  
AGGGAAGATGGGGAACAAATCTGAGTATCACATGTTTACACATTCTTGCAAGTAAATGTATCAGTAT  
CTAACAAACCACTGCTTGTTCAGATCAATAACAATGAGCAGATGGAGTCATCTTTAGAAAGGAAAGGA  
GAGCAGGTTGCTCAAGTCAGGTGCAATACGTGCTGGTGTAGAAATTACAAATCAGAAGATGTTAGAGATG  
TCTCATAATAATGGCTCGCCGACAGCTATATCAGAAAACCAATTGTGGGGGAAGTTATAGTTGATAGTT  
TAACATCAGACAAACAACTAATATCAAAATCTTAAGGCCTTATAGTAGGACCAGGGATAGATTACAGCCC  
TATTTTAGCAGATACGACTCATTCTTTAAGTAACGACTCTGGAATTGACAAAACCTGTTTCTGAGATCCCA  
GCTTTGGTAGAGTCTTCCACTGTTACCACAAGAATTGACAGACTAATTAATGAATTTGCTCAGTGTGATT  
TAACAAATTCAGCAATGAAAAGCAGACTTTCGTTATCTGTTGCCAGCAAAAAGAGATGAAATCTCAGCA  
ACAAGTGATAAATCTAGGCATCAGATCCGGAAGATTGCAACCAAGGAATTTCTAGTAAGAATAAGAGA  
ATAAACACAGGACGTAGAATTGCACAGGAAATCATATTGGAGGGTTGAGATGGTTCCCTTAAAGGAGGAG  
TAGTTTGTGAGGAAGACCTCCATGTAAGTGATACGGTAATTGAATCAAATTATTGTTCCCAAAGTGATCT  
CAATCCTGTAAATTCGAAGAATTTCCATGTAAATAAATTAATACTCTTCAGAATCCTAAGAAGTTTCAA  
GGACTTTTAGCTAAAGAAAATCCAGACCACTAACCAAGTAAGTTTAGGAGGACCTACAAAAGAGAGAA  
TTGGTCAAGGAGATAAAGTATTTCCCATATGACTTTAGGTATTGCAAAAATAAATTTGAAGATCAAAA  
TTTATTTCTATGTTTAACTTCCCTGAGCAAAGACCCAGTGATTTTTGTGGACCACAGGGCCAAGCAGAA  
ATAGCATCTTGGTATTTGGGAGGAATTACTAAGAAAATTTAGTTTCAAAGTTAATAATTCACACATAA  
CTTTAAAACTCAGAAGAAACAAAAGGGGATAAGTTAAATCAAGTACTACTGTAAGTAAACAACAAGT  
TACAACAGGGCAAATTCCTTAGGTTCTTTGAAAAGGCTGTTTTCTGAGGCTATTAGCCATCAATCA  
GTTCAAATTTATATACAGAGATGGTTGCAGAACACAAATCCACATTGAGCTTTGCAATCTAGAAAATCAG  
CTCCAATATACAAAAGGATAGGAGTGTGGTAAAGTTGTAACAACAATGGTTTTGCAGGAACCTAAGTCCCA  
CACAAGTTCTGGAGAAGGAATAATTTTGCTAGAGAAAGTAACAAGTATATACTAAAAATGCCAGTTTG  
ACAGAAATCTAGGTAAAAAGGTAGGTAAATTTTTTGACAAAGTTAACAAGTGAAGAAGTCTTCTAAAGATC  
TCTGTGAGAACCAGGTTGAATCTCTGAATGATGCTTGCTTCCCTTGCAATGAAAATTTGTGCTTTGTGTC  
ACAGTCAGCTATTGATGATCATAATACTAAAAATCCAGGTATGTGCTGAAAAATTTAGGACCAGAGATAAGC  
CTTGTTTACCAGAGATAAATGTAGCTACAAAAAGGCACAGCGTAGAAGCTGCCATTCAGTAGATCTTA  
CAGAAGAAGACACTCAAAAGACCCCTTACCAATCTTATTGCTTCGCCAAGTGAAGCTTTAGTTCCCTAG  
TATTCATAAGACTCAGAATGGAATTACTCAAATGCCAGGTTCACTTGCAAGATATTTCCCTTCTCTTCCCA  
ATATGTAAGTCTTATACTAATGTTCTCTAGCTTGGCTTCTGGTACTAACCTTAAAGGAAGTATAAATA  
GCTTCTGTCAAGGTGATGCTCACAAGACTACCAACAGAGCTTCAGAAATCTTGGATTATTGGAGGTCCT  
AAGGCATCTGCCATCAGAGGAAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG  
ACAAATCACTTTGGACTCACTGAGAAAGAACAGACATGGTTCCAGTAGGACTTTCTGCAAATTTGTTCCA  
CACCAACCTTCATAGAGTTCTTAAGTGCGTTGAAAATGAAAAACACAGAAAATCTCTTCAGGTGGAGG  
CCACTCTGCCAGTGAGCACTGTGGCCCTGAAGCCTGTGTTTCAGAGTTGACTTGTTCATGTGATGTGTC  
ATTGTGAATAAGACCTGTCTCCCAAAGAGACTTGTAACTCAGTGACATTTTTTGCCTAGTGATGGCT  
GTACTGTTGATCAGACCCCCATGAATAAGGCTTGTTCCAAGGAGAGGCTGTTCACCTTACTGATGCTCT  
ATCTTCCACAGGGCTTGTGCTCATGAAGAAAACCATAGTCGTAAGGCACTTGCCCAATTGATGAGGCC  
TACATTTCCCAACAAAATCTGTAACACCAGTGATTTTTTAAATTTTAAAGAAAACATGTACTGATAATT  
TGGAATTGACTGAAGAATTAGAAAGATAAATAAAGTTTCAGAAAGATCTAAATGTTTTGGCAGACCTTG  
GTGTAACATAGCTTTAATATATTGGTATCAGACCAGAATATCAGCAATTTAAGCTACTCTAGCTTTCCC  
ATAAATGAACTGAACAGAAATTTGATAAGGAACGTAGTTCTGTAGCTGAATGAAAAATTATTATTAA  
AGACATTTTCAGGGTAAAAATGCATATACATCCTCTGATAAGGAAGACTCCAAGACTTCTGAAGAACCAGG  
CTCAATAACCAATAGCATGACATCAAGTGAAAGAACATTTCAGAATTGGAATCTTTTGAAGAATTAGAA  
AACCAGGACACTGATACCTTTTCATATGAAGGTAAATGCAAGAGAGCAGGCCGCTGAAGAATTGATCCAAA  
AAGAGTTAGAGGCTAGTAAAAATTTGCAATTGATCGATGGCTCCAGAAGGAACATTACCGAAGAAGAAGA  
AAGAAATGGTATAATTTGCGAGGCAATCCGAAGGAGGCTGGCAACACCACCATCTTGTAGTGTGTTGCTAT  
GATCTTAAGCAAAATACTGAAAAGGACCTCAATGAAGGAGAACTAAAAATGAGAGTAAAAATGATGGTGA  
AAAGCGTGGAATTTGGAAGTTATTTCAGAGTCTCTCTTGATTTTAAAAATGACTTCATAGGACCAGTGAC  
TTCTGATTGGTCTGAATTTAGACCAAGCAGTGAGAATGAGCAGCCATATAAAACATCCAGTGATGGCCCC  
AATGGCAGTTGTGAGGAAATTTTCAAGACAAGGACTATAATAAAGGATTTGTTAAAAGGACAATAGAAA  
AAGTTTACAGTAAAGGGGAAATTTAATTAACCATCTTTTTTCTGGGCTATACACAGATCTCAGGTTTG  
TCCTTATAATTTCTGTTGAATTTTCAGTGTGCTAGGAAAGTAGATCTTTATGATTGTGAAGGTGAGTCATTT  
GGCTCTTCTGAACAGCTCTCTAGTAATTCATCTATGTTGCAGAAATTTCTAGAAGAGGACAAGATAAAT

GTGACTTTAATGATGTGAGGGCCAATTATCATGGAGGAGACATTTTAGGACATGGTACAAAACAAAACGA  
TCATAACAGAATCATCAGAGACATAGAAGAAGGAGTACTGATTGATAAAGGAAAGTGGCTCTTGAAAGAA  
AATCATTTGTTAAGAATATCATCTCCTGAAAATTCAGGCTTATATGGCAATGCAGACACCATATCAGTGG  
ATACTCTACTTAATAATGACAATGAAGTACCATATCCCATTTCGGAAATTTGGCCCCAGACCCAACCAT  
GGCTGAGCTGTCTCTTCAGAAATTTGGAGGAATTTGAGTCAACCCCTTGAAGTAAATGCAGTTATTTTAAT  
ATGCCCTCATTTGTAGTGATTCTGAGCCTTTTTGTGAGGATTTGCTAGATGTTCAAATAAAAACCTTTGCGCA  
GGGAGAGAATACCAGTTCATCATGCAGAGGAGAAGGCTAATCATAAATCAGAAAGAGTATGCACATCAGT  
AACTCATGGCTTTACATCTGCTGGTAACAAAGTTCATCTGTCTCTGATGATACTATTAAAAATCAACCT  
TTGCCTGTTAATAATGCAATTCATGGTGCACCTCAGGAAGGCGACTCTCTGGATAAACTCTATGCTATCT  
GTGGACAGCATTGCCCAATACTAATGTTATCATCCAGCCTATAAATGAGGAAGACCGAGGATTTGCATA  
TTGCAAAAATTTCTGATATTGAAAATTTCTTGGGCCCTCCATTTATGGATGAAAGTACATCCATATTTACTA  
CCATCAAACAAAACCATATTTAGAGATGCTAACAATAAAGCAAATGGTAGAAAAGCATTATTTGATAATG  
CCTTTGATGATACATTTGACTTGATGGATAAAAAGAAAATTAAGAAATTTAAAAGGAATTAGTTCAATTTGGG  
CTTAGAGGAAGAAAATTAATTTAAAGAAATTTCAATTTATATTTAAAGAAAAGTTTGTGTGAATTTCTTG  
CACACATCATTTGTTGATGTTGGATAAATAGGAATTCAGATACACGTGACTCCATTAATCAGACAAATGAAA  
TCTTTGAAGTAGTTGATGAGAATAATAATTTCTTGAATAGCAGATTTTCAAGAACTCAAGAACAATCTCAA  
CCAAGTAGTAAGAGAATGTAGTGACTTCTTTTTTGAATGCATGGTGCAGACTTGCTTATTTTACCAGATT  
GAAACATCTTAAATAGTAACAGAAATACAGTAGAAATATTTTATGTATTTGAGGATGAAAATCTTT  
TTATTTGGGAAGAGGAAAGCCAATTTGATCTTGAAGCAATGATGAAGATTTATAA

>GBCA0086 |Acc|AF506750|Ver|AF506750.1 GI:20977256|Canis familiaris cardiac troponin I  
(TNNT3) mRNA, complete cds.

TGCTTTCAGTGAAGCTTGAGCAGTGCAGACAGACTGAAGCTCTGGGGGCCTTCAAGGTCATCCCGGATGC  
CCCCCTCACTGACCTTCCAATCGCCCTTGCCTTCTTTGCCTCCTGCAAGCCTTGGCCTGAGTCTGCGCA  
TGGCGGATGAGAGCGCGCATGCGGCGGGGTGCCGCCCCCCGCTCCGGCCCCGATCCGACGCCAGTCTTC  
CGCCAACTACCGCGCGTACGCCACGGAGCCGCACGCCAAGAAAAAGTCCAGATCTCCGCCTCGAGGAAA  
CTGAGCTGAAGACCTGATGCTGCAGATCGCAAGCAAGAGCTGGAGAGGAGGCGGAGGAGCGGCGCG  
GAGAGAAAGGCGCGCCCTGAGCAGCGGTGCCCGCTGGAGTTAGCCGGCTTGGGCTTCGCGGAGCT  
GCAGGACTTGTGCCGACAACCTCACGCCCGAGTGGACAAAGTGGATGAAGAGAGATACGATGTGGAGGCG  
AAAGTCACCAAGAATCATCAGAGATAGCAGATCTGACCCAGAAGATCTTTGACCTTCGTGGCAATTTA  
AGCGGCCCCCTTACCGGAGGTGAGGATCTCTGCAGATGCCATGATGCAGGCGCTGCTGGGCACCAAGGCT  
TAAGGAGTCTCTTAGACCTGCGGGCCCACTCAAGCAGGTGAAGAAGGAGGACACAGAGAAGGAAAACCGG  
GAGGTGGGAGACTGGCGTAAGAATCGATGCGCTGAGTGAATGGAGGGCCGCAAGAAAAAGTTTGAAG  
GCTGAGCTGGCTGCCCCCTGCCTGGCCCTGAAGGTGTCTTGAAGGAATAAAGTTTCTCTCTGAGCTAAA  
AAAAAAAAAAAA

>GBCA0087 |Acc|AB085580|Ver|AB085580.1 GI:20975411|Canis familiaris mRNA for caspase-3,  
complete cds.

GGGGGGGGGGGGGGCAGAAACACTGGCGACCGGCGGAAACCCACGGGGTTTCGAGAAGCAGACCCGAAGG  
CTTGCAATAAGCCGCGCGCCCTTTCCCGGGCTCGCATCCGCTGCCGAAGTCCCCTGGAGAGTGCCGTTC  
TCACCTGTCCCGCGGGCTTCGCCGGGCACAGGCTGCCTCCTTCCCTGTGCTCCGGAGGCAGAGTGCCA  
TGGGAAGTACCTTTACTTCTGGAAGGCCAGAGAAGACATGGGAGAACAACGGAACACAAGTATTAGAAGT  
ATCCATGGAGAACACTGAAACTCAGTGGATGCAAAATCCTTTAAAAATGCAGAAACAAAGATCTTACAT  
GGAAGTAAATCAATGGACTCGGAATGTCTTCGACAACAGTTATAAAATGGATTATCCTGAAATGGGTT  
TATGTATAATAATTAATAATAAGAACTTTATAAAAGTACTGGAATGGCACCTCGGTCTGGTACAGATGT  
AGATGCAGCAAACCTCAGGGAAACATTACAAACTTGAAATATGAAGTCAGAAATAAAATGATCTCACA  
TGCGAAGAAATTTTGAATTAATGAACAGTGTCTCTAAAGAAGATCATAGCAAAAGGAGCAGTTTGTGTT  
GCGTGTCTTAAGCCATGGGGATGAAGGAATAATTTTGAACAAATGGACCTGTTGACCTGAGAAAAGT  
AACAGGTTCTTCCGAGGAGTTACTGTAGAAGTCTGACTGGAAAACCCAACTTTTATTATTCCAGGCC  
TGCCGAGGTACAGAACTAGACTGTGGTATTGAGACTGACAGTGGAAATTGAGGATGACATGGCCTGTCAGA  
AAATACCAGTCGAAGCGGACTTCTGTATGCTTACTCTACAGCCCCTGGTTACTATTCTGGCGAAATTC  
AAAGGATGGATCCTGGTTTATCCAGTCACTTTGTGCGATGCTGAAACTATACGCTCACAAAGCTTGAGTTT  
ATGCAATCTTACTCGGTTTAAACGAAAGGTGCGAACAGAAATTTGAGTCTTTCTCTAGACTCTGCTT  
TTCATGGAAAGAAACAGATTCCATGTATTGTGTCTATGCTCACAAAAGAACTGTATCTTTATCACTGAAG  
ATGGATGGGTTGGTTTGGTTTGGTTTGGTTTGCATATGCCAAGTGAGGAATGGTTAACTGATCCTATATT  
TTCCTCTCATTTAAATCTAATTGAATACTTGAAGTGCTACTTCAGAACATGCTCCTTTTATAGCAATAGA  
ACTATGAGGCTACTACACTCAGAACCAAGGTAGCTAAAATTAATTTAATTTAGGAATAAATAGAAATGG  
GTAATGGTATAATCATTGTGAGAGGAAATGTTTCTAAATTAAGTGCCTGATAATTAGCAAGTTTGTAGTG  
ATGGTGTATGTATTTTAAAGTAATTATGGAAGAAAGTTAAGCATTGTAGTTATGAAAAAAAAAAAAAAAAA

AAA

&gt;GBCA0088 |Acc|AB043895|Ver|AB043895.2 GI:20502477|Canis familiaris Brca2 mRNA, complete cds.

AAAGAAGGCCGGCGGAGGCGGAGGCGGAGCTGCTGGGGCTTGGCGCTCTGGAAGTCGTCCCAGCCGCGGG  
TCGCCGAGGAAAGGAGCCTGCGGGTCAAGCTTTCTGGCCGAAGTGCCGGCGCAATTTGTTAGCCGTCTCC  
GGCCAAAAGAGCGGCACCTCGGAAGGCGAGTTATTTACCAAGCACTGGAGTAATATTGTAGATAAAAT  
GCCTGTTGGATGCAAGAGAGGCCAACATTTTTTGAAATTTTTTAAGACGCGGTGCAATCAAGCAGATTTA  
GGACCAATAAGCCTTAATTTGGTTTGAAGAAGCTTTCTTTAGAAGCTCCACCCTATAATTCTGAACCCACAG  
AAGAATCTGGTTATAAAATCAGCTATGAACCAACCTATTTAAAACACCACAAAGGAAACCTTATAATCA  
GTTGGCTTCAACTCCAATAGTATTACAGAGAGCCAATATACCAACAATCTCCTTTAAAAGAATTAGATAAA  
TACAGATTAGATTCAGGAAAGGATATTACCGATAGTAAACATAAAAGTTGTTGCACAATGAAGTCTAAAA  
TGGATCGAGCAAATGATGTTACCAGCCCACCTCTAAATTCTTATCTTAGTGAAAGTCCTGTTCTACGATG  
TACACATGTAACACCACAGAGAGAAAAGTCGGTGGTATGTGGAAGCTTATTTTCATACACCGAGGCTTATG  
AAGGGTCAGACACCAAAACGCATTTCTGAAAGTCTAGGAGCTGAGGTGGATTCTGATATGTCTTGGTCAA  
GTTCTTTAGCCACACCACCAACCCCTTAGTTCTCGCATTTCTGAAAGTCTAGGAGCTGAGGTGGATTCTGA  
TATGTCTTGGTCAAGTTCTTTAACTGTGCTAATAGTCAGAGATGAAGAAGTATCTGCAGCTGTATTTCTT  
AATGACACTACTGCTATTTTTAAAAGCTGTTTTCTAACCATGATGAAAGTCTGAAGAAAAATGATCGGT  
TTATCCCTTGTGGTCCAGGCAAGAAAAACAAAAATCAAAGGGAAGCTAAAAGTCAAAGTTTGGGGAATTC  
ATTTGGTAAAGTAAATAGTACCAAGACCATTTTGTAAAGTCTACACCAATGTCTTAGAGGGTGAAGTA  
CATGAAAAGTTCTAGATGTTTCTGAAGAAGAAGATAGTTTTTCATTATGTGTTCCATAATATAAAACGA  
GAAATCTACAAAAATAAAACTAGCAAACTAGGAAAAATATTTTTAATGAGACAAAAACCAGTGAATG  
TGAAGAAGCTAAAAAGCAAAATGAAAGAAAAATAACATTCATTGGTATCTGAAATGGAACCAATGACAGT  
CATCCATTAGATTGGAATGTAAACACATGAGAAGCCCTTTGGGAATGGAAGTACAAAAATCTCCAAGGAAA  
TTGTACTGTCTTCAGCCTCTGGATGTTCTGACCTAACCCCTCTCAAGTCTAAATGGAGCTCAGATGGAGAA  
AACACCTCTATTGCATCTCTTATGACCAAAATAATTGAGAAAAAGACCTCATAATCACGGATAAAGAA  
TGCACCAACTTCACTTTTGGAAAATTCTTGGCCACAGATTTCAAATGTACCAAGTATTCAGAGAAGA  
CGTTAAATGAGGAAATAGTAGTAAATAAGATAAAGCAAGGGCAGTGTCTTGAATCTCATGAAGATTCCGT  
TGTTTCGGTAAAGCAAGCAATATATGAAACTACTTTAATAGCTTCTCCACTTCAGGGTATCAGAAAGTCT  
ATATTGAGGATAAGAGAATCACCTGAAGGGATGTCCAATGCAATGTTCTCAAATAATATGACTAATCCAA  
ACTTTAAGAACCTGAAGCCTCTGAAAGTGGATTGGAAAAACATACTATTTGCTCTCAGAAAGAGGATTC  
TTTATGTACAAGTTCAATTGATGATGGAAGCTGGCCAGCAACTATCAAACATACTTCTGTAGCTTTGAAG  
AATTTAGGTTTAAATATCTAGTTTGAAGAAAGAAACAAAAAGTTTATTTACGTTATAAATGATGAAACAT  
CTAATCAAGGCCTGAAAACACAGAAAGACCAAGAGTCAAGACTAATTAACCTTTTCGACCAATTTGAAGC  
AAATGCTTTTGAAGGACCCCTGACATTTACAAATGCTGATTGAGTTTATTCGATTCTTCTTCCATCAAA  
AAAACTGTTTACAGAAATGATCAGAAAAACAGCTTTTGTCTTTAACCAAGCTCTTTTGGGACAAATCTGA  
GAAAAGTTTCCAGTAAATGGAGCCAGTTCTCCTAATAATAAAATAATATCTCAGGATCCTGATTATAAAGA  
AGCAAAAATTAATAAGAAAAAATTTGGAGTCATTTATAACCAAGAACTGATTGTCTGTCTATCCCTGCAG  
GAAAACATTGGGAAGATGATGCAAAAAACAAAGAGTTTCAGATATAAAAGAAAAAGTCTTGCCCTACAG  
TAAGTCACCCCTCTGTGCCACATTCAGAAGTGGAAAGGTAGTGATATTCATTTTCAGTCTCCAGAAAGCTT  
TTCATTTGACTGTGATAATACCAGTCTGTAACTCCTAGCTCTAGGGATTCTCCATCAAGCCTAGTTGTG  
ATGTCTAGAGGAAAAGAATCATATAAAATATCAGAGAACTAAAATGTAAGAATCATGAACTGGTTTTG  
AATTAACCAAAATATTTCCCATGGAAAAGAATCAAGACATACATGTTTTAAATGCAGATTCTAAAAATGC  
TAACTGTTGTCAACTGAAAAACATATAACAGTAGCATCATCTTCAGTAAAGGTTTCAGTTCAACCAAAAT  
GCAAATCTCACCACAATCCAAAAAGACCAAAAAGAACTACTTTAATTTCAAAAAATACTGTTAATCCAA  
ACTCTGAAGAACCTTTTCCAGATGATGAAAATAATTTGTCTTAAAGATAACTAATGAAAGTAATACTCC  
TGTTTTAGGAAATACTAAGGAACTACATGATTCAAACCTCTGTTGTGTAAGAGATTCTGTTTCTAAGAAC  
TCTACCATGGTAGTAGTATGATGACAGACCTGGATGACAAAACAAACAGCCAAAGTGTGATTATGAAAGATTG  
ATTATCAAGCATAGATGATCTTACAGAAAGGAACAGAAGTACCATAAAGCAACAACCTAAAAATGACTCT  
AGATCAAGATTCAAATCAGACATTACCTCAGATATAGTTAGGAAATCAAATGGAACAGTGATTATATG  
GATAATTGGGCAAGACTGTCTGATCCAATTTCAAATCACAGTTTGTGAAATGGCTTCAAAACAGCTTCTA  
ATAAAGGATAAAACTCTCTGAAAACAACATTTAGGAAAAAGTAAATGCTTTTCAAAGATATTGAGGAACA  
TTATCCTACTAACTTAGCATGTCTTGAAATTGTAAATACTTCATCATTAGAAAGTCAAAGAAACCAAGC  
AAATCTCATGCACTTGATCCACAGTCAATTAATATCATATCTGGGTTTGTGCAGAATAGCACATATGTTT  
CTGATAGTGAAAGTGGTCACACAGCTCCTCCAACCTTTATCTTTAAAGCAAGATTTTGATTCAAATCGTAA  
TTTAACTCCTAGTCAAAGGCAGAAATTACAGAAGCTTTCTACTATTTTGGAAAGAAATCAGGAAGCCAGTTT  
GAATTTACACAGTTTAGAAAACCAAGCCACATAATACAGAAAAATCCATTTGAAATGCCTGAAAACAGC  
TGACTATCTTGAATAGCACTTCTAAGGAATGGAAGATGATGATCTTCATCTCACAACATAATGCTCCATC

TATCAGTCAGGTAGATAGCAAGAAATCTGAAGGTATAATTGGAGGTAAGCAGAAGTTTGCTTGCTTGTCAGTGA  
AGAACCAGCTGTAACAGAAGTGCTTCTGGCTATTCAACAGATAAAAAATGAAGTGGAGTTTAGAGGCTTTT  
ATTTCTGCTCGTGGCCACAAAACCTGAATGTTGGTAGTGAAGCATTGCAAAAAGCTAAGAAAACCTGTTCAAGTGA  
CCTTGAGAAATATCAATGAGGAACTTCTGTAGAAGTAGATAGAAGTTTCTCCTCAAGCAAAATACAATGAT  
TCTGTCTCAATGATTCAGATAGAAGATTGTAATGATAAAAAATTTAAATGAGAAAAATAATAAATGCCGGC  
TAATACTACAAAATAATATTGAAATGACTACTGACATTTTTGTTGAAGAATATACTGAAAGTTACAGGAG  
AAATACAGAAAAATGAAGTAAACCAATGTACTGACCGTGGTAGAAAATCTTGTAACCTCAGAATCTGATGGC  
AGTGATTCAGTAAGTAAAAATGATACAGTTTATATTTCATGAAGAAGAAAAATGGCTTGCCCTGTATTGATCAGC  
ACAACATAGATCTGAAATTATTTAGCCAGTTTATGAAGGAGGGGAACACTCAAATTAAGAAAGGTTTGTC  
AGATTTAACCTGTTTGGAGTTATGAAAGCTGAAGAAACATCTCATGTTACTATGTCAAATAAACAGCAG  
TTAAGAGCTAATACGGGGCAAAACATAAAAGATTTTGACACTTTTTATTTATCCTTTTCAGACTGCAAGCA  
GAAAAAATAAAGGCTCTCCAGAGAGTCATTAATAAAGCTAGAAGTCTCCTTAATCAAAAATGGACAGA  
AGAAGAATTAATAAATCTTTTCAGATTCTGTAATCTGAATTACTTCTGGCATAGATATCAAGAAAAACA  
GACATCTCAAATCATGAGGTAATAGAAAAATCTGAAAGAAAAAGACAAAATAACGAAAGAAAGTGACCTAA  
TTGGTACTGAAAAATATATTACTGATCCTGCAGCAAGACCAAGAAAGTAAAAATAAAAAAGATCAAGAATC  
TGCTGTGTTGGGTTTTTCATACAGCTAGTGGGAAAAAATAGAAATTACAAAGGAATCTTTGGACAAAAGTA  
AAAAATCTTTTTGAAGAAAAAGAGCAAGATAATAGTGAAATCACTAATTTTAGCCATCGAGGGGCAAGA  
TGTTCAAGGACAGAGAAGATGTAAAGATGGGCGTGAATTAGCTTGTGGGACAACCTGAAATAACAACCTAC  
CCAGAGTATGAAGAACTCACAGTTCTCTAGAGAAGAAAAAATCTGTTTCTAATGAGATTGCGACCTTA  
AGACCCAGGCTCTTAAGTGATAATTTATACAAACAACTGAAAATCTTAAAAATATCAGATCATGCCTCTC  
AGAAAGTTGATGTACATGAAAATACAGAAAAAGAAACAGCAAAAAAGCCTACAATGTATACAAATCAATC  
CAGTTATTCAGCCATTGAAAACCTCACCTTTAACATTTTACACAGGACACGGAAGAAAAATTTCTGTGAGT  
GAGGCTTCACTATTTTGAAGCAAAAAAATGGCTTTAGAGAAGGAGAATGGGATGATCAATCAGAAAGAATAA  
ATGCTGCCAAGGTTAACTGCTTAAAGAAATATCCTGATGATTACGTAGAAAAATCCTTCATGTGGAAATAG  
TTCAAATAGTGCCATAACTGAAAATGACAAAAATCATCTCTGAAAAACAAGGCTCAACTTATTTAAGT  
AATAGTACCATGTCTAACAGCTATTACATACCCTCGGCTTTTGTCTATTCTAGTGAAGTGTATAATAAAT  
CAGAATATCTTTCAAGAAGTAAAAATGATAATTTCTGGTATTGAACCACTAATAAAGAATATTAGAGAGAG  
AAAAAACATTGGTTTTTCTGAAATAATGTCCCTGGGAAGAGAAGCAGACACAGACCCACAAAGTGTAAT  
GAAGTATTTGTGTTGAGAACTTGCGACTAATCTTCATGCAAAAAATAAAAAATACAGCCATTAAAGTGG  
CCATATCTGACTCAAATAATTTTAAATACAATTCAAAAGTTGAATTCGATTCAAATAATTTCTGTACCTGC  
ATACAGTACAGTAAATAGTAAAGAGTCTTTGTTGCACACCAGACAAAAGTGACAGAGGGGTTTACAGAC  
AACTGCAGCATGGTAACTAAACAAAACACCAAGAGTAAATCAGACACTTGCCATGCAGAAATTTGTGGCAG  
ATTTATCCTAAGGCACTGGATGATTGAGAGGCTATTTTCTTAACCTCTCTGGGTGCTATAGAATGTTCAAC  
TTCACATAAGGTTTTTGTGACATTCAAAGTGAACAACTTCACAACCTTAACCAAGTATGTCTGGATTG  
GAGAAGTTTCTGAAAGCAACCTTGTCAGATTGTTCAAAAATCTCTGATAGATGTGAACCTTCCATAGGG  
GGAAGCTTCCCAAGTCAGTCTCTTACACAAATGCATGTGGGATTTTTAGCACAGCAAGTGGAAAAATCTGT  
ACAAGTATCAGATGCTGCAATACAAAAGGCAAGAGAGGTGTTTTCTAAGCTAGAAGATAGTGCCAAAGCAA  
CTCTTTCTGAAAGTATCACTTAAAGATAATGAAGAACATTGAGAAAAGTTCACAAATGAAGAAAAATCTG  
TGATATATACCTCCCAAAATTTACTATCATCTGCTTTCTCTGGATTTAGGACAGCAAGTGGGAAACAAGT  
TCCAGTTTCTGAAAGTGCCCTTATGCAAAGTTAAGGGAATGTTAGAAGAATTCATCTGATCAGAACTGAA  
AGTTGTCTTCAGCATTCTACTTCTAGACAAGATGATCAAAAATGCCTCCTCCCTCTTGTATTGGTA  
AGAGAACCCAGAACACTCCAGAACTCAAATTTGGATAAAGCCTGCAATAAAGAATTTAGATTATCAAG  
TAACGTGAACAATCAGAGTGGTTCTTCAGAAAATCATCACTCTATTAAGTTTCTCCATGTCCCTCTCAA  
TTGAAGCGAGACAAACCACAGTTGCTAGTCGGAAGCAAAGGATCACTTGTGAGAACATTCATCCTTTGG  
GAAAAGAACAGCTTTTACCTAAAAATATAAAAAACAGAGATTGGGAAAGCTGAAACTTTTCTTAATCTTCC  
TGTGAAAAACAAATATAGAATTTTGTCTACTTACTCCAAGGATCCAGAAAATCTTTTGAACAGAAACC  
GTAGAGATTGCAAGCTTTTATGGAAGATGGTGACAGATTCCGAACTGCTAAGTCATGCGCAAGC  
ACTTTGTTTTTACATGCCAAAACACTAAGGAAATGGTTTTGTTAAATTCAGAAATTTGAAAAAGAGAGG  
AGATGCACTTGTCTCAGTTGGAGAACCCCAATTAAGAAAGAACTTGTAAATGAATTCGGCAGGATAATA  
AAAAATCAAGAAACATCTTTAAAGCTTCAAAAGCACTCCAGACGGCATCTTAAAGACAGAACTTGT  
TTATGCACTATATTTCTTTAGAGCAATTTCTGTGACCTTTTCGCACAACCTGAGGAACGGCAAGAAAT  
ACAGAAATCCAAATTCATCTGCACTGGTCAAGAATTTTGCCTAAATCTCATTTTATGAACACCTGGCT  
TCAGAAAAATCTTCAAGTAAATTTATCAGTTTTCACGCAACCATTGTTGATGGTTCTGCCACAGGAAATG  
AAAAAGGAGACACTTGATGCTCCAGGCAACCAGTGAAAGTCTTTGTCCACCTTTTAAACCTAAATC  
ACATTTTACAGAGATGAGCAGTGCATTAGCAAGAAATCTAAATTTGAAAAAACAACAAACCTCCAAA  
GACATAGATGAACTTGGCTGTTGGTGAATGAAAAAATAATGACAGTGGAAATCCATCAGCTTAAGA  
AAAAAATCTCAATCAAGCAGCAACTATAATATTCACAAAGAATGAAAAAGAACCTTTAGATTTAATTAC

AAATCTTCAGAACGCCAGAGATATACAGGATATGCGGATTAAAAAGAAACAAAGGCAGCATATTTTCCCA  
CAGCCAGGTAGTCTGTATCTTGCAAAACCTCCACTTTGCCTAGAATCTCTCTGAGAGAAGCAGTAGAAG  
GCCGAGTCCCCTCTGCATGTTCTCATAAACAGCTCTATATGTATGGTGTTCCTCAACATTGTGTAAAAAT  
AACAGCAAAAATGCAGAGTCTTTTCAGTTTCATGCTCAGGATTATTTGGTAAGGAAGGCCATATGGTCT  
GGAGAAGGAATACAATTCCTGATGGTGGATGGCTCATACCTCCATGATGGAAAGATTGGAAAAGAAG  
AATTTTATAGGGCTCTGTGTGACACCCAGGTGTGGATCCAAATTGTATTTCTAGAGTTTGGGTATATAA  
TCACTATAGATGGATTATATGGAAATTGGCAGCCATGGAATTTGCCCTTCCCTAAGGAATTTGCTAATAGG  
TGTCTAAGTCCAGAAAGAGTGCTTCTTCAACTAAAATACAGATGTGATGTGGAAATTGATAAAAGCAGAA  
GATCAGCTATAAAGAAGATAATGGAAAGGGATGACACAGCTGCAAAAACACTTGTCTCTGTATTTCTGA  
AATCATTTTCGTCAAGTGCAGATATATCTGAACTTCTAGTAGTAAACTAGTAGTGTGGGTACCAAAAAA  
GTGGGCATTATTGCGCTCACAGATGGGTGGTATGCTATTAAGGCCAGTTAGACCTCCCCTCTTAGCTC  
TCGTAAAGAACGGGAGATTGACTGTGGGTGAGAAGATCACTATTCATGGAGCAGAACTGGTAGGCTCTCC  
TGATGCCCTGCACACCACTTGAAGCCCCAGAATCTCTTATGTTAAAGATTTCTGCTAACAGTACTCGTCT  
GCTTGTGTTGATACCAAACTTGGATTCTCTCTCTGATCCTAGACCTTTCCCCTCTCCCCTTGTCTACTTT  
TCAGTGTATGGAGAAATGTTGGTTGTGTTGATGTAGTTGTTCAAAGAGCATACCCAATACAGTGGATGGA  
GAGGACCCCATCTGGATTATGCATATTTGCAATGAAAGAGAGGAAGAAAAGGAAGCAACAAAATATGCA  
GAAATCCAAACAAAAGAACTAGAAGTTTTATTCAATAAAATTAAGCAGAAATTTGAAAAGAATGATGAAA  
ATATAACAAAGCAGTGTATACCATCATGTGCATTAACAAGACAGCAGATCTGTGCTCTGCAAGATGGTGC  
AGAGCTTTATGAAGCAGTGACAAATGCACCAGACCCCAAGTGACCTGGAGGGTTATTTTAGTGAAGAGCAG  
TTAAGAGCCTTGAATAATCACAGACAGATGTTGAATGATAAGAAGCAAGCACAGATCCAGTTAGAATTCA  
AGAAGGCTATGGAATCTGCTGAGCAAGGAGAACAATTTCTACCAAGGGATGTACAACCTGTGTGGAGTT  
ACGTATCATAAGCTACAGGAAAAAGAAAAAGATTTCAGTTACATTGAGTATCTGGCGTCCATCACCAGAT  
TTATATTTCCCTGTTAATAGAAAGGAAAGAGATACAGAATCTATCATCTTGCAGCATCACAATCTAAAAGTA  
AATCTGGAAAAGCCAACACACAGCTAACAGCAACAAAGAAAACCTCAGTACCAGCAACTACCAGCATCAGA  
TGAAATCCTATCCCAAGTTTATCAGCCAAGGGAACCCCTTTACTTCAACAACTGTTGGATCCGGACTTC  
CAACCACCTTGTCTGAGGTGGACCTAATAGGATTTGTAGTTTCTGTTGTGAAAAAATAGGTCTTGCTC  
CTGTGGTCTATTTGTGATGATGAATGCCATAATTTATTTGGCAATAAAGTTCTGGACTGATTTTAAAGAGA  
CATTATTAACCTTACACATTAATTTGCTGCAAGCAACCTCCAGTGGCGACCAGAAGCCAAATCAGGAATT  
CCTACTTTATTTGCTGGAGATTTTCCAGGTTTTCTGCCAGTCCAAAGGAGGAGCATTTTCAAGAGACAT  
TCCACAAAATGAAAAATACTGTTGAGAATATTTGGTATGTTTACAATGATGCAGAAAACAACTTTGTGCA  
TATACTTAATGCAAAATGATCCCAAGTTGTCCACCCCGACTAAAGACTATGCTTCAGAGCCACACAGCT  
CAAATAGTCTTTGGCATAGGAAATAAATTTCTGATGTCTTCTCCCAATAATGAGATGAATTATCAGAGTC  
CTTTATCACTTTGTAAGCCAAAAGAGAAGTCTGTCCCCATACCTGGATCAACCCAAATGACTTCAAAGTC  
TTATTGTAAGAGGAGAAAGAGATGGATGACCCAAAACCTGCAAAAAGAGAAGAGCCTTGGACTTTTGTG  
AGTAGAGTCCCTTACCTCCATCTGTCACTCCCATTTGTTTACATTTGTTTCTCCAGCTGCACAGAAAGCAT  
TTCAGCCACCACGGAGTTGCGGCACCAATATGAAACACTGATGAAGAAAGAGTTGAATTTCTCCACAGAT  
GACTCCACGTAAATTTAATGACCTTTCCCTTTTGGAAAGTGATTCAATAGCAGACGAAGAAGTCCGAAATG  
ATAAACACCCCAAGCCCTTTTGTGGGTTTACCAGGAGAACATCAACTTGTGTCTGTGACTGACTCTACCA  
GGACTGCTCCACGAGCTCAAAAGATTATCTTGGACTGAAAAGGCATTCTACTGCACCCGGGGTCAGAGG  
ACCCGAGAGCCCCAGGCCCTGCACCAGGAAGCGGGAGCCCCGTGTACAGAACACAAGTGATCTGAAAAGG  
ACCATCTCTGAGACTGCAGAGGCAACAAACACAAAATGACAATGAATTGGTGACTGACTCAACCTTTCC  
AATGTGTGGAACACACAGCCTCAACCTGTATGTCAAGATGTGCATAATGAGACAAGAAAGACCACATCCC  
AAATCTCCTGTGTGCTTGTCTATCTTAGGAAACCTGGCCTATCTCTGTACTGGTGGTGTACTTTTATTTT  
AGTTATGTGTCTGAAAATTGTGTATTTATAGCTAATCAGGAAAAAAATCTCCTTTAAACTCTTATGAT  
TGGATATGATCAAGTATATTTTACAAAGTAAACACACTTTTCTTTAAATTGTGTCCCTAATTAATGAA  
AGTAGGTTTCAAAGTACTGTTAAAAA

>GBCA0089 |Acc|AY092841|Ver|AY092841.1 GI:20465208|Canis familiaris T4R mutant opsin  
mRNA, complete cds.

ATGAACGGGAGGGAGGGCCGAACCTTCTACGTGCCCTTCTCCAACAAGACGGGTGTGGTGCAGCCCCCT  
TCGAGTACCCACAGTACTACCTGGCTGAGCCATGGCAGTTCTCCATGCTGGCTGCCATGTTTCTGCT  
GATCGTCTCGGCTTCCCCATCAACTTCTCAGCTCTACGTACAGTCCAGCACAAAGAGCTGCGTACA  
CCTCTCAACTACATCCTGCTCAACCTGGCTGTGGCTGACCTCTTCATGGTCTTCGGTGGCTTCACCACCA  
CCCTCTACACCTCTCTGCATGGATATTTGTCTTTCGGGCCACAGGATGCAATGTGGAGGGCTTCTTTGC  
CACACTGGGCGGTGAAATTTGCCCTGTGGTCTTTGGTGGTCTGGCCATTGAGCGGTACGTGGTGGTGTGT  
AAGCCCATGAGCAACTTCCGTTTTGGGAGAAACCATGCCATCATGGGCGTGCCTTCACCTGGGTCTATGG  
CGCTGGCCTGTGCGGCACCCCCCTCGCTGGCTGGTCCAGGTACATCCCAGAGGGCATGCAGTGTCTCATG  
TGGGATCGACTACTACACACTCAAGCCAGAAATCAACAATGAGTCCCTCGTCATCTACATGTTTCGTGGT

CACTTCGCCATCCCCATGATTGTCATATTCTTCTGCTATGGACAGCTCGTCTTCACAGTCAAGGAGGCAG  
CTGCCCAGCAGCAGGAATCGGCCACCCAGAAAGGCTGAAAAGGAGGTCAACCCGCATGGTCATCATCAT  
GGTCATCGCTTTCCTGATCTGCTGGGTGCCCTATGCCAGTGTGGCATTCTACATCTTCACCCACCAGGGC  
TCCGACTTTGGCCCCATCTTCATGACCCTCCAGCGTTCTTCGCCAAGTCTCTCCATCTACAACCCCTG  
TCATCTATATCATGATGAACAAGCAGTTCGGAAGTGCATGATCACCACCCCTGCTGCGGCAAGAACCC  
ACTGGGTGACGACGAGGCCTCTGCCAGCGCCTCCAAGACGGAGACCAGCCAGGTGGCACCAGGCCTAA  
>GBCA0090 |Acc|AF448227|Ver|AF448227.1 GI:17646638|Canis familiaris DNA-dependent protein  
kinase catalytic subunit mRNA, complete cds.  
ATGTTCTCTTCTTCACAAATCCCTCGAGTCTTCTGATTCCTCCAGGAGAGAGCTACGGTTGGTGTCTGC  
AGCTGCAGGAGTCTTGTCTGCTGGGGACCGCTGCAGCGCCGCGATGGCCAGTTACCAGCTGACCCGAGG  
CCTGGGGCAGGAGTGCCTGCTGAGCTCCGACCCCGCGTGTGGCATTACAGACTTCTTGTATTTTTTCC  
AAAGATTTTCGGTTTGTCTGTTGTTTTCGGAAGTCACTTAGCATTGATGAATTTTCGTGATTGTAGAGAAG  
AAGTCTTAAATTTTTATATATTTTCTTGGAAAAAATTTGGCCAGAAGATCACACCTTATTCTCTTGATAT  
TAAGACTACTTGTACAGTGTTTACACAAAGGATAAAGCTGCTAAATGTAAATTTCCAGCCCTAGATCTT  
CTTATTAAGTTACTTCAGACTTTAAGAAGTCTAGACTCATGGATGAATTTAGTATTGGAGAATTATTTA  
ATAAATTTCTATGGAGAAGTTCATTGAAAACAAAAATACAGGATACAGTATTAGAAAAAATATATGAGCT  
TCTAGGAGTATAGCTGAAGTTCATCTAGTGAGATGATAAATAATTCAGAAAACTGTTCCGGGCTTTT  
CTGGGTGAACTTAAGATCCAGATGACATCAGCAATAAGAGAACCCTGCTGTTCTGGCAGGGTGTCT  
TGAAGGATTTGCTCTTCATCATGTGTAACCTTACCAATCCATGGAAGAAGATCCCCAGACTTCGAGGGA  
AATTTTTGATTTTGCATTAAAGGCAATTCGTCTCAGATTGACCTGAAGAGATATGCTGTACCCCTTAGCT  
GGCTTGTGCTTATTTACCCTGCATGCATCTCAGTTTAGCAGCTGCCTTCTGGACAACATATGTTTCTTTAT  
TTGAAGTGTCTCAAAATGGTGTAGCCATACAAATGTAGAAATGAAAAAGCTGCACATTCAGCTCTGGA  
ATCTTTTCTGAAACAGTTTCTTTTATGGTGGCAAAAGATGCAGAAATGCATAAGAGTAAGCTACAGTAC  
TTCATGGAGCAATTCTATGGAATCATCAGGAACATGGATTCAAACAGCAAGGATTTATCCATTGCAATTC  
GAGGATATGGAAGTTCCTGAGGACCTTGCAGGTTTATAAATGCAGAAAGATGTTGACTTCATGTACATAGA  
GCTCATTGAGCGCTGCAAGCAGCTGTTCTCACCAGATAGACACTGTTGATGACCACGTTTACCACATG  
CCAAGTTTCTCCAGTCTATTGCAAGTGTCTTGTCTTACCTTGATAGAGTTCCTGAGGTGTATACACCGG  
TTCTGGAACATCTCATGGTGGCACAGATAGACAGTTTCCACAGTATAGTCCAAAAATGCAGTCAGTGTG  
TTGTAAAGCCCTAGTAAAAGTTTCTTAGCCCTAGGTGAAAAGGACCAGTTCTCTGGAATTGCATCAGT  
ACTGTGGTGCATCAGGGTTTAAATCAGAATATGTTCTAAGCCAGTGATCCTTCAAAGGGTGTGAGTCTG  
AACTGAAGAGTATCGTGATCAGGGGAAGTTAGAAGTGGCAAAATGGAAGTGGCCACGTATAAAGACTA  
TTTGGATCTTTTGAAGTCTCCTGAGTTGTGACCAGATGATGGATTCTCTTTTAGCAGATGAAGCATT  
CTCTTTGTGAATCTTCACTTCAAAATTTGAATCGTTTGTGTATGATGAATTTGTCAAATCAGTTTGA  
AGATTATTGAGAAATTTGATCTTACGCTAGAGAAACGGAATGTTGGGGAACATGAGGATGAAAATGAAGC  
TACTGGTGTGGGTGATCCCAACCTCAGATCCAGTGCTTAATCTACATCCTGCTAAACCCAAAGATTTT  
TCAGCTTTCATTAACCTGGTGGAGTTTTCAGAGACATTCTCTCTGAGAAACATATAGAATTTTTTGAGC  
CATGGGTATATTCATTTGCATATGAATTAATTTTGCAGTCTACACGGCTCCCTCTCATTAGTGGTTTCTA  
CAAATTTGCTTTCTGTTGCTGTGAGAAATGCCAAGAAATAAAATATTTTGAGGGAGTTGGTATGAAGAGT  
CAGACGCAGGCTCCCAAGGACCCAGAAAAGTATTCTTGTCTTTGCTTTGTTTGCAAAATTTGGTAAGAGG  
TAACAGTTAAAAATGAAGCAATATAAAGATGAACCTTTTGGCCTCCTGTTTGACCTTTATTCTGTCCCTGCC  
ACATGACATCATTTGAAGTTGATATTAGAGCCTACATTCTGCATTGCAGATGGCTTTTAAACTGGGCTTG  
AGCTATACCCCATTTGGCAGAAGTAGGCCTGAATGCCTTAGAAGAATGGTCAGTTTGCATCTGCAACATA  
TAATTCAGCCCCATTATAAAGACATTTTACCAGCCTTGACGGATATCTGAAAACCTTCAGCTTTATCAGA  
TGAGACCAAGAATAGTTGGGAAGTGTGACACCTTCTCAGGCTGCCAGAAAGGATTTAACCAAGTTGTG  
TTAAAGCATCTGAAAAGACAAAGAATTTTCATCAAAATGAAGCACTGTCTTTAGAAGAAATAAGGATTA  
GAGTAGTACAAATGCTTGGCTTTCTAGGAGGCAAAATAAACAAAAATCTCCTAACAGCCACATCCTCAGA  
TGAAATGATGAGAAATGTGTGGCATGGGACAGAGAAAAAGACTCAGTTTGTGTACCATTTATAGAA  
ATGAAGCCTGTCAATTTATCTGGATGTGTTCTTGCCTCGGGTCACAGAATTAGCTCTTTCAGCTAGTGACA  
GACAACTAAAGTTGCAGCTTGTGAATTTTACACAGTATGGTTATGTTTACGTTGGGAAAAGCCACTCA  
GATGCCTGAATGTGGTCAGGGATTCCACCCATGTACCAGCTCTACAAGCGAATTTTCTGCGCTACTT  
CGACTTGCATGTGATGATGATCAAGTGACAAGGACATATATGAGCCCTTAGTAATGCAGCTGATTCAC  
GGTTCACTAACAAATAAGAAATTTGAAGTCAGGATACTGTGCGCTTACTGGAACGATACCTGGATGGAAT  
TGATAGTCTGTTGACAGTACTTTAAGAGATTTTGTGGTGGTGTATTTCGGAATTCCTCAAATGGTCC  
ATTAAGCAGACAACCCGACGACGAGAAAAAAGTCCAGTGAACACTAAATCACTTTTCAAGCGACTGT  
ACAGCTTTGCACTTCAACCAATGCTTTCAAGAGGCTAGGTGCATCACTTGCCTTTAATAATATCTACAG  
AGAATTCAGGGAAGAAGAGTCTCTGGTAGAGCAGTTTGTGTTTGGAGCATTGGTTACGTACCTGGAAAGT  
CTGGCCTTAGCACACACAGATGAGAAACCCTTAGGTACAATTCGACAATGTTGTGATGCCATTGATCACC



TAAGGCATATCATTGAAAAGAAGCATGTATCTTTAAACAAAGTAAAAAACGACGTAGGCCACGAGGATT  
TCCACCTTCGGCATCATTGTGTTTACTGGATATGGTCCAGTGGCTGTTAGCCCACTGTGGAAGGCCCAA  
ACAGAATGTCGACACAAATCCATAGAACTCTTTTATAAATTTGTTCCCTTTATGCCAGGCAACAAATCTC  
CTTCTTTATGGCTGAAAGATATTCTTAAGAACAAAGATACTTCTTTCTCATAAACACATTTGAGGGGGG  
AGGAGGAAGTTGTGATCGGCCGTGAGGCATCCTTGTTCAGCCACCCCTCTTCCATCTGCAAGGGCCGTTC  
AGCTTGAGAGCTGCCCTGCAATGGATGGACATGCTTTTGGCGGCTCTGGAGTGCTACAACACATTTCATTG  
AAGAGAAAACCTCAAGGCACCTGATGTCTGGGTACTGAAACACAGTCTTCACTTTGGAAAGCGGTGGC  
TTTCTTTTATAGATAACATTGCTATGCATGATATCACAGCAGCAGAAAAGTGCTTTGGCACTGGGGCAGCA  
GGTCACAGACCCAGCCACAAGAGGGAGAAAGATATAATTACAGCAAATGCACAATTGTGGTCCGGATTA  
TGGAGTTTACCACAACGCTGCTCAACACCTCCCCAGACGGCTGGAAGCTCCTTGAGGAGGATTTATGTAA  
TAACAAAAACTTTATGAGACTCTTGGTGAATACTTATGTCAGCCCTCGAGCATAGGTTTCAACATTGGT  
GATGTCTTAGTTATGAATCATCTTCTGACGTTTGTGTAAACCTGATGAAAGCTCTAAAGAAGTCCCCAT  
ACAAAGACACCTTGGAGATGTGCCCTCAAGGAAAAAATAACAGTACAGAGCATTGAGGAGCTCTGTGCCGT  
TGACCTGTATGGTCTGATGCTTATGTGGATAGGGCCACACTGGCTTCTGTTGTGTCAGCTTGTAAACAA  
CTTCACAGAGCTGGTGTGTTTGCATGTTGTATTACCGTCTCAGTCTGCAGATCAGCGTCATTCTGTTGGCA  
TAAACTTCTTTTCTGGTTTATAAAAGCATTGCACCCGGAGATGAACGAGAGTACTTCTTCTCGCTAGA  
CCCCAGTTGTAGCGATTAGCCAGTGGACTTCTGGAGTTGGCCTTTGCTTTTGGAGGACTGTGTGAGCAC  
CTTGTGGATCTTCTCTGGACACAGCAGTGTGTCTATGCCAGCCTCAGGAGAGTCCCAGAGAAACATGG  
TCAGCTTCTCTCATGGAGAGTATTTTATAGCTTGTGTTTTCAGAGATAATCAACACTGAATTGTTGAGAAA  
TCTAGATATGACTGTATTGAAGCTCATGAAATCATCTGTGGATAATCCCAAATGGTGAGTGCCATTTTG  
AATGGAATGTTAGATCAGAGCTTCCGGGATCGAGCCAGCCGAAACAGCAAGGACTGAAACTTGCAAGTA  
CAATTCTGCACAACCTGGAAGAAGTGGGACTCATGGTGGGCCAAGGATTCTGCTCCTGAAAGTAAACGGC  
GGTGCTGACCTTATTAGCAAAAATTTGTCAGATCGATTTCATCTGTATCTTTTAAATACAAATCATAGTGCA  
TTCCCTGAAGTCTTTACAACATATACTAGTCTACTTGGCTGATTCAAACCTTGGGTTTACATTTAATGGGTC  
AGGCTGTAATCTTCTTCCATTCTTCAACATCTTACTGGAGGCAATCTTGAGGACCTTGAGCATGTTCT  
TGAAAAGCTTATGTTTCTAATTTCCCATGAAGTCTGAAGAATTTCCCGTGGGAACTCTGCGGTACAGT  
AATTATGTAGACTGCATGAAAAAGTTTCTAGATGCTTTGGGAATTATCTCAAAGTCTGTATTGTTGCGAGT  
TGATGGCAGAAATCTCTGTGCGAGAACAGCAGCATGTTATGGAAGAATTATTTCAATCTACTTTCAAAAA  
GATTGCCAGAAAGAGTTCTTGTGTACACAATTAGCCCTTTTGGAAAGTGATACAGAATGTTCAAGAGG  
GTGACCTACTTTCAAATGTCACTCGCCAAGCATTTGTAGATCGCTCTCTTCTCACTCTGTTGTGGCATT  
GATGCTGAATGCTTTGAGAGAATTCTTTGGCAAAAATTTGGTGGAAACCATTGATGTGTTGAAGTCTAG  
ATTTACAAAGCTAAATGAATCTACTTTGATACTCAAATCACCAAGAAGATGGGGTTTATAAGATGCTA  
GATGTGATGTATTCTCGTCTTTCAAAGATGATGTTCACTCAAAGGAATCTAAAAATTAATCAAGTTTTCC  
ACGGCTCATGTATTACGAAGGAAATGAACCTTACAAAGACACTTATTAATTTGTGCTATGATGCATTAC  
AGAGAACATGGCCGGTGAGAAATCTTTGGCAAAAATTTGGTGGAAACCATTGATGTGTTGAAGTCTAG  
GCCATTTCTGTTATCTGCTGTGTCTTCACTGAATTAATAATTTTACCAAGGTTTTCTGTTTAGTGAAAAAC  
CTGAAAAGAACTTGCTTATTTTGGAAAATCTGATTGACCTGAAACGCTGCTATACTTTTCTATAGAAGT  
TGAGGTTCTTATGGAAAGAAGGAAAAAGTACATTGAAATTAGGAAAGAAGCCAGGGAAGCAGTAAATGGG  
GATTGAGATGGCCCTCATTATCTGTCTTCTTGTCTATTTTGGCAGACAGCAGCCTGAGTGAGGAAATGA  
GTCAATTTGATTTCTCAACTGGCGTTCAGAGCTATTTCATACGGTTCCCAAGACCCCTAAATCTACCCATGG  
TCATTTTTCGGAGACGGGAGCATAAAGACCCCATGGTCCAAGATGCTGTCTTAGAGTTAGAGATGGATGAG  
CTCAATCAACACGAATGTATGGCAACCATGACAGCCCTGATTAAGCACATGCAGAGAAATCAGATACTAT  
CTAAAGATGAGGGTTTCAGTACCAAGAAATCTTCTCTTGGATGAAATTTCTTTCATGACAAACTAGGAAA  
TCCATCGGTATCATTAATATCCGTCTCTTCTTAGCTAAGCTTGTATTATAACAGAAGAAGTCTTTCCG  
CCTTATGCGAAGTACTGGCTAAGCCCTTACTGTCAGCTGGTGGTTTCTGAAAATAATGGAGGAGAAGGAA  
TTCACATATATGGTGGTTGAGATAGTGGTTACTGTTCTTTTCATGGACAGGATTAGCTACTCTGTGGGTGT  
CCCTAAAGACCTTGTGTCAGTACCAAGAAATCTTCTCTTAAATATAAAGAGGTATATGCAGCAGCAGCAAG  
GCTGTGTTTAGGCATAACCTTGAATTTATAAAAAACCTTGTGAAATGCTGGAAGGATTGTTTATCTGTTT  
CTTATAGGTTGATATTTGAAAAGTTTTCCAGTAAAGATCCTAATTCTAAAGACAATTGAGTAGGAATTCA  
ATTATTAGGCATTGTAATGGCCAATAACTTGCTTCCCTATGACCCAAAATGTGGCATAGAGAGAATAAAA  
TACTTTGAAGCTTTGTTGTCAGTACCAAGTCTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT  
TTCTAGGACTTACTCTTCGATATATTACCGAGAGAGAAAATATATTGGAGAATGTGGTGTATGAACTGGT  
CATAAAGCAGTTGAAACAACATCAGAAATACGATGGAGGACAAATTTATTGTGTGCTTGAACAAAGTTGTG  
AAGAACTTTCCTCTCTTGGCGATAGATTATGAACGCCGTATTCTTCTGCTGCCAAAATTTTCATGGAG  
TGATGAAGACCTCTGTCTGGAGGTGGTGTGTGCTGTCAGAGGAAATAACAAATATCTACTTAGAGTT  
AAAGAGCAAAGATTTCAATCAAGTCATGAGACACAGAGATGATGAAAGACAGAAAGTGTGTTTGGACATA  
ATTTATAAGATGATGGCAAAATTTGAACCACTAGAACTCCGAGACCTTTTGAATTTCTGTTGTAGAATTCA

1209



TGAAGACTTACCACGTTATACCCATGACCTCCAGATTAGGACTAATTGAATGGATTGAAAAACTCTTAC  
CTTGAAGGACTTCCTTTTGTAGTAACATGTCACGAGAGGAGAAAAGCAGCTTATACAAGTGATCCCAAAGCA  
CCACCATGTGAATATAGAGATTGGCTGGCAAAGATGTCTGGAAAAATATGATGTTGGCGCTTACATGTCAA  
TGTTTAAAGGCAGCTAGTCGTACTGAAACAGTCACATCTTTTAGAAGGAGAGAAAGTAGAGTGCCAGCTGA  
TCTCTTAAAGCGGGCCTTTCTGAAGATGAGCACAGGCCCTGCAGCCTTCTGGCACTTCGCTCCCACCTTT  
GCCAGTTCTCATGCTCTTATGTGCATTAGCCACTGGATTCTGGGTATCGGAGACAGACATCTGAACAATT  
TCATGGTAAGCATGGAGACAGGCGGATTGATCGGAATCGACTTTGGACATGCATTTGGATCAGCTACTCA  
GTTTCTGCCCTGTCCCTGAGTTGATGCCCTTTCTGCTGACTCGCCAATTTATCAATCTGATGTTACCAATG  
AAAGAAGCAGGTGTTGTGTATAGTATCATGGTGCATGCACAGAGAGCCTTCCGCTCACACTCTGACCTGC  
TTACTAACACCATGGACGTGTTTGTAAAGGAACCTTCCTTCGACTGGAAAAATTTTGAACAGAAAAATGTT  
AAAAAAGGAGGATCATGGATTCAAGAAATAAAGTAACTGAAAAAATTTGGTATCCCCGGCAAAAAATA  
CATTACGCTAAGAGAAAGTTAGCAGGTGCCAATCCAGCAGTTATTACTTGCATGAGCTGTTCCCTGGGCC  
ATGAGAAGGCCTTGCCTTTGGAGATTATGTGGCTGTAGCAGCAGGAAGCAAAGATCACAACATCCGTGC  
CCAACAACAGAGAATGGACTGTCAGAAGAGGCTCAAGTAAAGTGCTTGGATTGACCAGGCAACAGACCCC  
AACATTCTTGGCAGAACTTGGATAGGATGGGAGCCCTGGATGTGATAA

>GBCA0091 |Acc|AB043896|Ver|AB043896.1 GI:20387090|Canis familiaris mRNA for Rad51,  
complete cds.

AATTTGGCGGGATCTCCAAACACTCCCCGGAGGGAGCTCTGCGGTTTGGAGACCCAGCCTGAGGAGACTGA  
CGCGCCCTTAGGGGCGTCTGTTGGGAGCTGAAGCTCGCTTGGGTTGTGTGCGGAAGGCGGCAAAAAGGGAG  
TAGAAAAATTTGGCAGCAAGGGAGGGAGTCCAGAGCCCGTCCAGAGTCGTGCGCGGACCGGACCCGCGGAC  
AGAAGTCGGAGCGCGCAGCCCGGCAGTGAGGAGCGCTGTGGACCGAGTATTAAATGCAAAGTAATGGCTA  
TGCAAATGCAGCTTGAAGCAAATGCAGATACTTCAGTGGAGAAGAGAGCTTTGGCCCCAACCTATTTTC  
ACGATTAGAGCAATGTGGCATAAATGCCAATGATGTGAAGAAATTGGAAGAAGCTGGATTCCATCTGTG  
GAGGCTGTTGCCATATGCACCAAAGAAGGAACATAAAGTATTAAAGGGATTAGTGAAGCCAAAGCTGACA  
AAATTCTGACTGAGGCAGCTAAGTTAGTTCCAATGGGTTTCACTACTGCAACTGAGTTCACCAAAGGCG  
ATCAGAGATCATACAAATTACTACTGGTTCCAAAGAACCTTGACAAGCTACTTCAAGGAGGAATTGAGACT  
GGATCCATCACAGAGATGTTTGGAGAATTCCGAACCTGGGAAGACTCAAATCTGTCTATACACTGGCTGTTA  
CATGCCAGCTTCCCATTTGACCGAGGTGGAGGAGAAGGAAAGGCCATGTACATTGACACTGAAGGTACCTT  
TAGGCCAGAACCGCTGCTAGCAGTGGCTGAGAGATATGGCCTCTCTGGCAGTGATGCTCTGGATAATGTA  
GCATATGCTCGAGGGTTCAACACAGACCACCAGACCCAGCTCCTTTATCAAGCATCAGCCATGATGGTAG  
AATCTAGGTATGCACTGCTAATTGTAGACAGTGCCACTGCCCTCTACAGAACAGACTACTCAGGTGAGG  
GGAGCTTTCTGCCAGGCAGATGCACTTAGCCAGGTTTCTGCGGATGCTTCTGCGACTTGCTGATGAGTTT  
GGTGTAGCAGTGGTAATCACCAACCAGGTGGTAGCCCAAGTGGATGGAGCAGCCATGTTTGTCTGCAGATC  
CTAAAAAACCTATTGGAGGAAATATCATTTGCTCATGCCCTCAACAACAGGCTGTATCTGAGGAAAGGAAG  
AGGGGAACCAAGTAATCTGCAAAATCTACGACTCTCCCTGTCTTCTGAAAGCTGAAGCTATGTTTGGCATC  
AATGCAGATGGAGTGGGAGATGCCAAAGACTGAAGCATTTGGGGTTTGTCTGTGAGAAACCTTAAGTGCT  
GCAGCCTAATGAAGAGGACTGCTCCCTGGGGTTCTTCATAGGCCTCTTCTGTGTGACTGCCAGAAAAA  
GGCTTCTGGAAAAACCGTTATTGTATCGGCTTTTCTGATGGTATTAACAGGAGACAGGTCAGTAGTCACA  
GACTGATCTG

>GBCA0092 |Acc|AF308439|Ver|AF308439.1 GI:15824621|Canis familiaris preproglucagon mRNA,  
complete cds.

TACATGAGCTCAGGACACAGCACAGCCAAAGTTCCGAAAAGAGGGCTCGCTCTCTCCCCACCTGCTCTGT  
TCCAATCGCGGTGTGTCAGAAGGCAGCAAAAATGAAAAGCATTACTTTGTGGCTGGATTGTTTGTAAATGCT  
GGTACAAGGCAGCTGGCAACGTTCTCTTCAAGACACAGAGGAGAAATCCAGATCATTCTCAGCTCCTCAG  
ACAGAGCCGCTCAATGATCTGGATCAGATGAATGAAGACAAGCGTCATTCTCAGGGTACATTACCCAGTG  
ACTACAGCAAGTATCTGGACTCCAGGCGTGCCAGGATTTTCGTGCAGTGGTTGATGAACACCAAGAGGAA  
CAAGAATAACATTGCCAAACGTCATGATGAATTTGAGAGACATGCTGAAGGGACCTTACCAGTGATGTA  
AGTTCTTATTTGGAAGGCCAAGCTGCCAAGGAATTCATTGCTTGGCTGGTGAAGGCCGGGGAAGGCGAG  
ATTTCCAGAGAAGTTGCCATTGTTGAAGAATTCGTGCGACACGCGACGGTTCCTTCTCTGATGA  
GATGAACACAGTTCTTGATACTCTTGCCACCCGGGACTTTATAAACTGGCTGCTTCAGACCAAAATTACT  
GACAGGAAGTAAGTATGCACTCTTCAAGATCAGTTTACATCACATGAGGATGAGGATGAGGATGATGTA  
ATTTTAAGAATTCTGTAAATTTAAGAGGTGATTCCGAAACTATATTGCTTTGCATGCTAATAAATAAAT  
TTTCTTTTGTGTTGTGTAGCCAAAGATTGTAAATGGAATAAACTACTGTCAAAATATTGCTAAAATACC  
AGGCTTTAAACATGAAATTACAGAATTTCTCTCGATTTTCTTATTTTGGATGAAGTACCCTAACCTGCTT  
ATATTTAGCAATGAAATTATTTTCTGTGATATAAATTTGTACATAGAAATTATTTCAATCACAGCATATT  
TGCATTGTAATGGTAGGATAAGGGAGGACAAGTAGCCACAGCGGTAAAACTGGAAGAGACATTCCTTCT  
TGAAACGTTTGTGCTAAAAGTGCTCCGCTTCAATACATTAAAGGTAGCTAAATAAAATTTTCAAGCTTC

TCT

>GBCA0093 |Acc|AJ243320|Ver|AJ243320.1 GI:5262815|Canis familiaris mRNA for for brain cell membrane protein 1 (BCMP1 gene), clone C60-1.

CTGGCGGCGAAGGTCGCGGGCGGGCTCGGCGTGGCTGCGGCTGCCAAGACCCCCAGCCGGCGGGGAG  
CTCCCGCAGACCCACCTTCGCGGGCGCGCGCTTCCCTCCAGAGGAGGTCGGGCTCCCGGCTCTGCGGACCC  
GGCATGGAGAGGTCGCGGTGTCGGTGCTGACGCCGCTGAAGCTGGTGGGGCTGGTGTGCATCTTCTCGG  
CGCTGTGCCTGGACCTGGGGGCGGTGCTGAGCCCGGCTGGGTACGGCCGACCACCAGTACTACCTGTC  
CCTGTGGGAGTCCCTGCCGGAACCCGCCAGCTTGGACATCTGGCACTGCGAGTCCACGCTCAGCAGCGAT  
TGGCAGATTGCTACTCTGGCTTTACTCTTGGGCGGTGCTGCCATCATCTTATTGCATTCTTGGTGGGTT  
TGATTTCTATCTGCGTGGGATCTCGAAGGCGCTTCTACAGACCTGTGCTGTGCATGCTTTTTCAGCAGT  
TGTTTTACAGGTTTGCAGCCTGGTCTTTTACCCAATCAAGTTCATTGAACTGTGAGCTTGAAAATTTAC  
CATGAGTTCAACTGGGTTTATGGCCTGGCCTGGGGTGCAACTATATTTTCGTTTGGGGGTGCCATCCTTT  
ATTGCCTGAACCTAAGAAGTACGAAGACTACTACTAGAACCAACAGTCTCAGATTTTAAAAACAACCA  
CCATCCAACAAAAGGATTACTTCTGTATCTTTTCTAACTCACTGTTTCTAAAAACACTTGTGGAGTATCA  
AGCAGTTTGTCTCAGTTGATTTAATATCTTTTGCCTTTTGGCTGTGAGTATCATAACCAGCTTTTACATCC  
ATTTTAGGGACCTGCACAAATTAAGAGAGCTGATTAGACATAGGCAAAATGCTGCAAACTTCCAATATGTT  
CATGTCAATTTTCTTGACAAGTGAAAGGGTCTGTATGACAGCAACCATGTGAGATACTAGTTGGAATGA  
GAAATGCCTGAATCTCTATTGCGCTGCAGGGGACAGCTGGCATAAGAAACATTTAGAAGTTCCTTTGCT  
CTGACAAGGATTCCACTGCTATAGAGTCTTATTACCTGCTTATCCCACCCAATGACTAAATTGGCCATT  
GGTTATTTGCTTGAGTGAGCTTTTGAAGGTGAAGTGCCTTCAGCACCTAATGGGAGTTCTGAGTGTA  
TGGGTTAAAGGTATATAGATTCTACCTTCAAGAATAGTCTTTTTGAATGGGAGGCAATGCTTTGGCAGTC  
AGCATCTCCCTGGGAAAGGAGTCAAGACTTGGAGACATGTGCTTTTCATTATGTGGTTAGAAATTTGCTC  
TCAGCCGTATCTAGAATGAGGACAATTGAGAGTCTCTACTTTCCCTGGGGCACTAGAAAGAACTATGCA  
TGAGTTGCTTTTGTCTTAAGTACCTTTAAATCATTTACCAACATTACCGCAAATAATTGTGCGTATGT  
AACAAGCTTAAATATTTTATAGAAGGTGAACCATTAGTATACATGGTAGTAAACTATTCCGTAGCCCTA  
TACATGCATTTGCTTATTACACATAAAAGTAACATTTGCTCTAGTGAAGTGATTTGAACACTAACCTTGT  
ACACGTTAAGAGGCTTAGATTGGTATTACACTTACTTACTGTACAAAAGTACATATATTTTAAAGCTTT  
TGCTCTCTGTTCTCTACTGTTTCACTGGAAGTTTTAATAGAATTGTAAAGAAGAAAAATTGCAATGGTG  
TTAACCCTGAAAATTCATGATTCTTCTGTAAGCACTATAGTTCAACGAAGAGTAGCAATTAGAATGATCAT  
TTTGTTAAAAAATTCAGTAAATAGAAGGCTGCTTTTTTTTTTCAAGTACCTTAAATGTCTTTTATTA  
TAAAAGAATAGTGATAGATTTATAGAATGTCTTAATGTCTCAGTAGAGGAGTAGAATTCATTGGTGATC  
ACCTGGTCTCTGAAGTGAACATAATGGGCTAAGTATTTGTGCACACAATATGATGGATTTATGTTACA  
GGAATCATTTGTTGGCTGTTCAAATGGAAGGAAATATCAATGATAGGGAATAAGTTTGGCACTAATCTCA  
GACTGCAAACTTGTGTTTACTTACTATACATTTGGATAGTTTAAATGTAAACATAATTTTATATA  
TCAAATATACAGTTCTAATATAAAAGTTATAAATAATTTATTTTGTAAACAAAGGCACTAAAACAGTATT  
CCTGGTTTTGGCCCTTTTGCAGAAAGAAGCATTGGAAAAATCATTTAAACATACTTATGTTCTATTGTA  
TTGCAAAATCCGTTAAGAGCAGGACTACATCAATAGTATTTAATAATTTGGTTTACCTCCCAGAACAGAG  
TTCTGCTTTTACAGATGTCTTATGAAGTGTGTTGCCAAAACAACAGAAAAAAATCTATTTTATTATTCAA  
ATGCTTAGAAAAAATAAACCTCCTATCTTGTGACTTTTCTGTAGGATCACAAAGTAAATATGAAGA  
ACCAGGCTGAATCTTATTTTAGCAATGACAGACAAAAGTAATTAAATGCATCCTAGAGAGAAACCTTTAT  
GAAAGTATATGATTCTCTCTAGAATCATAAGAACTATGGGTGAAGTTTTCCAGAAAAATATTAGTATTA  
TATAATCCTTTGAAGCAATTTTCTTGAGAAATAGTAAATCTGGGCCAGACTGTCTTGCAAGTTAATGGC  
TATTGTCTAGAGCAGCATGAGAAATACGATATTTGTTGGATAGGGATTTTCGGTTACTAACCACTCTCTATT  
GTGAGAGAGTCTCTTTATTCTGAATAATGGAAGAACAGTACTTTGGTGCTGACATCAATGAGGCACCTTT  
TCTTAGTCCTAGTGGAGGATGCAAGTGTGCTGTTAGACCACTACCATCTCGAGTCTTTTCAAGTTTCA  
TTCTCTGTCAATATGACAGGCTGGAATAATGCAATATGTTATAGGCTAAGGCACACATGTTTGCAGTACA  
CTGAAAAGTAGATTTCTTCTATAACTTTTTTCTCTCCCAAGTGAAGAGCCCTATGTTATATTTCTACCA  
TCACTAATATTTGAAAGTATTTCTAGCTAACGAACCTAGTACAACATGAAAGTTGTTGCTCATCCGAAA  
TATGGTATCGTCTATCAAAATAAACACGTGAATTTTACCTACATTATGTCTTTGCGGCTTTAGGTTTGT  
TTGATGTTTTCTTATGACAGCAAACTGTTAACTATAAATCCATTGTTTATCTTAGATATATACATGTACAC  
ACATAGAGCATAAAAATACTCAGCAGGGCTAGTTATTTGGATTTCTTGCACTAATTTAGCTTTTTGTAA  
GTTCAACATGTAATTTTAAAGACAAATATAGAGAGACCTATGTGTTTGAATATAAATGATATATATGG  
ATTAGCATGTACCTGTATATTATTAACATGCAATGAAGTACTGGTGAAGTGTCTAATTTGTATGGCT  
AGCAATGTAAATTTTATCAGACTGTATTTTGTACAGCAGCGCACACTAACCTATGCCTCTGTGTCTCT  
TTTTAATGCCTAAAACGTGCTAGAAATTTTCTGTCTTAAAGAAATAAATTTACTTCTATGCTGTTTTA  
TGCTATAGTTTCTCTACTGCTGTTCTATATTTATTATTTTAAATATATGACATGTTTACTACTTAAATA

TGAATCCATGGTATTCTGGTTATTTTTTTTAAACAGTCCTCTGGGGGGAACCTGTTTCTCACTCCAGTGGT  
TTTGAGTTTGCAAGTTTCAATCAGTTCCTTCAATTCATGATTTTTGTAGCTGACATATGAAGTTATCTAT  
GTGGATAAAATAAAATAAAAGTGGTTTCACTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0094 |Acc|AF494098|Ver|AF494098.1 GI:20149232|Canis familiaris periplakin mRNA,  
partial cds.

CAGCTGGAGGCGAGTACCGGCGGCTGCAGGAGGACCAGCAGCGGGAGGGCAAGCTCAGGGAGGAGCAGC  
AGGAGGAAGCCAGTTTCTCCAGGACAAGCTCAAGAGGCTGGAGAAGGAGCGGGCCATGGCGGAGGGGAA  
GATCACAGTGAAGGAGGTGCTCAAGCTGGAAAAGGATGTGGCAACTGAGAGGGAGGTGCGCGACCTCAAA  
CGCCAGTATGAGGATGAGGAAGCCAAGGCTCGTGCCAAACCAGAGAGAGAAGACTGAGCTGCTCCGCAAGA  
TCTGGGCCCTTGAGGAGGAGAATGCCCCAGTGTGGTGCAAGGAGAAAGTGCAGGAAATCGTCCGGCCAGA  
CCCTGAGGCGAGAGGGAAGTGGCCAATCTCCGCTGGAGCTTGTGGAGCAGGAGCGCAAGTACCGGGGG  
GCCGAGGAGCAGCTGAAGAGCTACCAGAGTGAGCTGGAGGCACTCAGGAGGCGGGGCCCCAGGTAGAGG  
TCAAAGAAGTGAATAAGGAAGTCAAGTACAAAACCTGACCTTGAGATGGAGAAAGAGCTTCAGAGGCT  
CAGGGAGGAGATTTGTGGACAAGACAAGACTCATTGAAAGGTGTGATGTAGAAATTTACCAGCTGAAGCAA  
GAGATCCAGTCCCTGAAAGACACCAAACCGCAGGTGCAGACCAAGGAGGTGGTCCAGGAGATTCTCCAGT  
TCCAGGAAGACCCCCAAACCAAGAGGAAGTACAGTCTTTAAGGGCCAGGCTATCGGAGGAGCAGAAAG  
ACAAGTGGATCTGGAAAGGGAGAGGGCCTCCAGGAGGAGAAGATCAAGCAGAAGGAGGAGGAGCTGTCC  
CACGTGAAGGAAAAGGTGGTCCAGCAGGAAGTGGTCAAGGTACGAGGAGGAGCCTGGCCTGCGGGCTGAGG  
TGAACGCCCTTCACTGAGAGCATAGATGCGGAGCTGCGGCAGATCGATACCTCCGTGGGGAGCTGCGGCG  
GCTGCAGCGCAGGCGTGTGGAGCTAGAACGCAGCTGGAGGAGCTGGAGCGTGAGAAGCAGGCGCGCAGG  
GAAGCCGAGCTGGAGGTGCAGCGCTGAAGCAGCGGCTGGCAGAGCTGGAGGAGGAGGGGAGGCCCGGG  
AGAAGGTGACTCTCAAGCAGAAGGTGCTGCTGCAGCAGGACCCCCAGCAGGCCCGGGAACACGCTCTGCT  
CAAAGTCCAGCTGGAGGAAGAAAAGGCACCGCGGCGAGGTGCTGGAGAGTGAGCTCGAGACCTGAGAAAG  
AAGCTTGTCAACCTGGAGAAGATGGAGGTCAAGGAGAAGGTGGTCTTCTCTGAAAGTGTCCAGGTGGAGA  
AGGGCGACACTGAACAAGAGATTGAGAAGCTGAAGAGCAGCCTGGAGGAGGAGAGCCGGAGCAAGAGAGA  
ACTGGATGCAGAAGTTAGTCGGCTAGAAGCCAAGCTGTGAGAGCTAGAGTTCTGTAACCTCAAGTCTCTCC  
AAAGTCCAGCTGGAGGAAGAAAAGGCACCGCGGCGAGGTGCTGGAGAGTGAGCTCGAGACCTGAGAAAG  
CCCGGAGGCTCCAGTCAGAAATTGAAATGGCAGCAACAGAAACACGAGACCTGAGAAATGTGACCGCGGT  
GGACTCTGGGACAAACCTGAACCTCCAGACTGTGGTCCCTGGAGAGAGAATTGGATGACCTCAAGAGGCTC  
TCCAAAGACAAAGACCTGGAAATCGATGAGCTGCAGAAGCGCCTGGGCTCCGTGGCCGTCAAGAGGGAGC  
AGAGGAGAACCACCTGCGGCGCTCCATTGTGGTTCATCGACCTGACACATCGGGTCTCATCGACTG  
GAACATGTTTGTCAAACTCAGGAGCCAGGAGTGTGACTGGGAGGAAATATCGGTGAAGGGTCCCTAGTGGG  
GAGTCCCTGTGATCCTCGACAGGAAGTCTGGCAGGAAGTTCTCCATTGAAGAGGCCCTGCAGAAAGGCA  
GGCTGACCCCGGCTCAGTACGACCGCTATGTCAACAAGGATATGTCCATCCAGGAGCTGGCCGTCTCTGGT  
GTCTGGGCAAAAGCTCAGGCAAGCTCAGCCATCTTCTTGGAAAGCCAGTGGCTGGCTGTCCCTTACCC  
AGTAGCACCATGTCTTCTCTCTTGGCCCTGTGCAGGCTCCTGACCTGCGCCCTCGCTGTCTATTCAACC  
TGGGTGAGGGACCTGCTTCTCTCTAATCATTGGACAACCGTGATATCCCTCTTCTGTCCCTTCTCTTA  
CACACTTCCATCAATAGACTCTCTTGTGACATCTGGAAGCAACCTAAAACTAAAGCACATGACACAG  
GACAACTGGCAGACAAGCCCACTCTGCGCACTGGCCTTCACACCCAGGTGGGGGATTCTAGGGCAGAA  
AGGCCCTCCCTTCCACACACCTTTCTGTACATCAAGGACTGGGCCCCCAAGGCTGCTGACCTACATTCA  
CATTTCCCCAGGGTTCTGGCTGACAGCAGACTTTCTGTGAGAGGCCCTGCACAGATAGATCTGGGCTC  
TAGGCCAGAAAAGGTGCAAGAAACAGAACAGTGTGTTGGCTTCGGTGTAGAGTGAAGGCTGTGAGCCA  
GACTGTCCCAGGGGAATGCACCATCAGAGAATCCGTTGTGGTTCTGAAATTTATTTTCATAAAGGACTCTG  
TTGCTGTTAGCCTTAGCTTCACTGCTTACAAGTCTTACTAGCTCATTGGTATTTAGGTATACTACACAC  
TTGATTTTCAACAAATGAATTTAGGTTCTCTGTTATCTCATATATTATGTAACAAATGGGACTAGGGA  
ACTCTATTATAGTGCAAAATAAACCCTGGTGGCTTGATTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0095 |Acc|AB046106|Ver|AB046106.1 GI:9795235|Canis familiaris mRNA for uncoupling  
protein 1 UCP1, complete cds.  
ATGCTGCGGGCCCCGGGCTCCGACGCGCCCCGACCTGAGCGTCCGGATCGCCGCGGGCGGGGGGGCGG  
CCTGCCCTGGCGGACATGATCACCCTTCCGCTGGACACCGCCAAAGTGCAGCTGCAGATCCAAGGGGAAGG  
CCAGGGCCAGCCCCCAGGGCCCCCAGGTACCGCGCGCTCCTGGGCACGGTGGCCACCCTGGCAGAAACC  
GAGGGGCTGCAGAAGCTGTACAGCGGGCTGCCGCGGGGCTCCAGAGGCAGGTGGGCTTCGCGTCCCTCC  
GGATCGGCCTGTACGACAGCGTCCGGGAGTGGCTCAGCCCCGGGCCAGGGAGCAGCAGCTAGTTTAGGAAG  
CAGGATCTCCGCTGGTGTAAAGACGGGAGGAGCAGTGTTCATAGGGCAACCCACTGAGGTGCTGAAG  
GTGAGACTTCAAGCACAGAGCCATCTGCATGGCGCAAAACCTCGGTACACCGGCACCTTACAATGCCTACA  
GAATCATAGCCACCACGAGGGCCTGACGGGCTTTGGAAAGGGACTACTCCCAACCTGATGAGAAATGT

CATCATCAATTGTACGGAGCTAGTCACGTATGACCTAATGAAGGAGGCCCTTGTGAAAAACCATCTACTA  
GCAGACGACCTACCTTGCCACTTCCCTATCAGCTCTTGTGCTGGATTTTGCACAACCGTTCTCTCCTCTC  
CGGTGGATGTGGTAAAAAACAGATTTGTTAATTCTGTACCAGAACAGTACACAAGTGTGCCCAACTGTGC  
AATGACAATGCTCACCAAGGAAGGACCATTGGCTTTTTTCAAAGGATTTGTACCTTCTTCTTGAGACTC  
GGATCCTGGAACGTCATTATGTTTGTGTGCTTTGAACAGCTGAAGCGAGAAGTATGAAGTCAGGGCGGA  
CCGTGGACTGTGCCACATAA

>GBCA0096 |Acc|AB022020|Ver|AB022020.1 GI:6855263|Canis familiaris ucp3 mRNA for uncoupling protein 3, complete cds.

ATGGTTGGACTAAAGCCTTCAGAGGTACCCCTACCACAGCTGTGAAATTCCTGGGGGCAGGCACAGCAG  
CCTGTTTTGCTGATCTCCTCACCTTCCACTGGACACAGCCAAGGTTTCGCCTGCAGATCCAGGGGGAGAA  
CCAGGCACACAGGCAGCCCGGAGAAATCCAATACCGCGGTGTGCTGGGCACCATCCTGACCATGGTGCGC  
ACCGAGGGCCCCCGCAGCCCCCTACAACGGGCTGGTTCGCCGCCCTGCAGCGCCAGATGAGCTTTGCCTCCA  
TCCGCATTGGCCTCTATGACTCTGTCAAGCAGTTTACACCCCCAAAGGATCAGACCACTCCAGCATCAC  
TACGCGGATTTTGGCAGGCTGCACCACAGGAGCCATGGCAGTATCATGTGCCAGCCACAGATGTGGTG  
AAGGTCGATTTTCAAGCCAGCATACACCTTGGGGCGGGGAGCAACAGGAAGTACAGTGGGACAATGGATG  
CCTACAGGACCATCGCCAGGGAAGAAGGGGTGAGGGGCCATGGAAAGGAACATTGCCCAACATCACAAAG  
GAATGCCATCGTCAACTGTGCTGAGATGGTGACCTATGACATCATCAAGGAGAAGCTGCTAGACTATCAT  
CTGCTCACTGACAATTTCCCCTGCCACTTGATTTCTGCCCTTTGGAGCCGGTTTCTGTGCCACAGTGGTGG  
CTCCCCAGTGGATGTGGTGAAGACCCGGTACATGAACCTCGCCCCCAGGCCAATACTGCAGCCCCCTGGA  
CTGTATGCTGAAGATGGTGACCCAAGAGGGCCCCACAGCCTTCTATAAGGGATTTACACCATCCTTTTTTG  
CGTTTGGGAACCTGGAATGTGGTGATGTTTGTGACCTATGAGCAGCTGAAACGGGCCCTTGATGAAAGTCC  
AGATGTACGGGAATCTCCATTCTGA

>GBCA0097 |Acc|AB020887|Ver|AB020887.1 GI:6855261|Canis familiaris ucp2 mRNA for uncoupling protein 2, complete cds.

ATGGTTGGGTTCAAGGCTACGGATGTACCCCTACTGCCACTGTGAAGTTCTGGGGGCTGGGCACAGCTG  
CCTGCATTGCAGATCTCATACCTTTCCTCTGGACACCGCTAAAGTCCGGCTGCAGATCCAAGGAGAAAG  
GCAGGGGCCAGTGCAGGCTCGGGCCAGCGCCAGTACCGAGGCGTGCTATGCACCATCCTGACCATGGTG  
CGCACTGAGGGCCCCCGTAGCCTCTACAGTGGGCTGGTTCGCCGCCCTGCAGCGCCAGATGAGCTTTGCCT  
CTGTCCGCATCGGCCTCTACGACTCTGTCAAGCAATTCTACACCAAGGGTTCTGAGCATGCTGGCATCGG  
GAGCCGCCTCCTGGCAGGCAGCACACAGGTGCCTTGGCTGTGGCTGTAGCCCAGCCACAGATGTAGTA  
AAGGTCGGTTCCAGGCTCAGGCCCGGGCTGGAAGTGGCCGGAGATACCAAGCACTGTTGATGCCTACA  
AGACCATCGCCCGAGAGGAAGGGTTCCGAGGACTCTGGAAGGGACCTCTCCAATGTTGCTCGTAATGC  
CATTGTCAACTGTGCTGAGCTGGTGACCTACGATCTCATCAAGGACGCCCTCCTGAAGGCCAACCTCATG  
ACAGATGACCTCCCTTGCCACTTCACTTCTGCCTTCGGGGCAGGCTTCTGCACCACCGTCATCGCCTCCC  
CCGTCGATCGTCAAGACGAGATATATGAACTCTGCCCTAGGCCAGTACAGCAGCGCTGGCCACTGTG  
CCTCACCATGCTCCAGAAGGAGGGTCCCCGAGCCTTCTACAAAGGGTTTCATGCCTTCTTCTCCGTTTG  
GGTTCCTGGAACGTGGTGATGTTTGTACCTATGAGCAGCTCAAACGGGCCCTCATGGCTGCCTGCACCT  
CCCCGGAGGCTCCCTTTTAA

>GBCA0098 |Acc|AF454668|Ver|AF454668.1 GI:19568247|Canis familiaris photoreceptor-specific cone-rod homeobox protein (CRX) mRNA, complete cds.

CCACCTGAGGACTCTGACTCCAACAGGTCCTGGGGCCACCAGGAGAGCCTGACCCGTGTTTTTGGAAAGGCC  
CGCAGACCTGGGCCACAGTATCCCCAAAGATCATGATGGCGTATATGAACCCGGGGCCCCACTACTCGGT  
CAACGCCTTGGCCCTCAGCGGTCAGCGCTCCAGCGTGGATCTGATGCACCAAGCTGTGTCTATCCAAGTGCCCCA  
AGAAAGCAGCGGGGAGCGGACCACCTTCAACCCGAGCCAGCTGGAGGAGCTAGAGGCTCTGTTCCGCCA  
AGACTCAATACCCGGATGTGTATGCTCGAGAGGAGGTGGCTCTGAAGATCAACCTACCTGAGTCCAGGGT  
TCAGGTTTGGTTTAAAGAACCGCAGAGCTAAATGCCGGCAGCAGCGCCAGCAGCAGAAAGAGCAGCCTCAG  
CCCCCGGCGCACAGACCAAGGCTCGTCCCTGCCAGAGGAAGGCAGGCATGTCCCAAGATCCTCTCTCCG  
ACGCTCTGTCCAGACCCCTTAGGCATCTCAGACTCCTACAGCCCCCTCTACTCGGCCCTCAGGCTCTCC  
TACCACGGCCGTGGCCACCGTGTCCATCTGGAGTCCAGCCTCAGAGTCCCCTTTGCCTGAGGCCAGCGC  
GGAGGGCTGGTGGCCTCGGGGCCACCCCTGACCTCCACACCCCTACGCCATGACCTACGCCCTGCCTCTG  
CTTCTGCTCCTCCGCTTCCGGGCTCAGGCTCCTCAGAGCTCCTATTTCAAGTGGCCTGGATCCCTATCTTTC  
CCCCATGGTGCCCCAGTTGGGGGGCCAGCCCTCAGCCCCCTTTCAAGGCCCTCCGTGGGACCCCTCCCTG  
GCCAGTCCCCACATTCCCTGTGAGGCCAGAGCTATGGCACCTATAGCCCCGTGGACAGCTTGGAGTTTA  
AGGACCCACAGGGACCTGGAAGTTCACCTACAACCCCATGGATCCTCTGGACTACAAAGATCAGAGTGC  
CTGGAAGTTTCAGATCTTGTAGAAGATCCTCTCTGTATGTCTCTGTCATCTCATCTCAACCCGGCATC  
CCCAGGAAGCAGTGGGGCTGGCCCTCCCTCCAAAAGTTGTGGCCTCTCTGGCCTCATGTGTGGAGTAGC  
CCACCACAGTCCACCCCTCTCCCCGGGACAGTCTCCTCACTCTCCGGGGAAGTTCAATAGATCTTAGT

AACCCCTCCACCCAGCCCCGCCTCACCATGGATGCTGGCTGCCATTTTAACCATGAGCCCTGGACTCCAGA  
AACTGGTGCTATGAATGTGCTCTGAGATGAAATTAAACCAAATTCAGTAGTCAGTTTAGGGGTCCCTGGT  
CAGGTCAGAAATCGAGATGCCCTGGAAACAGACAGGTAGGGGAGACTCAATGTCATACCTTCCATTTGGGACA  
CTTCCTTAGCATGTGGCTAGGATCCTTCTAGAAAATCCAAAGATAGTTTAAAGAAGCCCCACCATGGCAG  
CTTAGGTCAGTTGTACAGTTCAATTAATAAATCCATTTGGCGATTTTACAGATTTCCCAAATATCAAGTT  
TACATGGTAGGTTTAGGGGGCTCTTTGATATATATTTTTTCTTTTTTAGTTTCTTCTTAAAGACATTCG  
TCAGGAATGCATTCCTTTTGGACTTTGAGAGTGGCCATGTTTGGNTTTGTTTGTAGGATTTTCTAAAGGTGG  
ATTTACCCCCAGCGCTGGAGGAACGTGGTAGTTGCCACTGGGGCCAACCATGGTAGTTGGCTCCAACAT  
AGCTGTGGGTATATCAAAAAAAGAAGAACAGGAGGTGGCAGGCTTCTCATTTGTAAATATGCAAGAGAC  
GAGGTTGGCGGGATAAGTGGATTTGGAACAAGCCCCACATTTCAAAAATACAGTCCCTCTCTTAGATTTT  
GTTTCCATTGAGGATGGGACCAGAGAGCGCAGCCGTGATGGAGTGGCACCATATTTCTTTCTGTGCGTTG  
ACCCCAAGTGACAGAGACAAGCACTGAGAGACTTTTAAAGATGGAGTCAGGCATTTTAAACTCTTGGTAG  
TTTGATGCTTTGGCCTTGCTGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCTTTGGCCCTGGGAGGCA  
GTAGCCACGAGCCTTTCACTGGTGGGCTTCAAGGTAAAAGGAAGTAGGGCAGGAAGGTGGTGGTGTGC  
TGGTATGTGTTAACCATTGGCTCCCTAAAAGAAGAGGAAAAACCTTGATTGTAGTGATTGCCAATTTCT  
GTGGTGTAAATTATCCCACTATGGCTGATTTCAAGGCACCAAGTCTGTGGTCATGGCCTCGGAGCTGGAT  
GCATGCCATCTGTGCTCATGGGCTGGTAGGAAGTGGTCCAGGTCGCCGGTGTAGGAAGGGATGTCAGGA  
GGCAGGCACAGTGTGGAGAGAGGCTGGGAGGCTCAGATGGATTTTTCTGGGTCCAGGCCAGAAGAGGTC  
CATATGGACTAGACCCCAAGACCCTCTGAAGGGGCACACGGCGGATCACTGGAATCCTCAAGGATGCT  
TTACTCAGCACACCACATGACCATGTCTCATGGGCTGAGTCATACTGGCCTCTGGGACATTAGACCCAG  
GAGTGAGTGGCTCAGAGTCCAGTGTGGGACACAAAGGATAAACAGAGGAGGACAGTGCAGGTGGGGGTGG  
AAGATAGACGATCCAAGCAGAATCCGCAGNNGAGGGACAGGGAGGAGGTGACATTGTGTAAAAGTTGGGA  
CCAGATGCACATGCCATTGATTTTGTGACAGAGTCCAGAGTCTGTGCTGGAGGNNGGGGTCTCAGGA  
GTACATAGGAATTTCTCTCTGCCCCACGGAGCTCCAGAGCTCTGGTTCACNNGAGGGTGTGTCTTGT  
GAACACGAACATTCACAGGCACGCTGATAAGGGGGTCCGGGAGAGCATGAAGGATGGACGTCATGTTCT  
GGAGGAGGTGGAAGGTGTAGAGCTGGGGGGCCACAGTCACAGGCCACAGGCTCAGATGTCAGGAGAC  
CCCTCTCGCTAGGGCTGGACAGAGCAAGAGGGTGCATTTGTTCCGGAGGTCTGGCTTCTTTTCCCGGG  
CCAACCTCCTGAGCTGTGGGGATGTCAAAGGTTCTACTTCTTTGAGACAAAAGCCAGGACAAGTGACAA  
GAGAGAGAAGGAGCGGCCAGGAGCCCCCTTCACTCTGTGTTCCCTCCCCCACTCCTTGAGACTCCAGTC  
CCCTTCTTCCAGGACAACCACCCCCACCCCAAGCGAAAATAATTAATTTGTTGAATCTCGCTAAAAAA  
AAAAA

>GBCA0099 |Acc|M59172|Ver|M59172.1 GI:164061|Canis familiaris serum amyloid A-like  
protein (SAA) mRNA, complete cds.

ACCAGCACCTCGCTCCATTGGGAACCTCAGCACCATGAAGCTTTTCCCGGGCTCCTTTTCTGTTTCCTTGG  
TCTCGGGTGTGCTAGCGCCAATGGTATTCATTTGTGTCAGTGAGGCTGCTCAAGGGGCTTGGGACATGTGGAG  
AGCCTACTCTGACATGAGAGAAGCCAACTACAAAATTCAGACAAATACTTCCATGCCCCGGGGAACTAT  
GACGCTGCACAGAGGGGCCCTGGGGGCGCCTGGGCTGCTAAAGTGATCAGCGACGCCAGAGAGAATTCCTC  
AGAGAATCACAGACCGTCTTAAGTTTGAGACAGCGGCCACGGAGCGGAAGACTCGAAGGCTGACCAGGC  
TGCCAACGAATGAGGCCGGAGTGGCAAAGACCCCAACCACTTCCGACCTGCTGGCTTGCCTGACAAGTAC  
TGAGCTTCTCTTGGCTCTGCCCTGGGGAGCCGGGCTGTGAGCCCCCTGAGGGCAGGGACACCCACTCGT  
TGAGATCTCTGGCCACGCAGGCTGGGGAGGGCACCTAAGAGGTGTCTAATAAATGCTTAAGAGATGG

>GBCA0100 |Acc|AY044905|Ver|AY044905.1 GI:19072833|Canis familiaris prostaglandin G/H  
synthase-2 mRNA, complete cds.

TGGAGCACGCTCGGGAACCTCCGCCGCGATGCTGGCCCGCGCCTGGTGTCTGCGCCGCCCTGGCGGTC  
GTCCGCGCAGCAAATCCTTGCTGTTCCACCCATGTCAAAACCAAGGTATTTGTATGAGCACAGGATTTG  
ACCAATATAAGTGTGACTGTACCCGAACAGGATTCTACGGCGAAAACCTGCTCAACACCGGAATTTCTGAC  
AAGAATAAAATGATTACCTGAAACCCACTCCAAATACAGTACACTACATACCTTACCCACTTCAAGGGAGTC  
TGGAACATTTGTCAATAACATCCCTTCTGCGAAATACAATTATGAAATATGTGTTGACATCCCGGTCAC  
ATTTGATTGAGAGTCCACCAACTTATAATGTGAACTACGGCTATAAAAGCTGGGAAGCCTTTTCTAACCT  
CTCCTATTATACAGAGCTTCTCCCTGTACCTGATGACTGTCCAACACCCATGGGTGTGAAAGGCAAG  
AAAGAGCTTCTGATTCAAAAGAGATTGTGAAAAGTTTCTTCTGCGAAGAAAGTTTCAATTCCTGATCCCC  
AAGGCACCAATATGATGTTTGCATTTCTTGGCCAGCACTTACCCATCAATTTTCAAGACAGATCATAA  
GCGAGGACCAGCTTTCACCAAAGGATTGGGCCATGGGGTGGACTTAAATCATGTTTATGGGGAAACCTTG  
GATAGACAACATAAACTGCGCCTTTTCAAGGATGGAAAAATGAAATATCAGGTAATTTGATGGAGAGGTGT  
ATCCTCCTACCGTCAAAGATACTCAGGTGAGATGATCTACCCACCTCATGTTCTGAAACACCTGCAGTT  
TGCTGTGGGCCAGGAGGTCTTTGGTCTGGTGCCTGGTCTGATGATGATGCCACCATTTGGCTGCGGGAG  
CATAACAGAGTGTGTGATGTGCTTAAACAGGAGCACCCAGAATGGGATGATGAGCGGTTATTCAGACGA

1215



TAGCTTTGCTTGTGACTGTGAACATCAGAGTTTCCTGCAGTGGGTCAAAGACCACAGGCAGCTCTTGGTG  
AAAGTTGAACAAATGGTGTGTGCAAAACCTTTAGACATGAAGGACATGCCCTTGCTAAGTTTTAGGAATG  
CCACCCTGTCAGAGGAAGCAAGACTATCAATTAGTGTGTGCTAGTTTTCTACTGTGCTTCATGGTTCTCTGG  
TAGCAGTTTTAGCCGGTATAAGTTCTATTTTACCTGATGCTTCTCGCTTGGCTTGCAAAAGGTATAACA  
GAGGGGAAAGTACCTATGATGCATTTTGTATCTACTCAAGCCAGGATGAAGACTGGGTGAGGAATGAAT  
TGGTAAAGAACTTGGAGGAGGAGTGCCCCCTTTAGCTCTGCCTTCTACTACAGAGACTTCATTCTCTGG  
TGTGGCCATCGCCGCCAACATCATCCAGGAAGGCTTCTACAAAAGCCGGAAGGTATTGTTGTGGTGTCC  
CAACACTTCATCCAGAGTCGATGGTGCATCTTTGAGTATGAGATTGCCAGACTTGGCAGTTTCTTAGCA  
GTCGTGCTGGCATCATCTTCATGTCTGCTGCAGAAGGTGGAGAAGTCCCTGCTGCGGCAGCAGGTGGAAC  
GTATCGCTCCTCAGCAGGAACACTTACCTGGAATGGGAAGACAGTGTCTGGGGCGCCACATCTTCTGG  
AGACGGCTCCGAAAAGCCTTGGTGGATGGTAAACCCGTGGAGTCCAGAAGGAACAGAGGATGCAGAAAAA  
GCTAGCATGAAGCAGGAAACTCTGCTTGGAGATGAAAAGCTCCTGTGGTGTCTTCTGCCCAGCTGGACCC  
AGTACTTGTTCAGTTAGCGATGTACCTGCCACTGTGCTAAAGGGCGGATGATTAGTGGTGCACGAGGGCT  
GCAGGATGCCAACCTCATGGAGTTTACAGTGCAGAGGGAATAAAGCTGTGCTAAACCACAGAACCCTCCAG  
GTGGATGCTTCCACCAATCAGCTGAGGAGTCCATGGCTGAGTCCATGGAAAGTCAACTCAATTCCTTACC  
CCATCAAACTGAGTTGGAACCTAGGAGACTGGGTCCCAGAGAGATCAGGGAAGAGATATAGTTCTTCAACT  
GAGTCTCTGGAGTGGAAACTACCTCATGACATGCTAGCTCTCTGAAAGCTGTTTGGGCAGTTTTAACTGA  
ACCAGTCTTTGCCCACTTTTCCCTTTTCTATTGAATGCAATTGAAATTCGGCTTGATGACTCAAAGGA  
TCCTGATTCAGATCCCTTCCCACTACTCTAAGCCAGTTTCTTACAAAGGCTAAATAAAGTCTAGCAAC  
TAGTTCCAAAGGAATTCTGATTAACGCAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0102 |Acc|AB054642|Ver|AB054642.1 GI:14970991|Canis familiaris mRNA for chemokine,  
complete cds.  
ATGATTCCCTTGAAGATGCTGCTCCTGGTCACGCTCCTCCTGGGGGCTTCTCTGCAGGTCACCCATGCAG  
CTCGAGGCACCAACGTGGGCCGGGAGTGCTGCCCTAGAGTACTTCAAAGGAGCCATTCTATCAGCAGGCT  
GACAAGGTGGTACAAGACTTCAGGGGAGTGCTCCCAAGGATGCCATCGTGTGTTGTAAGTGTCCAAGGCAAG  
TCCATCTGTTCCGACCCCAAGGACAAGAGGGTGAAGAAGGGCGGTGAGATATTTACAAAGAACCCTGGAAGG  
GAGGGCCCCAAGAGTCTGATTTCTGCTGGATCATTTGGAGACCTCCACCCTCAGCGTTTGTCTACCCCA  
ACCTCCAGCTGCTGGAGTCCAGTGGAGGCCCTCCAAGGACAAAGGTGAACCTGTCCCTCTTCTGGATGG  
AACCATGGCAGCAAGAGGCCATTAAAGTCTGTCTCTTTGTACTTT  
>GBCA0103 |Acc|AJ298295|Ver|AJ298295.1 GI:12957058|Canis familiaris mRNA for preproMTLRP.  
GAATTCCGACAGCGGGGAATCCAGGCGCATCTGACACCATGCCCTCCCTGGGGACCATGTGTCAGCTGC  
TGCTCTTCAGTGTGCTCTGGGTGGACCTGGCCATGGCGGGCTCCAGCTTCCTAAGTCCCGAACACCAGAA  
ACTACAGCAGAGAAAGGAGTCCAAGAAGCCGCCGCCAAACTGCAGCCCCGAGCCCTAGAAGGCTCCCTT  
GCCCAAGACACAAGTCAAGTGAAGAGGCGAGGATGAGCTGGAAATCCGGTTCAATGCCCCCTTTG  
ATGTTGGAATCAAGCTGTCAAGGCGCTCAGTACCACAGCATGGCCAGGCACTCGGGAAGTTTCTTCAAGA  
GGTTCTTTGGGAAGACACCAACGAGGCCCTGGCAGACGAGTGATCATCCACAAGATGGGCCTGCCTGTTC  
TCCCCCACCCTAGAAGCACTACCTGACTTTTACACTGTTTCTGCAGCTACTCCAGTTCTGAGTGGTA  
CTAGTTGAAGAGGTGAATAAACATTCAAACATAAAAAAAAAAAAAAAAAAACTCGAG  
>GBCA0104 |Acc|AF197950|Ver|AF197950.1 GI:6578766|Canis familiaris androgen receptor (AR)  
mRNA, complete cds.  
ATGGAGGTACAGTTAGGGCTAGGGAGGGTCTACCCCCGGCCGCCGTCCAAGACCTATCGAGGAGCTTTCC  
AGAACCTGTTCCAGAGTGTGCGCGAAGTGATCCAGAACCCTGGGCCCCAGGCACCCTGAGGCCGTGAGCGC  
AGCACCTCCCGGTGCCCATTTGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG  
CAGCAGCAGCAACAGCAGGGTGACGATGGCTCTCCCCAAGCGCAGAGCAGAGGCCCCACAGGCTACCTGG  
CTCTGGATGAGGAACAGCAGCCTTCCCAACAGCGGTGAGCCTCCAAGGGCCATCCGGAGAGTGCCCTGCGT  
TCCAGAGCCTGGAGTGACTTCGGCCACCGGCAAGGGGCTGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG  
AATGACTCAGCTGCCCATGACATTTGTCACTGTGGGCCCTTCTTCCCGGGCTTAAGTAGCTGTCTTCCA  
CCGATCTTAAAGACATCCTGAGCGAGGCTGGAACCATGCAACTCCTTTCAGCAGCAGCGGCAGCAGCAGCA  
GCAGCAGCAGCAACAGCAACAGCAGCAGCAGCAGCAGCAGCAACAGCAGGAGGTAGTATCAGAAGGTAGCAGC  
AGCGGGAGAGCAAGGGAGGCCGCCGGTGTCTCCACCTCCTCCAAGGACAGTTACCTAGGTGGCAGTTTCGA  
CCATCTCGAGCAGCGCCCAAGGAGTTGTGTAAGGAGTGTGCTGCTGGGCCCTTCTTCCCGGGCTTAAGTAGCTGTCTTCCA  
GGAACATCTGAGCCCTGGGGAACAGCTTCGGGGGGATGTATGTACGCCCCGCTCCTGGGAGGTCCACCC  
GCCGTACGTCTTGCCTCCGCTGGCCGAATGCAAGGTTCTCTGCTGGATGACGGCCCGGCAAGGGCA  
CCGAAGAACTGCTGAATATCCCCTTTCAAGGAGGTTATGCGAAAGGGTTGGATGGGGACAGCCTTGGG  
CTGTTTCGAGCAGCAGTGAAGCAGGGGGCTCCGGAACACTTGAGATGCCATCCACCTGTCTCTTCAAG  
TCTGGAGCACTAGATGAAGCGGCAGCTTATCAAAGTCGAGACTACTACAACTTCTCTCTCCCTAGGCG  
GGCCGCTCCCATCCACCCTCCCATCCTCACACCCGCATCAAGCTGGAACCCCTCTGGACTATGG

>GBCA0105 |Acc|AF177934|Ver|AF177934.1 GI:6003480|Canis familiaris prostaglandin E2 receptor EP4 subtype mRNA, complete cds.

CGCAGAGCAGAGCTGGGAAAGCCGCGGCCGGGAGGGGGAAGATGAACGCAACCAGGTGTTCGAAAGCTTGC  
CACTGTGACCCAGTTCCGGAAGCCTGGCAGCCACCGAGCCCGCTGTGTGACAGGGCAGAGGCTTGCCCG  
GCCCGCGCCGAGGCCGGTGTGAGCGGTGTTCTGGAAGTCTCGGCTTGACACCTGGGGGCTCCGCGCGCG  
CCCCCGCGCGGCCACGCAGAGCCAGCCTCGAATCCATCCAAGCCGCGCGTGCACAGGGCCACCGC  
ATGTCCACTCCCGGGGCCAATGCGTCCGCCTCCTCCACCCCCGACCGTCCGAACAGCCCGGTGACCATCC  
CGCGCGTGATGTTTCATCTTCGGGGTAGTGGGCAACCTGGTGGCCATCGTGGTGCTGTGCAAGTCCGCGCAA  
GGAGCAGAAGGAGACGACCTTCTACAGTGTGGTGTGCGGGCTGGCCGCTACCCAGCTGCTGGGCACGTTG  
CTGTGTAGTCCGGTGACCATCGCCACGTACATGAAGGGCAGTGGCCGGGAGGCGAGGCCCTCTGCGAGT  
ACAGCACCTTCATCCTGCTCTTCTTCAGCCTGTCCGGCCTCAGCATCATCTGTGCCATGAGTATCGAGCG  
CTACTCTGGCCATCAACACGCCTACTTCTACAGCCACTACGTGGACAAGCGGCTGGCGGCGCTCAGCCTC  
GTCCGCGTCTATGCGTCCCAACGTGCTCTTCTGCGCGCTGCCCAACATGGGCGCTGGGCGGCTCGCGCTGC  
AGTACCCGGACACCTGTGTCTTCATCGACTGACCAACCAACGTGACGGCGCACGCGCGCTTCTCCTACAT  
GTACGCGGGCTTCAGCTCCTTCTCATTTCTGGCCACGGTGCTGTGCAACGTGCTGGTGTGCGGCGCGCTG  
CTCCGCATGCAACCGCAGTTCTATCGCGCGCACCTGCTGGGCAAGCAGCAGCAGCAGCCCGCGCGCGCGCGC  
TCGCGGTGCCCCCTCCGCGCTCTGCGCGCGCACCCGCGCGCGCCCCCTCCCCCGCGCTGCCGCGCTC  
CAGCGACTTTCGCGCGCGCGGAGTTTCCGCGGGATAGCGGGCGCGAGATCCAGATGGTCATCCTGCTC  
ATCGCCACCTCCCTGGTGGTGCTCATCTGCTCCATCCGCTCGTGGTACGGGTGTTTCATCAACCAGTTAT  
ATCAGCAGCGTTTGGTGAAAGAAATCAGCAAAAACCCAGACTTGCAGGCCATCCGAATTGTGCTGTGAA  
CCCTATCCTGGAGCCCTGGATATACATCCTTCTCGGAAGACTCGTCTCAGCAAGCAATAGAGAAGATT  
AAATGCTCTTCTGCGCATCGCGGGTCCCGCAGAGACCGCTCGGACAGCACTGCTCAGAGAGCAGAA



GGACATCCTCTGCCATGTCCGGCCACTCTCGCTCCTTCTCTCCCGGGAGCTGAAGGAGACCAGCAGCAC  
 ATCTCAGACCTCCTCTACATGCCCGACCTCAGCGAAAAACGGGCTTGGAGGCAGGAATCTGCTTCCCGGT  
 GTCCCTGGCATGGGCTTCCCGCAGGCAGACACCACCTCCCTGAGGACTTTGCGAATATCCGAGACCTCGG  
 ACTCCTCCAGGGGCAGGATTCAGAGAGTGTCTTATTGGTGGACGAGGTTGGTGGGAAGCAGCCACCAGTC  
 TGGCCCTGGCCCAAAGGGGAACCTCTCTGCAAGTCACTTTTCCCAATGAAACACTGAACTTATCAGAGAAA  
 TGTATATAGTAGCTAAGGAAGGAAATACAGCACTATTTCTGGAAGCATATAAAATCCTGTGCAATAGACA  
 CATAAATGAGGTGTTTGGCTGTGCTCAGAAGGGCTGTTTTGTCTTCACTCACATTAAAGAACATCTGG  
 GCTCTCTAGCACTTTTCAAACAATCAAGTTGATTATACGGGAACCCATGGTCTGAAGCGCATTGGTTGT  
 CACTTCACTATGACACAGGATTTCTGTCAACACTTGATGGCTGGGAAGGCCTACCCCTCAGTTTTTCTACT  
 TGATAGGAGGATGGCATAAGTTTGTCTATTTTCAACATCCAGAGCTTTTATCTGGCACACAGCAGCA  
 GGCCAGGTACAGAAGGGCTCTATTCCAATAAACTATGAGGACTGATCTTGTGATTTAAGTGTCTCACTAA  
 AGCATGAAATGTGAATTTTATTGTGTAAATATGACTTAAGGTATTTAAAGTATTTTCTTCTCTGTGAGA  
 AGGTTTATTGTTAATACAAGGTATAATAAAATTTAGGTAACCTCTTCTCCAGTATAACCAGCTGAAG  
 TTGCAGATGTTAGATTTTTTTCATAAACAAGGTGAGGCCAAAATGTGGAATAATACAAATGAGACTATA  
 GCTATAAAACAGATATAAAATTTTAAAGAAAGAGTTTAGTATTATAAAAGGAATAAAGCAAAATACTAT  
 TTTAAGACATGAAGACTATAATCCAAAATATTAAGTTCTTTCCAAGCTATGTATTATAATACATAGTGA  
 AAAATTTTGTAGTATGCTACATGTATTACAGAAAACGTGATTTTCAGGAGAGCTAACCGCTGGTAAATAT  
 TTTCTACTTTCTCCCACTGATACTTTTAAATATGACAAATTTTAAAGTCTTAAATAACCACTAA  
 TTGAAGTGTGTAATAAAGAGTCTAAGCACTTGTCTTCCCTCTTAACTGTTCAATAGTTTACTTT  
 CCTAAGGAATGATCTAGAATATCCTTTAAATGTAAGAGGAAGAAGGCACATTGCCCATGAAGGCCTTT  
 ATGATGAGATGTGGAAGTATCACAGATGCCATAGGAGTTTAAACAACATTAGGAAATTTGGACACATGAGGA  
 TAACCTTCTAGCACTTTTGTGTAAACCCAGTGATGTGTACACATTTGAAGACCTTTCTCAAGGAAC  
 ACTAAGCATGTTTGTGTAAAGTGTCTTAAAGTGTCTTGGTTGTAATTAATTTCTGAGCCTGGTA  
 GTTGATACAGTTTTTAAGAAGCAGTTGTACCAACTGAAATATTTTGGAGATTATAATAAATAAATACT  
 CAGTCTGAGTTCCATATAAAAAA

>GBCA0106 |Acc|AY047597|Ver|AY047597.1 GI:18466798|Canis familiaris beagle Murrl (Murrl)  
 mRNA, complete cds.

GCGGGGCTGCTGGCCAGCATGGCGGCCGAGCTCGAGGGCTCCAAGGCCTGGGCGGGCTGCTGAGCGGCC  
 TGGCCCGAGGAAGCTTTCCACGGGCACCGGCATCAGGAGGAGCTGCTGCGGAGCCAGCTCTATCCGGA  
 GGTGTCCCTCGAGGAGTTCCGCCCTTTCTGGCGAAGATGAGGGGCATCCTTAAGTCGATTGCATCTGCA  
 GACATGATTTTCAACAGCTGGAGGCATTTCTGACTGCTCAAACCAAAAAGCAAGGTGGGATCACATCTG  
 ACCAAGCTGCTGTCAATTTCAAATTTTGAAGAACCATAAGACAAAATTCGAGAGAGCCTCATGAACCA  
 GAGCCGTTGGGACAGTGGGCTTCGGGGCCTGAGTTGGAGAGTTGACGGCAAAATCACAGTCAAGGCATTCA  
 GCTCAAAATACATACCCCTGTTGCCATAATGGAGCTGGAAATAGGAAAAAGTGGACAGGAATCAGAAATTC  
 TGTGTTTGAATTTGATGAAGTCAAGGTGAGTCACTCCTAAAGAAGCTCTCAGAGGTAGAAGAAGTAT  
 CAGCACACTGATGCAGCCAGCCTAGCTGAAGATGGAGTTGTTGAAGCAAAGGTGTTATGATCCCTCCCC  
 AGTGACCTGCGATTTTTTTTTTTTTAAATCTTATTCACCCATTTTATTAATCCCAAAATTCAAATCTGTT  
 TGTCTCACTTGCTGAGATTTCTTTGTCTTCTCTTCACTTCACTTCTTACAGTTGTAAGTCTTGTAGAG  
 TTCTAAACTTTAGCATGCAGAGTGTCTATAAAGCACCTTGAGATCAAGAGTCACCTGCTTCACTGAGT  
 AAGCCAGCCCGGTTCCCCATTATAAAGCATTTTAAAAAGGCTTAAGGGCCATATCCCTAGACACTTGAA  
 TTCAGTAGGACTAGGTGGAGTCAACTTCAGGAACCTTACTATGGTGGTCCGTTCTGGAGTAGGATTCC  
 ATAAATCATGGAAGAATTAGAAAAGGGGGAACAAAACATTTTATTCATGCAAAATACAAGGCTGACAAAA  
 GCCATGTGTCTTGAGCTGAGGCTTAGAAAGCCTGCCTAACCTACAAAAAGTTTACTGATCTGGTAAAC  
 CTGTGATGCTCCTGGAAGTGAATCAGACATTTGGATTCACTCTCACTAAATATGAGGGGTCTGGTTTGAT  
 CTGAACCTAGTGAAGTGTGGGCTTTCTGGAACCTAGAACTAAACGGTCTTGTACAAAAGGGACTGAC  
 TCCCTTTTACTTACTTCAAGTCAGAGTTGTATGAAAGGAAAAATGTCTACTGAGCTGATGTAGGCTTT  
 TTACATCAGAAAATTTTACTTGGGTATCAAAATAAACCTTTTGAAGAAAACATAAAGGGGTACCTGG  
 CTGGGTCAAGTTGGTATAACATGTGACTCTTGATCTTGGGGTTGAGGGCATAGAGATTACTTAATAAATAA  
 ATACAAATTAAGGAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAG

>GBCA0107 |Acc|AY048585|Ver|AY048585.1 GI:18476188|Canis familiaris opticin mRNA,  
 complete cds.

CTCAGTTCTGGAACAGGAGGATGGGAGTACCTGCAGGGACTGGACGCTGAGGTGATTGACCCCATTTCTC  
 GCTTCTGCTGCCACCTGCTCCAGGGTCCCCATGAAGCTCCAGCATTCTGAGCCTGCTGGCCCTGGTG  
 CTGCTGGAAGCGGGGACAGCTTCTCTCCCAAGGAGGAGGAGCGGAGAGATGAGATGCACGGGGAAGGTG  
 ATTCTTATGATGCTCCTGGGGAACATATGCTCCTGGGCGGACAACATATGATGAGGTCAATGACCTCAGCGA  
 CTACGAGGGGCTCATGGACTACGGGGACAGCTCCCTGAGGCTAAAGTGACCAACCTGGCTCCTCCACC  
 GGGATCAGTTCTGCTCAGAGCACAATGACTCCAAGGACCTATCTTTGAAGCCACGATGATCAGGCCATA

CGGAGCTGGGCGTCTGGGCTCCCCAACAGCCACGGCCTGCCACCTGTCTCATCTGCGTGTGCCTTGG  
CTCCTCTGTGTATTGTGTATGATGCTGACCTGGAGAACATCCCTCCTCTCCCCAAGACAACCACTTACCTG  
TATGCCCCGTTCAACCGCATCCGCCGATTCGAGCTGGAGACTTCAAGGGGCTGACAAAGCTGAAGAGAA  
TTGACCTTTCCAGCAATTCCATCTCCTCCATTGATGACGACGCCCTCCGCCTGCTGCCCCCCTGCAGGA  
CCTGATCCTCCAGAGAACCAGCTGGCAGCCCTGCCTGCGCTGCCCCCTGCCATTGAGGTGCTGGATGCC  
CGCCACAACCAGCTCCAGAGTTCCAGGGATACAGCCTGAAGCTCTCAGGGGACTCGAGAAGCTGCAGTTCC  
TCTACCTGGCTGACAACCTTCTGGACTCCATCCCTGGGCTCTGCCCCAAGCCTGCGTTCGCTGCATTT  
GCAGAATAACTTGATAGAGACCATGCAGACAGACGCCCTTCTGTGACCCCGAGGAGCACAACACAGCCGG  
AGGTGGCTGGAAGACATCCGCCTGGATGGCAATCCCATCAACCTGGGCTCTTCCCCAGCGCCTACTTCT  
GCCTGCCTCGGCTCCCCACGGGCCACTGCTGCTAGCTCAGGCTCCAGCTCAGGCTCCCCACTCCCCA  
GCAAGGGGCTCACCACCTGCCAAAAGCACAGACTGCCTCCACCTCCACAGGGTGTCTTTGTTACAGG  
GGAATCAGCCTCCCGAGCCAAGTGCAAAAGTCAACCCCACTCCCTTCTCCAAGTGTACACCCGAGC  
ACACACACATGCACACACATATACACAGATATACATCCACAGACATGTACATATACACAGACATATAG  
ACATATAGACATATACACAGAGACAGACATACACGCATAGACACAGACACATGTACACAGACACACCG  
ATGCACAGATATACACACACGTAGACATACACAGTGTGCATGTGCAGAATGTCTTCAGTAACCAAAAT  
CGCATTTCTCATCTCTTTTCTGTTAAGGAAAACCTTACGGCTCCTGACTCAGAGAAAAGTAGCATCTGC  
AGCAAAGCTCAATCAAATATTCCCCATCCCTCCTACCCACACAGAATGTGAGGAAGTCAAGGAAGAGGAA  
GAGGAGAAGAAAAGGAGGAAGCGGGAGAAGCAGTGGCATGCTTTAGCCAGCTCTTACTACAAGGCTTCCA  
GAACCAATTGTTACATCTTCCAGAATTTATACGCCAGTCATTAAACACCGCTTTTATTAAAGATTAAAT  
TATAAGCTTGCATTTAAATATATGATGTTGAAAATAAATGTAATAAATACTCAGACTCATTACTTCCC  
>GBCA0108 |Acc|AJ296287|Ver|AJ296287.1 GI:16605494|Canis familiaris tcof1 gene for  
treacle protein.  
GGCACAGGGGGCGTGCAGGTGAGCGGACAGGCCGAGTTTCGCCGCGCATGGCCGAGGCCAGGAAGCGCCG  
GGAGCTCCTTCCCCTGATCTACCAGCACTTACTGCAGGCGGGCTACGTGCGCGCGCGCGGGAAGTGAAG  
GAGCAGAGCGGCGAGAAAAGTTTCTGACTCAGCCTGTGACCCTTATGGACATCTATACTACTGGCAAC  
AAACCTCAGAGGTTGGCCAGAAGCGGAAGGCAGAGGAGGATGCAGCGCTGCTGGCTAAGAAGACCCGAGT  
GTCAGACCCCATTAGCAGCTCAGAGAGCTCAGAAGAGGAGGAGGAGGAGAGACAGAAGCTGAAGCCACC  
AAAACCAACCCCAAGACTAGCATCTACCAACTCCTCAGTTCCAGGACCGGTTTTTGCCATCAAGCACAAAAG  
AAAAAGGCGTGGCAAAGACCAACAAAGCCAGCAAGATGGTCAACTCCACACCACATCCGGCCTCTGCCAA  
GGCAGTGGCCCCACATTCTGTCTGGGAGATCACCCAGGAAGTCTGCAGGGCCCTCGGCAAATACCATCCTG  
GTCTCGGAAACTGAGGAAGAGGGCAGTGTCCCGGCACTCGGAACCAACAGCCAAGCCTGGAATGGCAGCT  
CCAACCAGGCCGACAGCTCCAGCGAGACCTCCAGCTCCAGTGATGAGACCGATGTGGAGGTGAAGGCCCTC  
AGAGAAAATTGTCCAGGCCAAAGCTGCCTCGGGTCTGTCAAGGGGACCCCTGGGAAAGGGGCCACTCCA  
GCTCCCCCTGGGAAGGCAGGGCCTTCCGCTGCCAGGCCAAGACAGAGAAGCCAAAGGAGGACTCAGATA  
GACTCAGAGAGTAGTGAGGAGGAGTCAAGAGAGTGAAGAGGAGGCGCCTGCAGCCATGGCTCCAGTCCAGG  
CAAAATCAACTGTGAAAACACCCCAAGAGGCTCCCAAGGAAGGGCACCCCATTAACCCCTATACC  
TGCCAAAGCTCCCCAGTGCGAGTGGGCACACCAGCCCTTGAAGGCGAGAGCAGAAGCTTCTCCAGCC  
TGTGCTCTGCTCCAGCTATGGCGAGGGGCGCCAGAAGCCAGAGGCTCTTCAAGCAGCGAGGAGTCTG  
AGAGTGAAGAGGAGTGTCTCCGCCCCAGCAGCAGGACAGGCAAGCCTGTGGGAAAGGTGTACCCGT  
GAAGGCTGCCTCCACACCCACCAAGAGGCCCTCAGGCCAAGGGACTGCCCTAGCACCCCTGGGAAGCA  
GGGCTGCAACAGCCCCAGTGAAAAGTGTGAGGTGCAGGAAGACTCCTCAGAGAGCAGCGAGGAGGAATCGG  
CAGTGAGGAGGCTGAGGAGGCGGCTGCGGCTCCTGCTCAGTGAAGACCGCAGTGAAGAACCCCTCAGAG  
CAAGGCCAACCAGCTCCCACAGAGCAACTTCAGGCCAAGGGGAGCATCAGCTCCAGGAAAAGTTGT  
AGTGCAGCTGTTCAAATCAAGCAGGAGTCCCCGCCAAGGTAAAGCCACAGCAAGAACCTCCAGAGCA  
ATGCTGTCTCAGTGAGGGGCCAGGGCGCTGTGCCAGCTGTGGGAAGGCAGTGGCCACAGCAGCCAGGC  
CCAGCCAGGGCCAGTCAAGAACCAGAGGAGGACTCGGAGAGCAGTGAGGAGGAGTCCGACAGTGATGGG  
GAGGCCCCCACTCCGGTGAAGCCCTCAGGGAAGACCCCCAGGTGCGAACTGCCTCAGCCCCCAGCAAGG  
GGCTGTCCAGGAAGGGGCCACAGCAGCCCTCCAGGAAGACAGGAGCCGTGGCCACCCAGGCTGGGAA  
GCCGAGGAGGACTCTGAGAGCAGCAGTGAGGAGGAGTCTGACAGCGAGGAGGAGGCGCCGGCCAGGTA

AAACCTGGTATAAAGCCTCCCCAAACCAAGGCTTCCCTGCTGAAAGGTGTCTCAGGCACTCCTGCATCTG  
CCGAGGCCCTCCACAACACGAGTGGACAACCTCAGCCCCACAGAAGGCTAGACCAGCACCTCCTGCCAAGAA  
AGAGGGGAGCTCCAAAACCTGCGAAAAGCAAGGCCAGGCCAGCACCTCCGGAGAAGAACGCAGAGGGG  
TCCTCCGAGAGCAGCGACGACGAGCTGCCAGCCACCCAGGTGATTAAACCCCTCTGATTTTTGTGCGACC  
CTAATCGTAGTCCAGCTGGCCCCAGCTGCTACCGCCACACAAGCTCCAGCTGCAGACACCCCGAGGAAGGC  
CCAGGCCCTCGGAGAGCACAGCCAGGAGCTCCTCCTCCGAGAGTGAGGATGAGGATGTGATCCCCGCTACG  
CAGTGCTCCGTTTCTGCCGTTAGAACCAACGTGACCCCACTCACGCCCCACCAAGGCCGGCTGTGAGAG  
CCAGCACTGTTGGGGCCAGCGGCGGTGAGGCATCCGGTCCGGTGTGAGAAGGCAAGAAGCAGGAGGCACC  
CATCACTCAGGTGACAAAGAGGAACCCCTGCTCACCTCCCGCTGACCCAGGCTGCCCTGAAGGTCTTGTCT  
CAGAAAGCAGTGAAGCCAGCCCTCCTGCTGCCAGGACCCCTCTTCAAGTGGGGTTGACCATGCTCTGG  
GCACACTCCCTGTAATGAGTCCCTCAGATCACCCCTGTGCAGGCCAAGATGACCAACAAGCTCAAAAAGGC  
TGAGGTCCCTGCGAGTCGAGCGAGCCACAGCCACTCCTGTGGGACACCCAAAGCCAAGGCCTCTGAGACC  
TCCAACGACAGCGAGGACAGCAGCGGCAGCTCTTCAAGGAGTGAGGAGGATGCTGACGGGCCCCAGAAGG  
CCACAGGCGGGTAGGTCCAGCCCCCTCTGCGACGGAGACCTTGGTGGAGGAGACCACAGCAGAGTCTAG  
CGAGGATGAGGTCTGTGGCACCCCTCTCAGTCTCTCCTCTCAGGTTATGTGACCCCTGGGCCAACTCTGGCC  
AACTCCAGGCTTCAAAGGCCACTCCTAGGCCAGACCTCAACCCGTGGGCTTCTCTACTTCCATCAGCA  
AAGATGCCCCAGATGGCAAGCAGGAAGTGGAGCCCCAACACGTAGCAGGCACTGTATCCCTAAAACAAG  
CAGGAGAGAGGCTGATGCCACGCCCTCAGAAGCCCCAGCCAAAGAAGGAGGCCGGGAGCCCCAACGCC  
TCCACGCTGGCCCTGCGAGCGACATCAGCCGACGCCCTCCTGAGTGAGCCCTGGCCCCCTGAATGAGGCCC  
AGGTCCAGGCCCTCGGTGGTGAAGGTCTTGACAGAGCTGCTGGAGCAGGAACGGAAGAAGGCCGCCGATGC  
CGCCAAGGAGAGCAACAGGAAGGGCCGGGTGGGCCGCAAGCGGAAGCTGTGCGGGGACCCAGACAGCAGC  
AGAGTCCCCAAGAGCAAGAAAAAGAACAGCAGCTCGTGGCCGGGGAGGTGGGGAGGGTGTGCTGCTCAC  
CAGAAAAAGGCCCTCAGGACTCCCAAGGGGAAGCCCAAGAGAGATGGAGCAAGCAGTGACATCAAGGAGAA  
GAAGGAGAAAGAGTCTCCTGGCTCTCTAGAGGCCAAGGAGAAGCCGGAAGGGGAGCCGGGGACACTGAAG  
GTTGAAGGTGGAGACCAGGCAACCCAAAGATCAAGAAGGAGAAAAAGAAATCAGATAAGAAAAAAGAA  
ACAAGGAAAAAAGAAAAAGAAAGAAAGGCAAAAAAGGCCCTCAACCAAGACCCTGACTCACTATTCCA  
GAAGAAAAAAGAAAGAAAAAGAAAGACAGCAGCAGCAAACTGTCTGAGGGGCACAAGGCGACAGGGATTTT  
TTAGCCAAGTGGTGACAGCCCCATGCCTCTGCCCTGTGCCACCGTGGGCTGGAACCTGAATCTTTAGCT  
TCCCCGCTCCCCAGAAGAGGCCAGCCAGCCACAGTGTCCACGCTGGCCGAGCTAGTGAGCCCTGCAGAGG  
CTGGTCCGAGGAGGAGGAAGCTTCCAGTCCAGTGGCACTCACTGACTCCGCTCTGACTTCTGCTG  
TCCTGACACAGAAGTTCATAGAGATGTGTACAGTATATATATATTTTTTTAAGAGACCTGCCCTCCC  
CCTTCAAACCTGACACTCCCAGAGGCCCTCGGGACCTTCCATCCTTTGACCTGCAGACCCAGCAAGGCCCGG  
CCTGCAGCTCCTCCATGTCCCTGGTCTCTGGTCTCTGGCTGATGCTGAGGCTTTGTCTCTCTGTTTTT  
CACATTTTGTGTTTTTTGTAACTCGGAAAAATAAAGGCTTGAAGGA

>GBCA0109 |Acc|AY064407|Ver|AY064407.1 GI:18252813|Canis familiaris CMP-sialic acid transporter gene, complete cds.

ATGGCTGCCCCAAGAGAAAATGTCAAGTTCTACTGCTTGGCAGTGATGACCCCTGGTGG  
CTGCAGCTTATACCATAGCTTTAAGATACACAAGGACATCAGACAAAGAACTCTACTTTTCAACCACAGC  
CGTGTGTATCACAGAAGTTATAAAGTTACTGCTAAGTGTGGGAATTTTAGCTAAAGAAGCTGGTAGTCTG  
GGTAGATTCAAGGCATCTTTAAAGAAAATGTCTTGGGGAGCCCCAAGGAAGTATGAAGTTAAGTGTAC  
CATCATTAGTGTATGCTGTTTCAAGAACAATATGGCTTTCTAGCTCTTAGCAATCTGGATGCAGCAGTATA  
CCAGGTGACCTATCAATTGAAGATTCCCTGCACTGCTTTATGTACTGTTTTAATGTTAAACCGGACACTC  
AGCAAAATTACAGTGGATTTCAGTTTTTATGCTGTGTGGTGGAGTCATACTTGTACAGTGGGAAGCCAGCCC  
AAGCTACAAAAGTTGTGGTGGAAACAGAATCCATTGTTAGGGTTTGGCGCTATAGCTGTTGCTGTATTGTG  
CTCAGGATTTGCAGGAGTGTATTTTGAAGGTTTAAAGAGTTTCAAGATACTTCCCTTTGGGTGAGAAAC  
ATTCAAATGTATCTCTCAGGGATTGTTGTGACATTAGTTGGCGTCTACTTGTGATGAGGCTGAAATTA  
ATGAAAAAGGATTTTTCTATGGTTACACATATATATGTTTGTGTCATCTTTCTTGAAGTGTGGAGG  
CCTCTACACTTCCGTTGTGGTCAAGTACACAGACAACATCATGAAGGGTTTTCTGCGGCAGCAGCCATT  
GTCCTTTCTACCTTTGCTTCACTGATGCTGTTTGGGTTACAGATAACACTCACCTTTGCTCTGGGCACTC  
TTCTTGATGTGTTTCTATATATCTGTATGGATTACCCAGACAAGACACTACATCCATCCAACAAGGAGA  
AATAGCTTCAAAAGAGAGAGTTGGTGGTGTATGA

>GBCA0110 |Acc|AY064406|Ver|AY064406.1 GI:18252811|Canis familiaris UDP-galactose transporter mRNA, complete cds.

ATGGCAGCGGTTGGGGTTGGCGGATCTGCCGCGGCGCGGGGCCAGGGGCGGTATCCGCTGGCGCGCTGG  
AGCCTGGGTCCGCTACAGCGGCTCACGGCGCCTCAAGTACATATCCTTAGCTGTGCTGGTGGTCCAGAA  
CGCCTCCCTCATCCTTAGCATCCGATATGCTCGTACACTGCCTGGTGTATCGCTTCTTTGCCACCACCGCT  
GTGGTCATGGCTGAAGTGCTTAAAGGTGTACCTGTCTCCTGCTGCTCTTCGCCCAGAAGAGGGGTAATG

TGAAGCACCTGGTTCTCTTCCTCCACGAGGCTGTCTGGTGCAATATGTGGACACACTCAAGCTCGCGGT  
GCCCTCTCTCATCTATACCTTTGCAGAAATAACCTCCAGTATGTTGCCATCTCCAACCTGCCAGCTGCCACT  
TTCAGGTTGACATACAGCTCAAGATCTGACTACAGCAGTGTTCCTCCGTCTCATGTTGAACCGCAGCC  
TCTACGCCTCGAGTGGGCCCTCCTGCTGCTGCTCTTCACTGGTGTGGCGATTGTCCAGGCACAGCAAGC  
TGGTGGGGGTGGCCCCAGGCCACTAGATCAGAATCCCGGGGCCGGGACTAGCAGCTGTGGTGGCCCTCCTGT  
CTCTCCTCAGGCTTTGACGGGTATACTTTGAGAAGATCCTCAAAGCAGCTCAGGTTCTGTGTGGCTGC  
GTAACCTCCAACCTAGGCCCTTTGGCACAGCAGTGGCCGTGTGGGGCTCTGTGGGCTGAAGCAGCTGC  
TGTGGCCCGTCGAGGCTTCTTCTTTGGATACACGCCTGCTGTCTGGGGGTGGTACTAAACCAGCCTTT  
GGTGGGCTACTGGTGGCTGTTGTAGTCAAGTACGCTGACAAACATCCTCAAGGGCTTTGCCACCTCCCTGT  
CTATTGTGCTGTCACCTGTTGCCCTCATTGCCTTTGCTTTTGGCTTTCACCTGGAGCCATTATTGGCTGGG  
CGCTGGGCTCGTCAATTGGTGGCGTCTACCTCTACAGCCTTCCCCGAAGTGCAGTCAAAGCCATAACTTCT  
GCCTCTGCCTCTGCCTCTGCCTCTGGGCCCTGCATTACCAGCAGCCTCCTGGGCAGCCACCACCACCAC  
CGCAGCTGTCTTCTCGAGGAGACCTCATCACGGAGCCCTTTCTGCCAAAGTTGCTCACCAAGGTGAAGG  
TTCGTAG

>GBCA0111 |Acc|AF384054|Ver|AF384054.1 GI:15420723|Canis familiaris flavin-containing monooxygenase 3 mRNA, complete cds.

TTTTTCTGTTTATTTTCTCTCTCTCTCTCTCTCTCTCTGATTATTTCTTGATAAAGAAAAAGGTAACATGAGG  
GGAAAAAGAGTGGCCATCATCGGAGCTGGAGTCAGTGGCTTGGCCTCCATCAGAAGCTGTCTGGAAGAGGG  
GCTAGAGCCCCACCTGCTTTGAGAGGAGTGAAGACATCGGGGGCCTGTGGAAATTTCTCGGAGCATGCAGAG  
GAAGGCAGAGCTAGCAATTTACCAGTCTGTCTTTACCAACTCTTCCAAAGAGATGATGTGTTTCCCAGACT  
TCCCATATCCTGATGACTTCCCCAACTTTGTATGCATAATAGCAAGCTCCAGGAATACATCACTGTATTTTC  
CAAAGAAAAGAACCCTCCTGAAATACATACAATTTAAGACTCTTGTATGCAGTGTAATAAACGTCCTGTAT  
TTCTCAGTCTCCGGCCAAATGGGATATTACCACGTAAAGGGATGGTAAAAGAGAAATCAGCTACCTTTGTATG  
CTGTACTGATTGTTCTGGACACCATGTGTACCCCAATCTACCAGAAAGTCTTTCCAGGACTCAAAACT  
TTTTAAAGGCAAATGTTTCCACAGCCGGGAATATAAGGAACCCAGGAATATTCAAGGGGAAGCGAGTCTGT  
GTGATAGGCCTGGGGAAATTCAGGCTGTGATATTGCTACGGAACTCAGCCACACAGCTGAACAGGTCATCA  
TCAGTPTCCAGAAAGTGGCTCCTGGGTGATGACCCGGGTCTGGGATGATGTTTATCTCATTTGGGACATGATGTT  
CATCACTCGAATTTGAAACCTTCTCTCAAGAACAGCTTGCCACAACAATCATCTCTGACTGGTGGTACATGAAG  
CAATGAATGCAAGATTCAAGCATGAGAATCTGAGCTTGTATGCTTTAAATGGAACCTTGAGAAAAGAAG  
CTGTGTTTAAATGACGAGCTCCCAGCTTGCATTCTGTGTGGCACGGTGTCCATTAGCCTAATGTGAAAGC  
ATTCACTGAGACTTTCAGCCATTTTGGAGTGGGACAGTGTGTTGAGCCATCGAATTTGTCTATTGTTGCA  
ACAGGCTATAATTATGCCTACCCTTCTCTTGATGAGTCCATCATTAAGAGCAAAACAATGAGATCACCT  
TGTTTAAAGGCATTTTCCCTCTAAATTTGAAAAACCGACCATGGCAGTGATGGTTTGTCTCAGTCCCT  
TGGGGCTACCATTCCCACAACCTGATCTGCAAGCCCGCTGGGCAGTACAAGTAATAAAAGGAACCTTGCAC  
TTGCCCTTCTGTAACAGACATGATGAATGATATTGATAAAAAAAGGGAGGGAAAGCTCAAAATGGTTTGGCA  
CCAGCGAGACAGTACAGCCGATTATATATTATATGATGACTTGCCTCCTTCAATTGGGGCAAGCC  
CAATATCCCGTGTTTGTCTCTCAGATCCCAAATTTGGCTGTGGAGGTTTCTTTGGCCCTTGACGCCCA  
TACCAATTTTAGCTAGTGGGCCCAGGGAAGTGGCCAGGAGCCAGAAATGCCATCCTGACCCAGTGGGACC  
GGACCCTGAAACCCATGAAGACAAGAGCTGTTGGGAACCTCAGAAACCTTGCATGCTTTGCCATTTGGT  
CAAGCTCTTTGTTCTTCTGTTCTGTTCAATTCGTGTTTTCTCGCATTGATCTAATTATCATTTCCCACCA  
GGATTTCTGAAAGTTACTGATGATACCCAGGATAGAACTCTCTATTTAAAAAATAAGAAATTTTACACCTC  
CTACTTTCTTATTGACGAGGATTATCATGATACACAGTACTATTTCAGGCTTTCAAGTAAGCCCCCTTT  
AAGAATCAAAATCACGACCTAAAGACAGCATTAATTACTTTTCTTTAGGTTCCACTAACATTTCATAATCA  
GAACTATGCTTTTACCACCTAACCTCAAGCATCTCCTGAAACATATGCGATGTGATTCCTTTCTCCTTTTA  
ATCAAAGTTTGAATACATGCTTCAAAGTTAAACAAGACAACTCAGCAGAGTAGTTATGATATTGTTCTC  
CAGCCACTTCTGAAAACCAATTTGCAGGAGAATCAAGTAGAGAATTTGCTTTTAAATCTAATTTTGTGTTTT  
ATGCCAAATCCTCCAGGCAATATGTCCTGATCCCTGGCCAAAAAATTATAGCATGGATGGGGATCCCTGGG  
TGGCTCAGCAATTTGGTGCCTGCTTTCAGCCCTGGGTGTGATCCTGGAGACCGGGGATCAAGCCCCACAT  
AGGGCTCCCTGTCATGGGGCTGCTTCTCCCTCTGCTCTGCTCTGCTCTCTCTCTCTCTCTGTC  
TCTCTCATGAATAAATAAATAAATCTTAAAAAAAAGTATAGTATGAGAGACCTGGTCTATAATGAAA  
GTTAACAGAAGTAACATTATGGACTGTAAAGGATATAATATTCTTCTCAAACCTTATGTAGCCAAACACA  
TTCTCTTAATGTCTTATTAATGTCAATCTTTCTCATACTTAAGACATGAATTATTTTAACTATTTTTGA  
TGTCTTAATTAATCTTTTATTAACAGCGATGATTTTGTATCACTCATTTTGTCTCAAGTTTACTGAT  
AAAATTAATATATATATTATGTCTTAAAGATATACAATTTGAACATATGAAGCACAAAGATCTTTTCA  
CTCCCAATTTTCACTCATCATATATATATTCTCAATAAGGACAC

TCCCAATTTTCATCTCATATATCTATATCTCATTAAAGGACAC  
 >GBCA0112 |Acc|AF384053|Ver|AF384053.1 GI:15420721|Canis familiaris flavin-containing  
 monooxygenase 1 mRNA, complete cds.

1222

GTTGAAACAGTTACTCTGCTTGTAGCTCTTAAGGTTTCGTTACCGTGAACGCATCACCATTCTTCGAGGAA  
 ATCATGAGAGCAGACAGATCACACAAGTATATGGTTTCTATGATGAGTGTTTAAGGAAATATGGAAATGC  
 AAATGTTTGGAAATACTTTACAGATCTTTTGGACTATCTTCCCTCTCACTGCCTTGGTTGATGGGCAGATA  
 TTCTGTCTACATGGTGGCCTCTCACCATCCATAGATACACTGGATCACATCAGAGCACTTGATCGCCTAC  
 AAGAAGTTTCTCATGAGGGTCCAATGTGTGACTTGCTGTGGTCAGATCCAGATGATCGTGGTGGTTGGGG  
 TATATCTCCTAGAGGAGCTGGTTATACCTTTGGGCAAGACATTTCTGAAACATTTAATCATGCCAATGGC  
 CTCACATTGGTGTCCAGAGCTCACCAGCTGGTGATGGAGGGATATAACTGGTGCCACGACCGGAATGTAG  
 TAACGATTTTTCAGTGTCCAAACTATTGTTATCGTTGTGGTAATCAAGCTGCAATCATGGAACCTTGATGA  
 TACTCTAAAATACTCTTTCTTGCAGTTTGACCCAGCACCTCGCAGAGGCGAGCCACATGTTACTCGTCTGT  
 ACCCCAGACTACTTCTCTGTAA

>GBCA0116 |Acc|AY062037|Ver|AY062037.1 GI:17426426|Canis familiaris protein phosphatase  
 type 1 alpha catalytic subunit mRNA, complete cds.

CCATGTCGACAGCGAGAAGCTCAACCTGGACTCCATCATCGGGCGCCTGCTGGAAGTGCAGGGCTCGCG  
 GCCTGGAAAGAATGTACAGCTAACAGAGAACGAGATCCGTGGTCTGTGCCTCAAATCACGGGAGATTTTC  
 CTGAGCCAGCCCATCTTTTGGAGCTGGAGGCACCCCTCAAGATCTGCGGTGACATCCATGGCCAGTACT  
 ACGACCTTCTGCGGCTCTTCGAGTATGGTGGCTTCCCTCCAGAGAGCAACTACCTCTTCTGGGGGACTA  
 CGTGGACCGGGGCAAGCAGTCTTTGGAACCATCTGCTTGCTGCTGGCCTATAAGATCAAGTACCCCGAA  
 AACTTCTTCTGCTCCGTGGGAACCATGAGTGTGCTAGCATCAACCGCATCTATGGCTTCTACGATGAGT  
 GCAAGAGACGCTACAATATTAACCTGTGGAAGACCTTTACTGACTGNTTCAACTGNCTGCCCATTTGCTGC  
 CATCGTGGATGAGAAATCTTCTGCTGCCATGGAGGCCTGTCCCCAGACCTGCAGTCCATGGAGCAGATT  
 CGGCGTATCATGCGGCCCTACAGACGTGCCGGACAGGGCCTGCTGTGCGACCTGCTGTGGTCTGACCCCTG  
 ACAAGGACGTGCAGGGCTGGGGCGAGAATGACCGTGGTGTCTCCTTTACCTTTGGGGCTGAGGTAGTGGC  
 CAAATTCCTGCACAAGCAGACTTGGACCTCATCTGCCGGGCACACCAGGTGGTAGAAGATGGCTATGAA  
 TTCTTTGCCAAGCGGCAGCTGGTGAATCTTCTCGGCTCCCACTACTGTGGCGAGTTTGACAATGCAG  
 GCGCATGATGAGTGTGGATGAGACACTCATGTGCTCCTTCCAGATACTCAAGCCCGCTGACAAGAACAA  
 GGGGAAATACGGGCAATTTCAGTGGCTTGAACCTTGAGGGCCGGCCCATCACCCACCCCGCAACTCCGCC  
 AAAGCCAAGAAATAGCCTCCGCGTGCCCGCACTGTGCCCCAGATGGTGGATTTGTACAGAAATTACGTGG  
 CCATGCTAGGGGGTTACGCTGGCCCCCAGGCCCCACCTGTACGGGGAAACATGGA

>GBCA0117 |Acc|AY052750|Ver|AY052750.1 GI:17223786|Canis familiaris frizzled-6 mRNA,  
 complete cds.

ATGGAGATGTTTACATTTTTGTTGACGTGTGTTTTTCTACCTTCGTAAGAGGGCACAGTCTTTTCACTT  
 GTGAACCAATCACTGTGCCCCGATGTATGAAAATGGCCTACAACATGACGTTTTTCCCTAATTTGATGAG  
 ACATTTATGACCAGAGTACAGCTGCTGTGAAAATGGAGCCCTTTCTTCCCTTGCAAATTTGGAATGTTCA  
 CCAACATTTGAAACTTTCCCTTTGCAAAGCTTTTCGTACCAGCGTGCACAGACCAAATTAATGTGGTTCCAC  
 CTTGTCTTAAGTTTTGTGAGAAAGTATATTTCTGATGCAAAAACTAATCGACACTTTTGGTATGCGATG  
 GCCTGAGGAACCTGAATGTGACAGATTGCAGTACTGTGATGAGACTGTTCTGTAACTTTTGTATCCACAC  
 ACACAGTTTCTTGGTCCCTCAGAAGAACACAGAGCAAGTCCAGAGAGACATTGGATTTTGGTGTCCAAGGC  
 ATCTTAAGACTTCTGGGGGACAAGGCTATAAGTTTCTGGGGATTGACCACTGCGCGCCTCCATGCCCTAA  
 CATGTATTTTAAAAGCGATGAGCTAGAGTTTGCAAAAAGTTTTATTGGAATAGTTTCAATATTTTGTCTC  
 TGTGCAACTCTTTTACATTTCCCTTACTTTCTTAATTTGATGTTAAAAGATTTCAGATACCCAGAGAGACCA  
 TTATATATTTACTCCGTCTGTACAGCATTGTGTCCCTGATGTACTTTATCGGATTCTTGTTAGGCGATCG  
 CACAGCCTGCAACAAGGCAGATGAGAAGCTAGAACTAGGTGACACAGTAGTTCTGGGTTCCTCAGAATAAG  
 GCTTGCAGTGTCTGTTTTATGTTTCTGTATTTTTTCAAAATGGCTGGCACCCTGTGGTGGGTGATTTCTTA  
 CCATTACGTGGTTCTTAGCTGCAGGAAGAAAATGGAGTTGTGAAGCCATTGAACAAAAAGCAGTGTGGTT  
 TCATGCTGTTGATGGGGAATACCAGGTTTTCTGACTGTTATGCTTCTTGCTATGAACAAAGTTGAAGGA  
 GACAACATTTAGTGGCGTTTGTCTTGTGGCCTTTATGACCTGGATGCTTCTCGCTACTTTGTACTCTTTCG  
 CACTGTGCTTTTGTGTTTTCGGGCTGTCTCTTTTGTAGCTGGCATTATTTCTTAAATCATGTTTCG  
 ACAAGTTATACAACATGATGGCCGGAACCAAGAGAACTAAAGAAATTTATGATTTCGAATTGGAGTCTTT  
 AGTGGCCTGTATCTTGTGCCACTGGTGACACTTCTGGGATGTTACGTCTATGAGCAGGTGAATAGGATCA  
 CCTGGGAGATAACCTGGGTCTCTGACCACTGTCTGCTAGTACCATATCCCGTGTCTTATCAGGCTAAAAC  
 AGAACTCGACAGAAATGAGCTTTATTTATGATAAAATATCTGATGACATTAATTGTTGGCATCTGTCT  
 GTCTTCTGGGTTGGAAGCAAAAAGACATGCACAGAATGGGCTGGGTTTTTTTAAACGAAATCGTAAGAGAG  
 ATCCAATCAGTGAAAGTAGAAGTACTACAGGAGTCAATGTGAGTTCTTCTTAAAGCACAATTTCTAAAGT  
 TAAGCACAAAAAGAGCACTACAAACCAAGTTCGCACAAGCTGAAGGTCAATTTCCAATCCATGGGAACC  
 AGCAGGTTGCTACAGCCAATCATGGCATTCTGCAAGTGGCAATCACTAACACGATTACTTAGGACAAG  
 AAACCTTTGACAGAAATACAAACCTCCCTGAAACATCAGTGAGAGAGGTGAGAGCAGATGGAGCGAGCAC  
 CCCCAGGTCAAGAGAACAGGACTGTGGGGAGCCAGCTCCCCAGCAGCATCCAGCTCCCGACTCTGTGAG



GAACAGGCTGACAGGAAAGGCCGGGAGGCAATGGGACTGATAAGATCAGCATATCTGAAAGTACACGGA  
GTGAAGGAAGGGTAAC TCCAAAAAGTGATGTCAGTGAACCGGCCCAATGCAGAGCAGCAGCTTGCAGGT  
CCCAGGCTCTTCAGAGCCCGGAGCCTGAAAGGCTCCACATCACTGCTCGTTCACTCAGCTTCAGGAGGT  
AGAAAAGAGCATGGCACTGGAAGTCACTCTGATACGTGA

>GBCA0118 |Acc|AF039223|Ver|AF039223.1 GI:2724138|Canis familiaris caveolin-2 (cav-2)  
mRNA, complete cds.

CTCCGCGATGGGGCTGGAGACCGAGAAGGCCGACGTCCAGCTCTGCATGGACGACGACGCTTACAGCCAC  
CACAGCGCCGTGGACTTCGGCGACCTGGAGCAGCTGGCGGACTCGGGCTCGGACCGCGACCCCCGCGCC  
TCAACTCGCACCTCCAGGTGGGCTTCGAGGACGTGATCGCGGACGCGCTGTCTACGCACTCCTTTGACAA  
AGTGTGGATTTGCAGCCATGCCCTGTTTGGAGTCAAGTACGTGATCTACAAGTTCTGACGTTGCTC  
CTGGCGATGCCCATGGCCTTCGCGGCAGGGTTCTCTTCGCCACCCCTCAGCTGCCTGCACATCTGGATTA  
TAATGCCTTTCTGTAAGACCTGCCTCATGGTCTGCTTCGGTGCAGACCATATGGAAGAGTGTAAACAGA  
TGCTTACATTGCCCCGTTGTGTTCAAGTGTAGGACGACGCTTCTCTTGTGTCAGCTTGCAAGTGAGTCAC  
GACTGAGCACTTGGACCCAGGGCTGGAGAGCTGGATACTGTAATACTTCTTTGTTGTTATAATGCAAAA  
GCACTACTGTTCTGTTCTAAGCATCCCCAAGTGTCTAATTAAGAAAACATTTTTAAGATGGGCAACCAC  
ATTTGGAAATGTTGATTGGCAGATCTTCTCAAATAATGCTCTTCTAATTCATAGTCAAGGATTTCTGATC  
TAATTTTAGAGCCAGATAATAACAGTAGGTTGGCAACACTTAATTTTAAAGGCAAGTCTTACTTTAGTA  
CAAAAGTACATATTTTATAACGATGAATTTATAAAGATCGAGGGACGTTTCCCAAACACTATAATAGTTT  
TGTGCACAACCTGCTTGTAAAAAATATGGAATTTCTTTTTTTTTTTTTTTTTTACTCTGAAAGCAATGCTTT  
TTAAATTACCTTTGCAGATAAAGTCATGGGAATACTTACAGGAAAAATATACAAAGATCCTAGAAATTAC  
AGTGACAAAAGCATGCCGTGGTAATAGGAGCTATCAAATATAGTTGTACAGTTTATCGTATAACTATAAA  
ATCACAAGACTGATTGACTTTTAAACATAATAAAATCTATGTAGTCAAATGAGTGGTAATGTTTTAAGGTA  
ATGATCATGGGACTCTCAAGGATGCTACAGAGGCACTTTTGAAGTCTCTTTTGTAGCTATTTTCAAAAGG  
ATAGGAGTTTCTAGTTTAAATCATTCATTTACTTTGGGCCCCAATAGTATTCCAGTTCAGACATCCTTTA  
TATTTACCATTTGGCAACTTGGAAAAGTTAAACTTATCTTCATCGAATGAAGATTGTCTATCTATGTA  
GATGTTCAAAGGAATGTTTATTACAGTTCTGATAATAAATCTGAGAATTTGAGCACTTTCACACTTTTTTA  
AGATGTGTGAATTTATAGTGAACCACGTATATCATAGACATCTTCTGTATATGCCTCTCATWTTGGGATA  
ATGAGATTTTTTAAACAACAGTGACTCATAACATTGDAATAGGACACAT

>GBCA0119 |Acc|AB075027|Ver|AB075027.1 GI:17298185|Canis familiaris hsp70 mRNA for heat  
shock protein 70, complete cds.

CGATTAAGAGACCGAGCTCCTCCTCGTCGCGGAGCCCGACCGCCTTTTCGGAAACCTGAACGTGAGCCTGA  
GCGCGGGCAGGGAAGCGGGACGCCGTATGGCTAAGAGCGCGGCCATCGGCATCGACCTGGGCACACCT  
ACTCCTGCGTGGGGGTGTTCCAGCACGGCAAGGTGGAGATCATTGCCAATGACCAGGGCAACCGCACAC  
CCCCAGCTACGTGGCCTTACCGACACCGAGCGGCTCATCGGGGATGCGGCCAAGAACCAGGTGGCGCTG  
AACCCGAGAACACCGTGTTCGACGCGAAGCGGCTCATCGGCCGTAAGTTTGGCGACCCGGTGGTGCAGT  
CGGACATGAAGCACTGGCCTTTCCAGGTGGTCAACGACGGGGACAAGCCCAAGGTGCAGGTGAGCTACAA  
GGGGAGAGACCAAGCGCTTCTACCCCGAGGAGATCTCGTCCATGTTGCTGACCAAGATGAAGGAGATCGCC  
GAGGCCTACCTGGGCTACCCGGTGACCAACGCGGTGATCACCGTGCCGGCCTACTTCAACGACTCGCAGC  
GCCAGGCCACCAAGGACGCGGGGGTGATCGCGGGGCTCAACGTGCTGAGGATCATCAACGAGCCCACTGC  
CGCCGCCATCGCCTACGGCCTGGACAGGACCGGCAAGGGGGAGCGCAACGTGCTCATCTTTGACCTGGGC  
GGGGGACCTTCGACTGTCTCATCTTACGATCGACGACGGCATCTTCGAGGTGAAGGCCACGGCCGGGG  
ACACGCACCTGGGCGGGGAGGACTTCGACAAACAGGCTGGTGAACCACTTCGTGGAGGAGTTCAAGCGGAA  
GCACAAGAAGGACATCAGCCAGAACAAGCGAGCCGTGAGGCGGCTGCGCACCGCCTGCGAGAGAGCCAAG  
AGGACCTTGTCTGTCAGCACCCAGGCCAGCCTGGAGATCGACTCCCTGTTTCGAGGGCATCGACTTCTACA  
CGTCCATCACCAGGGCGCGGTTTCGAGGAGCTGTGCTCCGACCTGTTCCGGAGCACCTTGGAGCCCGTGA  
GAAGGCCCTGCGCGACGCCAAGCTGGACAAAGGCCAGATCCACGACCTGGTCTGTTGGGGGGCTCCACC  
CGTATCCCCAAGGTGCAGAAGCTGCTGCAGGACTTCTTCAACGGCCGCGATCTCAACAAGAGCATCAATC  
CCGACGAGGGCGGTGGCCTATGGGGCGGGCGTGCAGGACGGCATCTGATGGGAGACAAGTCCGAGAACGT  
CGAGGACCTGCTGCTGCTGCTGACGCTGGCGCCCTGTCGCTGGGGCTGGAGACGGCCGGGGGGCTGATACC  
GCCCTGTGCGGCAACTCCACCATCCCCACCAAGCAGACGCGAGATCTTCAACCACTACTCGGACAACCAGC  
CTGGAGTGCTGATCCAGGTGTACGAGGGTGAGAGGGCCATGACGCGCGACAACAACCTACTGGGGCGCTT  
CGAGCTAAGCGGCATCCCCCGGGCGCGGGGGCGTGGCCAGATCGAGGTGACCTTCGACATCGACGCC  
AACGGCACTCTGAACGTGACGGCCACGGCAAGAGCAGCGGGCAAGGCCAACAAGATCACCATCAACACG  
ACAAGGGCCGCTGAGCAAGGAGGAGATCGAGCGCATGGTGCAGGAGGCCGAGAAGTACAAAGCCGAGGA  
CGAGGTGCAGCGGACAGGGTGTCTGCCAAGAAGCCCTGGAGTCTTACGCCTTCAACATGAAGAGTGCG  
GTGGAGGACGAGGGTCTCAAGGGGAAGATCAGCGAGGCCGACAAGAAGAAGGTGCTGGACAGTGCCAGG  
AGGTGATTTCTGGCTGGACGGCTTACCTTGGCGGAAAGGACGAGTTTGGAGCACAAGAGGAAGGAGCT

GGAGCAGGTGTGTAACCCCATCATCACCGGACTGTACCAGGGAGCGGGTGGTCTCTGGGGCTGGTGGCTTT  
GGGGCTCAGGCTCCCAAAGGGGGCTCTGGGTCTGGCCCCACCATCGAGGAGGTGGATTAGGACTTCTTCC  
CCAGATTGTTCTCTGTTTGTGTGAGAAACGGTTAGGATTAAGGATTCTAACATTGCCCTTATATGTCTGTGT  
TTCATCAGTCTCAACTCTGCAAGTTGTTTGCAAAGTTTCAACTGTCTTTTGGTGAAGTTATGAAGTTCCCT  
TTTTTTTTTAGAGTCCAAATGTAGGAAGAATTTATACTGCCATTTTTTTTTCTTTTTTGTAGTATTGACG  
TTGAACCTGGGCTTTGTTATACTGATTTTGCAGAGTAAATAAATCAATCATTTGTCTTGCCAAAAA  
AAAAAAAAAAAA

>GBCA0120 |Acc|U65376|Ver|U65376.1 GI:1762762|Canis familiaris rod photoreceptor  
transducin alpha 1 subunit mRNA, complete cds.

CTGCAGGTCGACACTAGTGGATCCAAAGAAATTCGGCACGAGGGGTGAGAAGGGTGTGGGAGACCTGAGG  
CCAGCCTGAGCCCGGCTCTGGGGATCCTCTCCATCTAGAAGAACCATAACCATCCTGTTACCTGTTG  
CCGGGACCATGGGGGCTGGGGCCAGCGCTGAGGAGAAGCACTCAAGGGAGCTGGAAGAAGCTAAAAGA  
AGATGCTGAGAAGGATGCTCGAACCGTGAAGTGTCTTTTGGGTGCGGGGGAGTCCGGGAAGAGCACC  
ATCGTCAAGCAGATGAAGATTATCCACAGGACGGGTACTCGCTGGAAGAGTGCCTCGAGTTCATTGCCA  
TCATCTACGGCAACACGCTGCAGTCCATCCTCGCCATCGTGCAGCCATGACCACGCTCAACATCCAGTA  
CGGAGACTCTGCCCGCCAGGACGATGCCCGGAAGCTGATGCACATGGCAGACACCATCGAAGAGGGCAGC  
ATGCCCAAGGAGATGTCGGACATCATCCAGCGGCTGTGGAAGGACTCGGGTATCCAGGCCTGTTTCGAAC  
GCGCCTCTGAGTACCAGCTCAACGACTCCGCGGGCTACTACCTCTCGGACCTGGAGCGCTGGTCACCCC  
GGGCTACGTGCCCACTGAGCAGGACGTGCTGCGCTCGCGTGTCAAGACCACGGGCATCATTGAGACCCAG  
TTTTCTTTCAAGGACCTCAACTTCCGGATGTTTCGATGTGGGCGGGCAGCGCTCAGAGCGCAAGAAGTGG  
TCCACTGCTTCGAGGGTGTGACCTGCATCATCTTCATCGCGGCGCTGAGCGCCTACGACATGGTGTCTGGT  
GGAGGACGACGAAGTGAACCGCATGCACGAGCCTGCACCTGTTCAACAGCATCTGCAACCAACCGCTAC  
TTCGCCACCACGTCCATTGTGCTCTTCTCAATAAGAAGGACGTTTTCTCCGAGAAGATAAAAAAGGCGC  
ATCTCAGCATCTGCTTCCCCGATTACGACGGGCCAACACGTACGAGGACGCGGGCAACTACATCAAGGT  
GCAGTTCTCGAGCTCAACATGCGACGTGACGTGAAGGAGATCTATTCCCATATGACTTGTGCTACAGAC  
ACACAGAACGTCAAAATTTGCTCTTCGATGCCGTACCGATATCATCATCAAGGAGAACCTCAAAGATTGCG  
GCCTCTTCTGAGGTGCTGAATCAGGCTTGTCTCTGACACCCCTATAGTCTAGCCTCCTAGTAGCCCTA  
GCCACAGGAGCCTATCA

>GBCA0121 |Acc|AF440218|Ver|AF440218.1 GI:17226389|Canis familiaris ventricular myosin  
light chain 2 mRNA, complete cds.

GGGGAAGCAGTTCTGTGCTCTTTCCACCATGGCACCCCAAGAAAGCCAAGAAGAGAGCAGAAGGCGCCAAT  
TCCAACGTGTTCTCTATGTTTGAACAGACCCAGATCCAGGAATTTAAGGAGGCTTTTACCATCATGGACC  
AGAACAGGGATGGCTTCATCGACAAGAATGATTTAAGGGACACCTTTGCTGCTCTTGGGCGTGTGAACGT  
GAAAAATGAGGAAATGATGAATGCTCAAGGAAGCTCCAGGTCCAATTAACCTTTACTGTGTTCTTAACA  
ATGTTTGGGGAGAACTTAAGGGGGCAGACCCCGAGGAGACCAATCTCAACGCATTCAAGTGTGTTGACC  
CTGAAGGCAAAGGGGTGCTCAGGGCTGATTATGTTTCGGGAGATGCTGACCACACAGGCAGAGAGATTTTC  
CAAAGAGGAGATTGACCAGATGTTGCGCGCTTCCCCCTGATGTGACTGGCAACTTGACTATAAGAAC  
CTGGTGCATATCATCACCCACGGAGAAGAGAAGGACTGAGGGGGCTCACCAACCAACCTGGGCTTGTCT  
TTGGTGGGGATGTAGTCCCTGCCCTCCTCTCACTTTGCCAGTAATGCTGCCATCCCTGCTACCGGCCG  
TTAGTCGTGTGGCTGCCTCATTAGCCACCTTCATCTTCTTTGCAGCCTCTGTGGCATATAGATACCATGT  
GGCCACATATCCTGTAGATGGAAATCCATCCAGAAGCTGTGTTCAAATAAATGAGAGGTTGTCTCTCTAA  
AAAAAAAAAAAAAAAAAAAA

>GBCA0122 |Acc|AB020986|Ver|AB020986.1 GI:4038726|Canis familiaris mRNA for leptin,  
complete cds.

GAGGCCCAACAAGCACAGCCGGGAAGGAAAATGCGTTGTGGACCTCTGTGCCGATTCTGTGGCTTTTGG  
CCCTATCTGTCTGTGTTGAAGCTGTGCCAATCCGAAAAGTCCAGGATGACACCAAAACCTCATCAAGA  
CGATTGTGCGCCAGGATCAATGACATTTCCACACGCACTCTGTCTCCTCCAAACAGAGGGTCTGCTGCTCT  
GGACTTCATTCTGGGCTCCAACAGTCTGAGTTTGTCCAGGATGGACCAGACGTTGGCCATCTACCAA  
CAGATCCTCAACAGTCTGCATTCCAGAAATGTGGTCCAAATATCTAATGACCTGGAGAACCTCCGGGACC  
TTCTCCACCTGTGGCTCCTCCAAGAGCTGCCCTTGGCCCGGGCCAGGGGCTGGAGACCTTTGAGAG  
CTGGGCGGGCTCTGGAAGCCTCACTCTACTCCACAGAGGTGGTGGCTCTGAACAGACTGCAGGCGGCC  
CTCCAGGACATGCTTCGGCGGCTGGACCTCAGCCCTGGGTGCTGAGACCTCGAAGGCTTCTCTTCCCCAA  
GTCCAGGAGAGAACCTGGGCTCCAGGTGCTCCAGGAAGAGACCGTATGGGTGTCTTTATCCTGGCC  
CCTAGCCGTTTCTCTCTCACACACAGAGCACTCTTCCAAGGCATAAGCCTCCACGGCACAAAACCAA  
AGATAAGAATGCAGGATTCATGCTCACCGGAAGGGGACCCACCTGGCAAACAGTGACCTGCATCTGG  
GGTTCTCACAAAAGGCTTCTTCTGTGCCACCTCCCCCTCACTGCATGCTTCAGCGTGACCTGGGGTG  
ATGTCAGGAGGACCCGCTGAGCCTTTGGACCATCAAGCAAGGTTCTGTCTGAAAATTTCTGGGAGCACCA



TGAAAGCTACATCCACATAGCTGCAAAC TCCCAAGCAACACATTATTTATTATGCATTTTATTCTGGATG  
 GATTTAAAGCAAACATCAGCCTTTCCAGGCTCTTTGGGGCCAGCCAGAGCTAGGAATGCTATTTCCAAT  
 CCCATCGGTGGGCCCTGGCTGAGGCAAACCCATTTCTAGTGACTTGAGGGCTCTCAAGTTAGTTCTTTGGT  
 AACTGGCTATGTTTCTACTGTGACGGATGTTAAATTACAGTGTTTGCAATGGCATTGCCCTGAGCGGATC  
 TCCAAGGACCAGGTTATTTCAAAAAGAAGATGAATTTTGTGTCATGTGTGATATATAGATGTGTGTACCTGG  
 AGGTAGGAGAACGTGTTAGCAGGAAGGGGAAGGATCCAGGATGTATTTTTTGAATTACATTTGTGCGATG  
 GGCTCTTCGAATGGAGGGGGGTTTCATGTTCTCATCTCTGCAACCACTTAGTGTGGTTTTAATGAGAATAA  
 CAAAGGATATGACTCCTTCAGCGGGGGTGTGGGGTTTTGCCAGCCACCCATGGGGGGGGCAGTGGCACT  
 GACGACTGTTTACTGGGGCAGTTGTGAGCGCTGGCCTTCTCCAATTGCTGGAGACAGGTCTTTCTTATCA  
 GGGAAATGAGGATCCCTCACTGGAGGTGGTGATCCCCAGAGCAGGGGTCTTAGTATGGGCTTGGAATGG  
 TCTAGGGATGATCCACACTGGATTTGTAAATGGAAGTACCCCTACTTGGGATTTGCATGCCAAATTGT  
 GGTTCTCATCTGACTGGCTCACCCAAACAGACCATGTTTCCCTCTCATTCGGGGTAGATTTATACTCCA  
 GCGGAAAGTTTCTAGGGCTTACCTCAGGGACCTTGCATTCCAGATGGTAAATAATGCCACACACCAAGTAA  
 GGAATGCCCTTCCCACCAGAGGTACGTTTGGTGGGATGAACAAGGAGGCTTGGGTTTTCCACCATCCTG  
 CCACTATGATGAGGCCATCATACTCTAGGTGGTGGATCTGTTCAAGGAAATTTGAATCAAAGCTATTAAC  
 TTTAAGACCGAGCACCTACTTTGTGCTCAGTCTGATTGGTGCATGGGCTAGAGAAGCTCACCAAGTAA  
 ACGTTAAAAATCCAGCCTTACCTCAGGGACCTTGCATTCCAGATGGTAAATAATGCCACACACCAAGTAA  
 AAAGGCTGGCCTCGCACCATGGCAACTGAGCAGCTGAACCAGCGCACTCCTCAGCAGGCGGAAATGCTGA  
 ACTGAGAATGTGCTGCTCAGGGGGCCACAGGCTAACCTGCTCCCACTTCGTAGCATTTTGTCTTTTCA  
 GGGCAGCGCAGCATTTATTACTGTGTAGCCACATCCCTCTGAAGCAGCAGCATAGCTGACAATTTAAAAA  
 TAAGAACTAAGAACATACCTAAGACCATAACGGCAGACAAAGTAGCAGGGCCGAGACTAGAGTTTCAGGACC  
 TCTGACTCCCAGAGTGTCCCGGGAGCCAGGTAATGCTCCCTGGAGGTGCAATAGGGTTGGGCAGGGGAG  
 ACCAGAAGTGCTTACAGGGAGAGAGGACTTGGAGGTGATTTTGCAGGAGGTGAGGGATGTGAATTGCCTG  
 AATGGCGGAGGCTGTTTTGTTTCATGCTGAGACACCGGGGTGAAGGTATGTGCACTCAGTTATAAAGAAAG  
 GCTGCCAAAGGCAAGCGGGGAGGAAAGTGACATGTTGAAGAGGTCTTCAGTGGTCAAAGAAATTTGATA  
 TCAGAAGGGTCAAGAATCGAAAGTTCTAGAACGGAGATTCTAGATAGACAGAGTAAGACCCGTTCTGG  
 AGAGTATGACCTAGATAATCATTACCACCCAGCCAGGCTGGGATCTTTTAAGCCTTTCACTTACCCAAAC  
 CTGGCACCATGGCTCATTTCTCAGAGTGTGAAAGTTCTAAATGTAATGAATGTCTTTTTTGTAACTTA  
 AAAAAATTTTTTTCTGTTAAAAAAGTCAAAATAAATTAACCTTTGCCCC

>GBCA0123 |Acc|AF354267|Ver|AF354267.1 GI:17066529|Canis familiaris immunoglobulin gamma heavy chain D mRNA, complete cds.

CCAGGTGACCCCATTCAGTGCTCAGGACACAACACAGACAAACCACCATGGAGTCTGTGCTCTGCTGGGT  
 TTCTCTGTCTCTATTTTAAAGGTGTCCAGGGTGAGGTGCAACTGGTGAGTCTGGGGGAGACCTGGTG  
 AAGCCTGGGGGGTCTTGGAGACTGTCTGTGTGGCCTCTGGATTACCTTCAGTGACTATGGCATGAGTT  
 GGTCCGTGCTCTCAGGGGAAGGGGCTGCAGTGGGTGCGAGCTGTTAGCAATCGTGGAGATACTTACTA  
 CGCAGACGCTGTGAAGGGCCGATTACCATCTCCAGAGACAACGCCAAGAACACGCTGTATCTCCAGATG  
 AGCAGCCTGAAAGCCGAGGACCGGCAATCTATCAGTGTGTGACGGGAGTATGGCCGCGACATTATTATG  
 GTATGGACCACTGGGGCAATGGCACCTCACTCTTCTGTCTCAGCCTCCACCACGGCCCCCTCGGTTTT  
 CCCACTGGCCCCCAGCTGCGGGTCCACTTCCGGCTCCACGGTGGCCCTGGCCTGCCTGGTGTGAGGCTAC  
 TTCCCCGAGCCTGTAAGTGTGTCTTGGAAATTCGGGCTCCTTGACCAGCGGTGTGCACACCTTCCCGTCCG  
 TCCTGCAGTCTCAGGGCTCTACTCCCTCAGCAGCAGGTGACAGTGCCCTCCAGCAGGTGGCCCCAGCGA  
 GACCTTCACCTGCAACGTGGTCCACCCGGCCAGCAACACTAAAGTAGACAAGCCAGTGCCCCAAGAGTCC  
 ACCTGCAAGTGTATATCCCCATGCCAGTCCCTGAATCACTGGGAGGGCCTTCGGTCTTCATCTTTCCCC  
 CGAAACCAAGGACATCCTCAGGATTACCCGAACACCCGAGATCACCTGTGTGGTGTAGATCTGGGCCG  
 TGAGGACCCTGAGGTGCAGATCAGCTGGTTCGTGGATGGTAAGGAGGTGCACACAGCCAAGACGACGCT  
 CGTGAGCAGCAGTTCAACAGCACCTACCGTGTGGTCAAGCTCCTCCCCATTGAGCACCAGGACTGGCTCA  
 CCGGAAAGGAGTTCAAGTGCAGAGTCAACACATAGGCCTCCCGTCCCCCATCGAGAGGACTATCTCCAA  
 AGCCAGAGGGGCAAGCCCATCAGCCAGTGTGTATGTCTGCCACCATCCCCAAGGAGTTGTGATCCAGT  
 GACACGGTCAACCTGACCTGCTGATCAAGACTTCTCCACCTGAGATTGATGTGGAGTGGCAGAGCA  
 ATGGACAGCCGGAGCCGAGAGCAAGTACCACACCTGCTGCGCCCCAGCTGGACGAGGACGGGTCCTACTT  
 CCTGTACAGCAAGTCTCTGTGGACAAGAGCCGCTGGCAGCAGGGAGACACCTTCACATGTGCGGTGATG  
 CATGAAGCTCTACAGAACCCTACACAGATCTATCCCTCTCCATTCTCCGGGTAAATGA

>GBCA0124 |Acc|AF354266|Ver|AF354266.1 GI:17066527|Canis familiaris immunoglobulin gamma heavy chain C mRNA, complete cds.

AAGTGCTCAGGCACAACACAGACAAACACCATGGAGTCTGTGCTCTACTGGGTTTTCTTGTGCTATTT  
 TTAAAGGGTGTCCAGGGTGACGTGCAGTGGTGGAGTCTGGGGGAGACCTGGTGAAGCCTGGGGGGTCCCT  
 TGAGACTGTCTGTGTGGCCTCTGGATTACCTTTAGTAGCTGTGCCATGAGCTGGGTCCGTGAGTCTCC

AGGGAAGGGGCTCAGTGGGTGCGCAACTATTCGGTATGATGGAAGTGATATATACTACGCAGACGCTGTG  
AAGGGCCGATTTCAGCATCTCCAGAGACAACGCCAAGAACACGGTGTATCTGCAGATGAACAGCCTGAGAG  
CCGAGGACACGGCCGTGTATTATTGTGCGAAGGCCCCCCCCCTACGATAGTTACCACTATGGTATGGACTA  
TTGGGGTCTCTGGCACTTCCCTCTTCGTGTCTGCAGCCTCCACCACGGCCCCCTCGGTTTTCCCACTGGCC  
CCCAGCTGTGGGTCCCAATCCGGCTCCACGGTGGCCCTGGCCTGCCTGGTGTGAGGCTACATCCCCGAGC  
CTGTAACGTGTCTCTGGAATTCCTGTCTCTTGACCAGCGGTGTGCACACCTTCCCGTCCGTCTGCAGTC  
CTCAGGGCTCTACTCCCTCAGCAGCATGGTGACAGTGCCCTCCAGCAGGTGGCCCAGCGAGACCTTCACC  
TGCAATGTGGCCACCCGGCCACCAACACTAAAGTAGACAAGCCAGTGGCCAAAGAATGCGAGTGCAAGT  
GTAACGTGTAACTGCCCATGCCAGGTTGTGGCCTGCTGGGAGGGCCTTCGGTCTTCATCTTTCCCCC  
AAAACCCAGGACATCTCTGTGACTGCCCGGACACCCACAGTCACTTGTGTGGTGGTGGATCTGGACCCA  
GAAACCCCTGAGGTGCAGATCAGCTGGTTCTGTGGATAGTAAGCAGGTGCAACAGCCAACACGCAGCCTC  
GTGAGGAGCAGTCCAATGGCACCTACCGTGTGGTCACTGTCTCTCCCATTTGGGCACCAGGACTGGCTTTC  
AGGGAAGCAGTTCAGGTGCAAGTCAACAACAAAGCCCTCCCATCCCCATTTAGGAGATCATCTCCAAG  
ACCCAGGGCAGGCCCATCAGCCTAATGTGTATGTCTGCGCCATCGCGGGATGAGATGAGCAAGAATA  
CGGTACCCCTGACCTGTCTGGTCAAAGACTTCTTCCACCTGAGATTGATGTGGAGTGGCAGAGCAATGG  
ACAGCAGGAGCCTGAGAGCAAGTACCGCATGACCCCGCCCCAGCTGGATGAAGATGGGTCTACTTCCCTA  
TACAGCAAGCTCTCCGTGGACAAGAGCCGCTGGCAGCGGGGAGACACCTTCATATGTGCGGTGATGCATG  
AAGCTCTACACAACCACTACACACAGATATCCCTCTCCCATTTCTCCGGGTAAATGA  
>GBCA0125 |Acc|AF354265|Ver|AF354265.1 GI:17066525|Canis familiaris immunoglobulin gamma  
heavy chain B mRNA, complete cds.  
AGTGCTCAGGACACCACACAGACAATCACCATGGAGTCTGTGCTCTTCTGGGTTTTCTTGTCACTATT  
TTAAAGGTGTCCAGGGTGAGGTACGTTTGGTGGAGTCTGGAGGAACCTGGTGAAGCCTGGGGGGTCCC  
TGAACTCTCTTGTGTGGCTCTGGATTACCTTCAGAAGATACTCCATGGACTGGGTCCGCCAGGCTCC  
AGGCAAGAGCCTGCAGTGGGTGCGCGGGATTAACGGTGTATGGCACAGGAACATCCTATTACAGACTGTG  
AAGGGCCGATTTCACCATCTCCAGAGACAACGCCAAGAACACCTCTATCTGCAGATAAACAGCCTGAGAG  
CCGAAGACTCTGCTGTGTATTATTGTGCCAAGAGCTGGTCTCGTAATGGGGATCTTGACTACTGGGGCCA  
GGGAACCCCTGGTCACCGTCTCTCCAGCCTCCACCACGGCCCCCTCGGTTTTCCCACTGGCCCCCAGCTGC  
GGGTCCACTTCCGGCTCCACGGTGGCCCTGGCCTGCCTGGTGTGAGGCTACTTCCCCGAGCCTGTAACGTG  
TGTCTCTGGAATTCGGCTCCTTGACCAGCGGTGTGCACACCTTCCCGTCCGTCTGCAGTCTCAGGGCT  
CTACTCCCTCAGCAGCATGGTGACAGTGCCCTCCAGCAGGTGGCCCAGCGAGACCTTCACCTGCAACGTG  
GCCCACCCGGCCAGCAAACTAAAGTAGACAAGCCAGTGCACCAAGAGAGAAAATGGAAGAGTTCTCTCGCC  
CACCTGATTGTCCCAAAATGCCAGCCCCGAAATGCTGGGAGGGCCTTCGGTCTTCATCTTTCCCCCGAA  
ACCCAAGGACACCTCTTGATTGCCGAACACCTGAGGTACATGTGTGGTGGTGGATCTGGACCCAGAA  
GACCTGAGGTGCAGATCAGCTGGTTCTGTGGACGGTAAGCAGATGCAACAGCCAAGACTCAGCCTCGTG  
AGGAGCTCTGCTACATGCGCCTACCGTGTGGTCACTGTCTTCCCATTTGGGCACCAGGACTGGCTCAGGG  
GAAGCAGTTACGTGCAAACTCAACAACAAAGCCCTCCCATCCCCGATCGAGAGGACCATCTCCAAGGCC  
AGAGGGCAAGCCATCAGCCAGTGTGTATGTCTGCGCCATCCCGGGAGGAGTTGAGCAAGAACACAG  
TCAGCTTGACATGCCGTGATCAAAGACTTCTTCCACCTGACATTGATGTGGAGTGGCAGAGCAATGGACA  
GCAGGAGCCTGAGAGCAAGTACCGCAGACCCCGCCCCAGCTGGACGAGGACGGGTCTACTTCTCTGTAC  
AGCAAGCTCTCTGTGGACAAGAGCCGCTGGCAGCGGGGAGACACCTTCATATGTGCGGTGATGCATGAAG  
CTCTACACAACCACTACACACAGGAATCCCTCTCCCATTTCTCCGGGTAAATGA  
>GBCA0126 |Acc|AF354264|Ver|AF354264.1 GI:17066523|Canis familiaris immunoglobulin gamma  
heavy chain A mRNA, complete cds.  
GGCAGGAGCCAGCCCCAGGATCCCCAGGTGACCCCATTCAGTGCTCAGGACACAACACAGACACCACCA  
TGGAGTCTGTGTTCTGCTGGGTTTTCTTGTCTGTTATTTTAAAGGTGTCCAGGGTGAGGTGCAGTTGGT  
GGAGTCTGGGGGAGACCTGGTGAAGCCTGGGGGGTCCCTGAGACTCTCTGTGTGGCCTCTGGATTACAC  
TTCAGTTCTGCTACTACATGGATTGGATCCGCCAGGCTCCAGGGAAGGGGCTTCAGCGGTCGCACATTATTA  
GAGGTGATGGAAGGACTACACACTACGCAGACGCTATGAAGGGCCGATTACCATCTCCAGAGACAACGC  
CAAGAACACGCTGTATCTGCAGATGAATAGCCTGACAGTCAAGACACGGCTATTTATTACTGTGTAAAG  
GACATATACTATGGGGTTCGGGGACTATTGGGGCCAGGGAACCTTGGTCAACGCTCTCTCAGCCTCCACCA  
CGGCCCCCTCGGTTTTCCCACTGGCCCCAGCTGCGGGTCCACTTCCGGCTCCACGGTGGCCCTGCGCCTG  
CCTGGTGTGAGGCTACTTCCCCGAGCCTGTAACGTGTCTCTGGAATTCGGGCTCCTTGACCAGCGGTGTG  
CACACCTTCCCGTCCGTCTCTCAGTCTCTCAGGCTTCACTCCCTCAGCAGCATGGTGACAGTGCCCTCCA  
GCAGGTGGCCAGCGAGACCTTCACCTGCAACGTGGTCCACCCAGCCAGCAACACTAAAGTAGACAAGCC  
AGTGTTCATTAATGAATGCAGATGCATGATACACCCCGTCCAGTCCCTGAACCTCTGGGAGGGCCTTCG  
GTCTCATCTTTCCCCCGAAACCAAGGACATCTCAGGATTACCCGAACACCCGAGGTACCTGTGTGG  
TGTAGATCTGGGCGTGAGGACCTGAGGTGCAGATCAGCTGGTTCGTGGATGGTAAGGAGGTGCACAC

AGCCAAGACCCAGTCTCGTGAGCAGCAGTTCAACGGCACCTACCGTGTGGTCAGCGTCCTCCCCATTGAG  
CACCAGGACTGGCTCACAGGGAAGGAGTTCAAGTGCAGAGTCAACCACATAGACCTCCCGTCTCCCATCG  
AGAGGACCATCTCTAAGGCCAGAGGGAGGGCCATAAGCCAGTGTGTATGTCCTGCCGCCATCCCCAAA  
GGAGTTGTCTATCCAGTGACACAGTCAGCATCACCTGCCTGATAAAAGACTTCTACCCACCTGACATTGAT  
GTGGAGTGGCAGAGCAATGGACAGCAGGAGCCCGAGAGGAAGCACCCGATGACCCCGCCCCAGCTGGACG  
AGGACGGGTCTTACTTCTGTAGCAAGCTCTCTGTGGACAAGAGCCGCTGGCAGCAGGGAGACCCCTT  
CACATGTGCGGTGATGCATGAAACTCTACAGAACCCTACACAGATCTATCCCTCTCCCATCTCCGGGT  
AAATGAGCAACACGCCCCGACCCAGCAAGCCCCCACCCTTGGCTCTCAGGATCCCCTGAGGACACCTG  
AGCCCTGTCCCTGTGTACATAACCTTGGGTAGGCACCCATCATGAAATAAAGCACCCAGCACTGCCCTG  
GGCCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0127 |Acc|AF038862|Ver|AF038862.1 GI:4090989|Canis familiaris transducin gamma  
subunit (GNMT2) mRNA, complete cds.  
GTCTTAGAATTACTAAAGTTGGGCACTTGGCAGGCCCTTCTGATAATCCTGTCTGATGATGTTGATATC  
AGTAACATAAT  
CATTATTTTCTGAGGACTTACAAAAAATCACAAGCTGCAGAACTCCTGTCTGGGAGCAGGTCTCTGGG  
ACAGGATGGCCCAGGAGCTCAGCGAGAAGGAGCTACTGAAGATGGAGGTGGAACAGCTGAAGAAGGAAGT  
GAAGAACCCAAAGAGCTCTGATTTCCAAGACAGGAAAGGAAATCAAGGATTATGTGGAGGCTGAAGCAGGA  
AACGACCCCTCTCCTCAAAGGCATCCCTGAAGACAAGAATCCCTTCAAGGAAAAAGGTGGTTGTATGATAA  
GCTGATGGCCCTGGAGCCCTCCCCCGGACATCTGTCCCTGCTCAGCCCCCTGCTCTGCACCAGGAAC  
CGAGCTTCCCGGGGACACCCAGGGACCCAGGGAAATCATCCCTTCTTTCAGCCACAGCCATGGCATGAGT  
AGACCCCTGGCCCATGCCCTGGGATCCACTCCCACTCCTACCTTCGGCTCTCCTCTACTCCACCTGCTG  
GGTCACCACTGGCCCCACTCAGAGGACAGCTTCCCTGCCTCAGCAGCTGGCACCTTGAGTGGTGGGATTC  
AAAGAGCCCCGAGACCCAGATGGCAATCCTTAGAGACATTTACTCCTCCCGAAGCTGGGCCATTCTTT  
CCCTCTGCACTCTTCTTAGGACCCAGTCTCTTATTCAGAATAGTTTGGGTGAGGCCCAGAGTTGGGGGG  
TCCTTTTGTCCCTCATCTGCAGGTCCAATCCTGTGGTCACTCTTAAAGTCACTTAGATCACCACAGAGG  
GCCCTGAGGCAAAAGAGTATATAAGTCACAATGTCAATGATTGATTTAATATATATGAGAGTGTCTGTTCTT  
GCTGGGTACTAGGACGAGAAGAGTGGCAACACAAACATGGCTCGTGTATATTGTTTAGCAGAGAAAAAT  
ATGGAGCAAAATAAGTGCCACTCTCTGGAGAGGACCATCCAGGTGGTGTGGAGCCTGGGGCGAGGTCCCT  
GTGAATTGCTGCAGGCCAGTGGGCCATGGGGTGGAACTAGGCAGACAGAGGCCCAAGAGGAAGATGGAAT  
GAAGACTTAAAGCACCCAGTGAAGCTCAGCTAAGGACTCTGTTCTGCACCTGGTTGCAAGGGGAAGCCTAGG  
AGGGGGTGAAGCAGCCAAGGGACAGACGGGATTTGACCAGCGGGAGGGAGGCCAGATCCTGCTAAGGAGG  
GCGTGGTTTCTGGGCCCTTGTAGCAAGCAGATTATAGTCTTACAGAACCCTCAGAAGTGATGTGGGAGCA  
GAAGGCAAGCTAAGGACAAGCACTAGCTGACACCCCACTCAGGTGGGATGTGTGTGACATTCTCT  
CAGGCACCTCCTGCTGCCCTGACCTAAGGATGAGGAAACCAATTTGTTAATTTATAGAGTTTACAGCTCC  
TGCAAGACAAAATGTCTTAGTGATTTACCAGGGGAAAAATAACCCCTTCTGGAAGTTAGGTTATTGATAAC  
CTAAGTCCAGAAAGGAACTCCCACTGTCTTACTGTTAATGCTTCTCTAGAGGGAAAAACCATCTGAAC  
TTGATGATGGCAAGGCGTCTAGTATCTTGTAGGCCCTCTTACAGTACAAAAATCTTTTGAACCTCC  
CTTTTCTCTTACCCCGAGTCCCAAGTATATAATCTGTACCTTTTACGACCCCTGAAAGTTGGGCACCT  
GGCAGCTCTTTCTGCCTACGGGTCTGTCCCGTGTGTTGAATAAAACCATTTTGCACCAAAAAAAAAAAAA  
AAAAA  
>GBCA0128 |Acc|AB073983|Ver|AB073983.1 GI:16874533|Canis familiaris mRNA for Bcl-xL,  
complete cds.  
GGGGGGGGGGGGGAGCAGTGTCCGTGGGGGTGACTTTCTGAGGAAGGCGTTTCAGAGAAAAGGGGGTGG  
TGAGGTACAAAAAAAAAAAAAAAAAAGCCGGTGTGGTGATTCAAAAAGAGCCACGCGGTGCTTTCAATT  
TGACTTCATTGAAGTCTTTTGGACGCTAGACCCAGACCTTCTAAGAACCACAAAGAAACAGTTCTGGT  
ACCTGGAAGGGGAATGGAATGTGTAGGTTAAATCGAATGCATATTAATTTTCTTCCCGAAGCTCTT  
TCTCTCCCATCAGAACCCTTATCTGGCTTTGGATCTCAGAAGAGAACCCTAAGCAGAGACCAGACTCAG  
TGAGTGAGCAGGTGTTTTGGACAATGGACTGGTCGAGCCCATCCCTATTATAAAAATGTCTCAGAGCAAC  
CGGGAGCTGGTGGTTGACTTTCTCTCTACAAGCTTCCAGAAAGGATACAGCTGGAGTCAGTTTAGTG  
ATGTGAGAGAGAACAGAACTGAAGCCCGAGAGGGGACTGAATCAGAGATGGAGACCCCGAGTGCATCAA  
TGGCAACCCATCCTGGCACTTGGCAGACAGCCCTGCGGTGAATGGAGCCACTGGCCACAGCAGCAGCTTG  
GATGCCCGGGAGGTGATCCCATGGCAGCGGTGAACAAGCGCTGAGGGAGGCTGGGGATGAGTTTGAAC  
TGAGGTACCGGCGGGCATTCACTGACCTGACATCCAGCTTACATCACCCAGGGACAGCATATCAGAG  
CTTTGAGCAGGTAGTGAATGAACCTCTTCCGGGATGGGGTGAACCTGGGGTGCATTTGTGGCCTTTTCTCC  
TTCCGTGGGGCACTGTGCGTGGAGAGCGTAGACAAGGAGATGCAGGTATTGGTGAGTCCGATCGCAGCTT  
GGATGGCCACTTACCTGAATGACCACCTAGAGCCTTGATCCAGGAGAACGGCGGCTGGGATACCTTTGT  
GGAATCTACGGGAACAATGCAGCAGCCGAGAGCCGGAAGGGCCAGGAGCGCTTCAACCGCTGGTTCTTG

1229

GTTGGGGTGGCCACGTTTTACAATCGCAAAGATGGAAAACCCCTTGATGAAATGGATGAGACCCTCATGG  
 AGTCTTTGGCTCAATTCTGGGCTGGTCCGTCTTAAATCCTGATACTTACGAGTCAATGAACAGACTTGA  
 AAACAGGAAGGATATTTTCCAGGACATGGTAAAATACCACGTGAAGTGTGACAATGAAGAGATCCAGAAA  
 ATCCTGAAAACCAGAGAGGTGTATGGGAAGGAGCCGTGGGAGTGCAGGAAGAGGAACCTCGCTGAGATCC  
 TGCAAGGAGAGCTGCCAGATGCAGAGAAAATATGAAATCAATAAATTCACCTTCAGCGACTTGCCCCCTGAC  
 CGAAGTGGAGCTGGTAAATGTGGGATACAGATGTACTATGAGCTCAAAGTGGTGGATAAATTTACATT  
 CCTCAGGAGGCCCTGGTGCGCTTCATGTACTCGCTGAGCAAGGGCTACCGCAGGATCACCTACCACAAC  
 GGCGGCACGGCTTCAACGTGGGGCAGACCATGTTCTCCTTGCTGGTGACCGGAAAGCTGAAGCGATACTT  
 CACAGACCTAGAGGCCCTTGGCCATGGTCACCGCTGCCTTCTGCCATGACATTGACCACAGAGGCACCAAC  
 AATCTCTACCAGATGAAGTCCCAGAACCCACTGGCCAAGCTCCATGGGTCTCCATCTTGGAAGACACC  
 ACTTGGAGTTTCGGCAAAACGTTGCTGCGAGATGAGAGCCTGAATATCTTTCAAACCTCAATCGCAGGCA  
 GCACGAGCAGCCATCCCATGATGGACATAGCAATCATTGCCACAGACCTCGCCCTGTATTTCAAGAAG  
 AGGACAATGTTCCAAAAGATCGTGGATCAGTCTAAAACATATGAAACTCAGCAGGAGTGGACACAGTACA  
 TGATCTGGACGAGACAGCAAGGAAATTTGTTATGGCCATGATGATGACCGCCTGTGATCTCTCAGCCAT  
 CACCAAGCCCTGGGAGGTGCAGAGTAAGGTAGCTCTACTGGTTGCTGCCGAATTCCTGGGAACAAGGTGAC  
 CTGGAGCGCACAGTGTGCGAGCAGAATCCCATTTCCCATGATGGACAGGAACAAGGCAGATGAACCTCCCA  
 AGCTTCAAGTGGGCTTCATTGACTTTGTTTGACCTTTGTCTACAAGGAATTCCTCCCGTTTCCACGAGGA  
 GATCACTCCCATGGATGGGATCACCAACAACCGCAAGGAGTGAAGGCGCTCGCCGATGAGTACCAT  
 ACCAAGATGAAGGCCCTGGAGGAGGAGAAGCAGCAGACAGCCAAGCAAGGGGCGCGCAGGAGATC  
 AGCCGGGGGGCAACCCAGCCCGGGCGGGGGCGCACCTGCATCCAAGTCTGCTGCATCCAGTAACGCTG  
 CCTGGCATCAGCTGCACCGAATGGTACCACCTTCTCTGGAAGAGACCACCCAAGCCAGCAGAAAACCAA  
 AACCTGCTTGTGAAGTAAATAGTAATCGGATTTGAAAGCTGGGAGAGAATTTAGCTTACTTTTACTA  
 GTGGTTTTTGAACATTTTTTCAGTTTTTGAATACTTTTTACTGAGCTAAAACCAACATTTCTAGCTTTAATA  
 GACATCAATTAACATTTAATTAAGGCCAAGTTCATCTGCTTGTAGAAATCATTTTCACTCTTATACTT  
 CCATTTTATGATTTCTTATAACAATTGTCTAGCATCCTCAAAGTAGAGAATTGTTCAAGTGAATCCCTCC  
 TCCTCATCACCCAGATCCCAATATCAGGGTTTTGCCCCATTGCTTCATCCATTCTTTTACATTTCTTTT  
 GCATTTTTTTCTTAGCTGAAGTGAAGTATTTTCTTTATTAAATTGATGGTCTTTTTTCTTTTTTTA  
 >GBCA0131 |Acc|AF177470|Ver|AF177470.1 GI:9957241|Canis familiaris progesterone receptor  
 (PR) mRNA, complete cds.  
 GAATTCCACCTGCTTTGTCTTCCCCGCGGCTTCCAGCTTCTATATTGCCACACCCCTCCTCCCTGCC  
 CGTCCCTCCTCCCCGAGACGGGGGAGGAGGAGAGGGGAGTCCCGGTCGTCATGACGGAGCGGACGGGA  
 AAGGATGCCCGGGCTCCCCACGTGGCGGGAGGCGCGCCCTCCCCCGCGCGGCCGAGAGCCCGAGTCCC  
 GACGTCGAGACGGCGGCCGCTCCGGGCGAGTCAGACCTCGGACGCCCCGCGGGTCCGCGCAGCCGCGAGC  
 CGACGCCGAGCCGAGCCTCAGCCGCGCCCTCCGCGCCCTCGGACCGGCTGCTCTTCTCCGGCGCGGC  
 CAGGGCGCGGACCTTGGCGGAAGGCGCAGGACGCGCAGCCGCGGCCGAGACGTGGCCCGGGCGGATCCGA  
 GACTCGAAGCCGCGAGCGGGGCGGGAGCCGACAGCCCCGGGCCCCCGGCCAGGACCGAGGGCCGCTGCA  
 CGCGCTCCGAGCACAGCGCTGCGCCCCGCGCGCCCGGGGAGGGCCGCGAGCTCTCCGGCTGGGAGCCC  
 CCATGCCCGCGGTGATCTGCCCCGAGCCGCGCCGGAAGATCCCGGGGCGCCGCGAGCAGCCAGGGCG  
 CGCGCTGCCCGCTCATGAGCCGGCCGAGGGCAAGGCTGGCGACGGCTGCGGGACGGCAGGTGCCACAA  
 GGGGCCGCCCCAGGGGCTGTCCCGTCCCGGACGCGCTGCCCTGTGCCCGGGGCCCCAGCCTGGCCC  
 GGGGCCGCGGGGAAAGCCGACAGCCCGCTGCGCTGGGCGTGGAGGACGAGGGCGGCTTCGCGGGCCG  
 AGGGCTCCCCGGGCCGCTCTCAAGGGCAAGCCCCGGCCCCGCGGGCCCCGCGGCCGAGCCGCGC  
 CGTCCCGCTGCGCCGGGGACGGCCCCCGGGGGCACCGCCCCGCTCCCCAAGGAGGACTCCCGCCTCCCC  
 GCGCCCAAGGGCTCCCTGGCCGAGCAGGACGCGCGCGCCGCGGCTGCTCCCCGCTGGCCACCACGATGA  
 TGGACTTTATCACGTGCCCATTTCTGCCCTCGGCTCGGCCTTCTTGGCGGCGCGCACCCGCGAGCTGCT  
 GGAAGCGGAGACCTACGAGCGCGGCCCTTCCGTCGCGCGGGGCTCGCCCTCCGCGCCCTGCGCCCCG  
 CTGGCGGCGCGCGACTTCCCGACTGTGCGTACCCGTCGACGCGCGAGCCCAAGGACGACGCTTCCCGC  
 TCTACGGCGACTTCCAGCCGCGGGCCCTGAAGATCAAGGAGGAGGAGGAGGGCGCCGAGGCGGCTGCGCG  
 CTCCCCGCGGGCGTACCTGGCGGGCGGGGCTCACTCCTGCGTCTTCCGCGACGCGCCGCGCGCTGCGC  
 GCGTGGCCCCGCTCCCCCGCGAGCGCCGCTCGTCCAGGCCCGGGGAAGGCGCGCCGCGCGCGCGCGG  
 CCGCGGCTGCTCCGCTCGTGGCGCTCTCGCGGGGCCCGCCCTGGAGTGGTCTCTGTACAAGGGCGGA  
 GGGCGCGCGCGCCGCGCAGGGCCCCGTTCCGCGCGCGGCCCTGCAGGGTTCCGGGCGCGCGCGCTGCCTG  
 CTGCCCCGGGACGGCGCGGCCGCGCGCTGCGTGGCGGGGGCGCGGGGGCCAGCCCCGCGCTTACCAGC  
 CGCTCGGCTCGGCGCCCTTCCGCGAGCTCGGCTACAGGCGGGCTGCTCAAGGAGGGCTTGGCGAGGT  
 GTACAGCCGTAACCTCACTGAGGCTGATTCAGATGCCAGCCAGAGCCACAGTACAGCTTCCGAG  
 TCATTACCTCAGAAGATTTGTTAATCTGTGGGATGAAGCATCAGGCTGTATTATGGTGTCTTAACCTT  
 GTGGGAGCTGTAAGGTCTTCTTTAAAAGGGCAATGGAAGGGCAGCATAACTATTTATGTGCTGGAAGAAA

TGA CTG CATT GTT GATA AAAA TCCG CAGAAAAA ACTGCC CAGCAT GTCG CCTAGAAA AGTGCTGTCAGGCT  
 GGCATGGT CCTTGG AGGTCGAAAA TTTAAAAAGTTCAATAAAGTCAGAGTTATGAGA ACATTGGATGCTG  
 TTGCTCTCC CACAACCTGTGGGCATTCCAAATGAAAGCCAAGCTCTAAGCCAAAGAATATCTTTTTTACC  
 AAGTCAAGATATACAGTTAATTCCCCATTGATTAACCTGCTAATGAGCATTGAACCAGATGTGATCTAT  
 GCAGGACATGACAACACCAAACCTGATACCTCCAGTTCTTTGCTGACGAGTCTTAATCAACTAGGCGAGA  
 GACAACTTCTTTAGTAGTCAAGTGGTCTAAATCATTGCCAGGTTTTCGAAATTTACACATTGATGACCA  
 AATAACTCTCATCCAGTATCTTTGGATGAGCTTAATGGTGGTTTGGACTAGGATGGAGATCTTACAAACAT  
 GTCAGTGGGCAGATGCTATATTTGCACCTGATCTAATACTAAATGAACAGAGGATGAAGGAATCATCAT  
 TCTATTCATTATGCCTCACCATGTGGCAGATCCACAGGAGTTTGTCAAGCTTCAAGTTAGCCAGGAAGA  
 GTTCTGTGTATGAAAGTATTGCTACTTCTTAATAACAATTCTTTGGAAGGACTAAGAAGTCAAAACCAG  
 TTTGAAGAGATGAGATCAAGCTACATTAGAGAGCTCATCAAAGCAATTGGCTTGAGGCAAAAAGGAGTTG  
 TCTCTAGCTCACAGCGTTTCTACCAACTCAGAACTTCTTGATAACTTGCATGATCTTGTCAAACAGCT  
 TCATCTGTACTGCTTGAATACATTTATCCAGTCCCGGGCACTGAGTGTGAGTTTCCAGAAATGATGTCT  
 GAAGTTATTGCCGCACAGTTACCCAAGATCTTGGCAGGATGGTGAAACCTCTGCTCTTTTCATAAAAAGT  
 GAATGCCATTTTTATCTTTAACAATTAAATTTTGTGGTATGTCTGTTTCTCTTTTGGTCAGGATTGTGAG  
 GTCTTGGGATTTTACAATTTTCTTCTCAAAGCCTTACATTTATAACATATCACATTGTGTAAATTTTCTGAG  
 AAAAAATGTGAAGTTTGTCTTCTGTATAATGCATAATTAGAATTTTAAAGGTGTTTCTGTGTGCCCATAT  
 ATCTTTTAAACAGTTTACAAGATTAAAAAAGTACTAAAATTGTTTGCCAAAGTAACTTAGTCTTTTCCAT  
 GCTATTTTCATATTTAAGTGAAGATTTTAACTTTTGCATCTAACCATCTTCTACTCTAGAGGAAAA  
 AAAATCTTATATGTAAAAATAAAAAGTTATTTTATGTTTCTCTCTAGGT  
 >GBCA0132 |Acc|AF314533|Ver|AF314533.1 GI:16151870|Canis familiaris interleukin 13  
 receptor alpha chain 2 (IL13Ra2) mRNA, complete cds.  
 GGCACGAGGCTGAGTTTGTGTGCTTTGATTATCAGACAGGAAGGAAGTCTTAGAGATTCTAATTAATGTC  
 TCCAAACTGGAGAAGAGAAAAAAGAGGACCTGTGATAATTGCCTATGATAATTCATTTCTTGAGAAAC  
 CATATTATTGAGTGGAACTTCAAAGTATTGAATCTTGGAGGAATGGCTTTCATTCATTTGGATGTCGGA  
 TTCTCTATACCTGCTTGTGTCACAGCATTGGCTCTATGCTTTCAATGCTGAGATAAAAGTTAATC  
 CTCCTCAGGATTTTGGATAGTGGACCTGGATATTTAGGTTATCTCTCTTTGCAATGGCAACCTCCATT  
 ATTTCCGGATAATTTTAAGGAATGCACAATAGAATATGAATTAATAACCGAAACATTGATAGTGAAC  
 TGGAAGACCATCATTAACCAAGATCTACATTACAAAGATGGGTTTGATCTTAACAAAGGTATTGAAGCAA  
 AGATAAACACACTTCTGCCAGCACAATGCACAAATGGATCAGAAGTTAGAAGTTTCATGGGCAGAACTAC  
 TTATTTGGACATCACCACAAGGAAATCGGGAACCTAAAATTCAGATATGGACTGTGTATATTACAACCTGG  
 CAATATTTAGTCTGCTCTTGGAAACCTGGCATGGGTGTCCATTTTGATACCAATTACCAGTTGTTTACT  
 GGTATGAGGGCTTGGACCATTCAGCAGAGTGTACTGATTACATCAAGGTTAATGGAAAAAATATGGGATG  
 CAGGTTTCCCTATTTGGAGTCTATCAGACTATAAGATTCTACATCTGTGTTAATGGGTCATCAGAATCC  
 CAGCCTATCAGACCCGATTTTATTTTTCAGCTTCAAAATATAGTTAAACCTATGCCACCAGACTACC  
 TTAGTCTTACTGTGAAGAATTCAGAGGAAATTAACCTGAAATGGAACATGCCTAAAGGACCCATTCCAGC  
 CAAATGTTTCATTTATGAAATTGAATTCACAGAGGATGGTACTACTTGGGTGACTACCACAGTTGAGAAT  
 GAGATACAAATCACAAGAACATCAAATGAAAGCCAAAAATTATGCTTTTTTGGTAAGAAGTAAAGTGAATA  
 TTTATTGCTCAGATGGAATCTGGAGTGAGTGAGTGATGAACAATGCTGGAAAGGTGACATATGGAA  
 GGAAACCTTAGTATTTTCTTGATACCATTTGCTTTTGTCTCAATATTTGTTTGGTAATAACTTGCCTG  
 CTTTTGTATAAGCAAAGGGCTTTACTGAAAACGATCTTTCATACAAAAAAGAGTCTTTTCTCATCAAG  
 ACACATTCTGTTGACTCAGTAACTTTAGTCTTATGGCCAGATGTTAAATATGAGTCTTATTAACTGAA  
 GCTTTTCTCAAATATTGAATAAATCTTATTTTAAAAANGAAAAA  
 >GBCA0133 |Acc|AF314532|Ver|AF314532.1 GI:16151868|Canis familiaris interleukin 13  
 receptor alpha chain 1 (IL13Ra1) mRNA, partial cds.  
 GGCGGGGTCGCGCACCACCGAACTCAGCCACCTGTGACGAATTTGAGTGTCTTCTGTTGAAAACCTCT  
 GCACGGTCATATGGACATGGAAACCTCCCGAGGGAGCCAGCCGAATTCACCTTACGGTATTTTACTCA  
 TTTTGACAACAAAACAGGATAAGAAAATTGCTCCTGAAACTCATCGTTCAAAGAAGTACCCCTGAATGAG  
 AGGATTTGTCTGCAAGTGGGGTCCAGTGCAGCACCATGAAAGTGACAATCCTAGCATTTTGGTGGAAA  
 AGTGACCCCCACACCTGAAGGTGATCCTGAGTGGCTGTGACTGAGCTACAATGTGTTTGGCACAACCT  
 GAGTACATGAAGTGACTTGGCTTCTGGAAAGGAATACAAGCCCTGACACCACTATACTCTTACTAT  
 TGGCACAGCAGCCTGGGAAAAATCTTCAATGCGAAGACATCTATAGAGAAGGTCAACACATTGGTTGTT  
 CCTTTGCTCTGACTAATTTGAAGGATTCCAGTTTTGAAACAACACAGTGTCCAAATAATGGTCAAGGATAA  
 TGCAAGAAAAATAGACCGTCTTCAATATAGTGCCTTAACTTCTCATGTGAAACCTGATCCCCCAT  
 ATTAAGCGTCTCTTCTTCCAAAATGGTAACCTTGATGTGCAATGGAAGAATCCACAAAATTTTATAGCA  
 GATGCTTATCTTACCAAGTAGAAGTCAATAACAGCCAGACTGAGACGAATGATATATTCTACGTTGAAGA  
 AGCCAAATGTGAGAATTCAGAATTTGAGGGAAACCTGGAGGGTACAATTTGTTTCATGGTCCCCGGCGTT



CTTCCTGATACTTTGAACACAGTCAGAATAAGAGTCAGAACAATAAGTTATGCTATGAGGATGACAAAC  
TCTGGAGTAATTTGGAGTCAAGCGATGAGTATAGGTGAGAATACCGACCCACGTTCTATATAACCATGTT  
GCTCGCCACTCAAGTCATCGTTGCAGGTGCCATCATAATCCTTCTGCTTTATCTCAAAAGGCTCAAGATC  
ATTATATTTCCCTCCAATTCCTGATCCTGGCAAGATTTTTAAAGAAATGTTTGGAGACCAGAATGATGATA  
CGCTGCACTGGAGGAAGTACGACATCTATGAGAAGCAAAACAAAAGAAGAAACGGACTCAGTAGTGCTGAT  
TGAAAACCTGAAGAAAGCCTCTCAGTAATGGGGATAACTTATTTTAGCCTTCAGCATGACCTTGTAAGA  
TTCATCCCCACGTTCTCGGGAAGCTTCAAGGTCAAGCATCTTGGGAAAGGACATTACAGTTTCTACAGCA  
TGGTGTACCTGGGCATCTCCGACTACTTCTTCAACACAGCAGGGCTTGTGTACCAAGAGGCAGGGGCCCT  
AAACATGACCATCACGGACGACATGATACCAAGAAATCCAAATTCGACTGACAACCGATTTTTTGGGG  
ACCCTCATACCCCAAGTGGCCGAGATGTTCCCAACATGACGGTTCAATTCAACGTCTGGGCCTCCTCC  
CGCCGCA

>GBCA0134 |Acc|AF046874|Ver|AF046874.1 GI:3335400|Canis familiaris phosducin mRNA,  
complete cds.

AATTCGGCACGAGACAAGCTTCTCATCCACTGAACATAAGCAAGGATACCAGGCACAGAGAACCCTAACTA  
TTATATAAAATCAAATCCCTAAAATGGAAGAAGCCAAAACCAAAGTTTGGAGGAAGACTTTGAAGGACA  
GGCCACACATACAGGACCCAAAGGAGTAATAATGATTGGAGAAAGTTTAAATTAGAGAGTGAAGACAGT  
GATTCAGTTCCACCTAGTAAGAAGGAGATTCTCAGACAAATGTCTTCTCCTCAGAATAGAGATGACAAAG  
ACTCAAAGAAAGATTGAGCAGAAAGATGAGCATTCAAGAATATGAACTAATTACCGAGACAAAGAAGA  
TGAAAATTGCCCTTCGTAAATATCGTAGACAATGTATGCAGGATATGCACCAGAAGCTGAGTTTTGGGCCCT  
AGATATGGGTTTGTGTATGAGCTTGAGACTGGGGAGCAATCTTGGAAACCATTGAAAAGGAACAGAAAA  
TCACCACAATTGTTGTTACATTTTATGAAGATGGCGTTAAGGGCTGTGATGCTCTAAATAGTAGCTTTAC  
ATGTCTTGCAGCTGAATACCCCTATGGTCAAGTTCTGTAAAATAAAAGCTTCTAATACAGGTGCTGGGGAC  
CGCTTTTCTCCTCAGATGTGCTCCCCACACTGCTCATCTACAAAGGTGGGGAACCTCTAAGCAATTTTATTA  
GTGGTACTGAACAGTTTGCAGAAGAATTTTTGCTGGGGATGTGGAGTCTTCTCTAAATGAATATGGGTT  
ACTACCTGAAAGGGAGATACATGCCCTAGATCAGACCAACATGGAAGAAGATACTGAATAAAGAGTCACT  
ATGTCAAATCTTGTATTTCTCCTTTACAAATTGTACATTGATTTTGGTAGTATCCATATTCCTTTGGTGA  
ACACCAAGTATGGCCATGGCTATTTAATTTGCAGGGGATAAAAAGATTGATACTAAAATTATTTGATTC  
AGCATTTTTTAGTTACTTAAAGTGCATAGAGGCTTTACTACAAAATATTGTAGTCTTTAGCAACATGTTAG  
TAAGCAAAGAGGATATAAATAATATTGTGGCAGTTTTTCAAAAATTCCTTTCAAGTTATATGTTGACTTTT  
TTACTCCTTGTTTTGTTTTGTTTTTTTTTCCCCCTCAGTGGTGTTATTTGGGCTTTCCAAATTACATT  
ATCAATCATAATTTTGCTGTATGATAAAATAAAGTCTTAAGAGGATATACAAAAA

>GBCA0135 |Acc|AF331919|Ver|AF331919.1 GI:15919180|Canis familiaris interleukin-5 mRNA,  
complete cds.

CAAGGCAACACTGAACATTTTCAAGCTATGAGAATGCTTCTGAATTTGAGTTTGCTAGCTCTTGGGGCT  
GCCTATGTTTCTGCCTTTTGTCTGTAGAAAATCCCATGAATAGACTGGTGGCAGAGACCTTGACACTGCTCT  
CCACTCATCGAAGCTTGGCTGATAGGCGATGGGAACCTGATGATTCTTCTCTGAAAATAAAAATCAGCA  
ACTGTGCATTAAAGAAGTTTTTTCAGGGTATAGACACATTGAAGAACCAAACTGCCACGGGGAGGCTGTG  
GATAAACTATTCCAAAACCTTGTCTTTAATAAAAGAACACATAGAGCGCCAAAAAAGGTGTGCAGGAG  
AAAGATGGAGAGTGACAAAGTTCCTAGACTACCTGCAAGTATTTCTTGGTGTAAATAAACACCGAGTGGAC  
ACCGGAAAGTTGAGAACAAACCGGCTTATTGTAGTGGAGATTTTGGAGAAGAATGGTTTTTTGGCGATG  
AGAATGAGGGCCAAACCAAGTAGGGACTTAATGGCCAGTATACTAAGCTTCAGAGACAAAGTAAATAT  
TTCAGGCATCCTACTACTTTATCACTTCACACAGATGAAATATATTTGAG

>GBCA0136 |Acc|AF190740|Ver|AF190740.1 GI:15428283|Canis familiaris alpha-tocopherol  
transfer protein mRNA, partial cds.

CGCCGCTGCGGCTCACCAGCGCTTCTGCTGCGCTTCTGCGCGCCCGGACTTCGACCTGGAGCTGGC  
CTGGCGGTTGCTGAAAACTATTATAAGTGGAGAGCAGAATGTCCAGAAATAAGCGCAGATCTATGCTCC  
AGAAGTATTCTTGGTCTTCTGAAGGCTGGTTACCTTGGAGTCTGAGAGCCAGAGATCCCACTGGCAGCA  
AAGTTCTTATTTACAGAATTGCACAATGGGACCCAAAAGTTTTACAGCTTATGATGTTTTTCTGTAAAG  
TCTAATCACATCCAGACTTATTGTACAGGAGGTGAAACGCAACGGAATGGTATCAAGGCTGTCTTTGAT  
CTAGAAGGCTGGCAGTTTTCTCATGCTTTTCAAATTTACCCCATCTGTAGCCAGAAGATTGCTGCTGTTT  
TTACAGATTCTTCTCCATTAAAAAGTTTCGTGGTATCCATTTGATAAATGAGCCGATAATTTTCCATGCTGT  
CTTTTCCATGATTAAACCATTTCTGACTGAAAAAATTAAGGAACGGATTACATGCATGGGAACAAATTAC  
AAACAAAGCTTACTTCAGCATTTCCAGACTTCTCCTCTGGAATATGGTGGAGCTGAATTTCCATGG  
AGGACATTTGTGAGGAGTGGACAAATTTTATAATGAAGTCTGAAATTTATCTCAGCAGCATTTTCAGAT  
CAGCGAATGAGAAAAA

>GBCA0137 |Acc|U33843|Ver|U33843.1 GI:1000198|Canis familiaris interleukin-10 (IL-10)  
mRNA, complete cds.

CATGCATGGCTCAGCACTGCTCTGTTGCTGCCTGGTCCCTGGCCGGGGTGGGAGCCAGCCGACACCAG  
 AGCACCCCTACTTGAGGACGACTGCACCCACTTCCCAGCCAGCCTGCCCCACATGCTCCGAGAGCTCCGAG  
 CTGCCTTCGGGAGGGTGAAGATCTTCTTCAAATGAAGGACAAGCTGGACAACATACTGCTGACCGGGT  
 CCTGCTGGAGGACTTTAAGAGTTACCTGGGTTGCCAAGCCCTGTCGGAGATGATCCAGTTTTACTTGGAG  
 GAGGTGATGCCCCGGGCTGAGAACCACGACCCAGACATCAAGAACCACGTGAATCCCTGGGAGAGAAGC  
 TCAAGACCCCTCAGGCTGAGACTGAGGCTGCGACGCTGTCACCGATTTCTCCCTGTGAGAATAAGAGCAA  
 GCGGGTGGAGCAGGTGAAGAGCGCATTTAGTAAGCTCCAGGAGAAAGGTGTCTACAAAGCCATGAGTGAG  
 TTTGACATCTTCATCAACTACATAGAAACCTACATGACAATGAGGATGAAAATCTGAAACGTGCTGGAGA  
 ACAAACACCCAGGATGGCAACTCTTCTCGACTCTAGGACATGAATTGGAGATCTGCAAAATACCATCCC  
 GAGATGTAGGAGAGCCGACCAACTGCTTGGAGAACCCCGTCATACCTCTCTCTTAGAATATTTATTACTC  
 TGATACCTCAACTCCCATTTGTATTTATTTACTGAGCTTCTCTGTGAA  
 >GBCA0138 |Acc|AJ290948|Ver|AJ290948.1 GI:15149876|Canis familiaris mRNA for UDP-  
 glucuronosyltransferase (UGT1A6 gene).  
 ATGGCTCGCCTCCTTCATTTGTTTCAAAGGTGTTTCTTCCATATGCTCTGGGGGAGGCTGTAGGTGACA  
 AGCTTCTGGTGGTCCCTCAGGACGGAAGCCACTGGCTCAGTATGGAGAACATAGTTGAGCTCCTCAGTGA  
 GAAGGGGCATGACATTGTGGTGTCTGGTCCAGAAAGTCAATTTGCTTCTGAAGGAATCCAAACACTACACG  
 AGACAAATCTACTCAGTGCCATTTGGCCAGGAAGGGTGGAGAACCGCTACCGCTCTTTTGGAAAGAATC  
 ACTTTGCTGAGAGATTGGCTCCTGAACGCTGCTCAGATGGAGTACAGAAATAGCATGATTGTTATTGACAT  
 GTACTTCACCAACTGCCAGAGCCTTCTGGAGGACTCGGCCACGCTCAGTGTCTCAGGCAGAGCAAGTTC  
 GATGCCCTTTTTCACAGACCCAGCTCTGCCTGTGGGGTGTATCTGGCCGAGTACCTGGGCCTGCCCTCCG  
 TGTACCTCTTCAGGGGCTTCCCATGCTCCCTGGAGCATACTATCAGCAGGAGCCCAACCCCTGTGTCTTA  
 CATTTCCAGGTGCTATACTCAGTTCTCAGACAAGATGACATTTCCCCAACGGGTGGGCAGCTACCTCGTT  
 AATTACCTGGAGACCTACCTGTTCTACTGTCTGTATTCAAAGTACGAAGACCTTGCATCCAATATCCTCA  
 TGAGAGATGTGCATTACCCACCTTGTATCGGAACGGCTCCATTTGGCTGTTACGATATGACTTTGTGTT  
 TGAGTATCCCAGACCAGTCATGCCCAACATGGTTTTTCATTGGAGGGACCAACTGCAAGATGAAGGGAGTC  
 CTGCTCAGGAATTTGAAGCTATGTTAATGCTTCTGGAGAACATGGAATTGTGGTTTTCTCTTTGGGCT  
 CCATGGTATCAGATATTTCTGAGAAGAAAGCTATGGAGATTGCTGATGCTTTGGGCAAAATACCTCAGAC  
 GGTCTGTGGCGTTTACTGGCCTCCACCACCGAATCTTTCAAAGAATACAATACCTTGTCAAGTGGCTG  
 CCCCAGGAATGATCTGCTTGGTCACCCGAAGGCTCGCGCCTTTATCACACATTCTGGCTCCCATGGCATAT  
 ATGAGGGAATATGCAACGGCGTTTCCAATGGTGTGATGCTGCCCTTGTGTTGGTGTATCAGATGGACAATGCGAA  
 GCGCATGGAGACTCGGGGGGCTGGAGTGACCTTGAATGTCTTGGAAATGACTTCTGGAGATTTAGCAAAT  
 GCCCTAAAAGCTGTATCAATGACAAAAGCTATAAGGAGAACATCATGCACCTCTCCAGGCTGCACAAGG  
 ACCGCCCCATCGAGCCCCCTGGACCTGGCTGTGTTCTGGGTGGAGTTCGTCTATGAGGCACAAGGGGGCTCC  
 CCACCTGCGTCCCGCAGCCACGACCTCACCTGGTACAGTACCACTCTTTGGACGTATCGGCTCTCTC  
 CTGGCGGTGGTGTGGGGGTTGTCTTCACTACTTACAAATGTTGTGCTTTGGCTGCCGGAAGTGCTTTG  
 GGAAAAAGGACGGGTTAAGAAACCTCACAAATCCAAGGCACACTGA  
 >GBCA0139 |Acc|AF262219|Ver|AF262219.1 GI:10178634|Canis familiaris transglutaminase 1  
 mRNA, complete cds.  
 GCGTGATGGATGGTCTCGTTTCAATGATGTGGGCGCTGGGGCGGGAACCCCTGGCAGCCCCCTACCACACC  
 TTCGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGAGACGGTCTCGTGGAGGAGCCGTTCTTCTGGGCT  
 CGCTGCTGTGGCTGCTGCTCCTGCCGAAACAGGGCAGATGATGACTGGGGACCTGAGCCCCACCGAGACC  
 GAGGGTCTGGCTTGGGAGGCGAAGACCCGACTCCCGGGGCTCAGATTCCCGCCGGCTGGCTCCCGGGC  
 CAGCGGTGTGAACGAGCTGGAGATGGCACCATCCGAGAGGGCATGCTGGTGGTGACTGGTGTGGATCTG  
 CTGAGTTTCGCGGTGACAGCAGAAATCGCCGAGAGCACCACACAGATGAGTTTGAATACGATGAGTTGATTA  
 TACGCCGTGGGCAGCCTTTTACATGGTTCTGCACTTCTCTCGCCCCATGAATCCTCTGATCGCGTCGC  
 CCTGTGAGCTGCTTATTGGAAAACAACCTGAGGTGGGAAAGGGCACCCAGTGATCATCCAGTGGGCAAG  
 GGGGCGAGTGGAGGCTGGAAAGCCCAGGTGACCAAGGCCAGTGGGCAGAATCTGAACCTCCGAGTCCACA  
 CCTCCCCCAATGCCATCATCGGCAAGTTTTCAGTTCACTGTCCGCACACACTCAGAGGCTGGCGAGTTCCA  
 GCTGCCCTTTGACCCCCACAACGAGATCTACATCCTCTTAAATCCTTGGTGCCAGAGGACATCGTGTAC  
 GTGGACCATGAGGATGGGACAGGAGTACGTGCTTAAATGAGTCTGGGAGAATCTACTACGGGACTGAAG  
 CACAGATTGGTGAGCGGACCTGGAACATATGGGCGAGTTTGTATCATGGGGTGTGATGCTTGCCTGTACAT  
 TCTGGACCGGCGGGGATGCCATATGGAGGCCGTGGGGACCTGTGAGTGTCTCCCGGTCTCTCTGCC  
 ATGGTGAACCTCTTGGATGACAATGGGGTCTGATTTGGAACCTGGTCTGGTGATTACTCTCGAGGCACCA  
 ACCCTTCAGCGTGGGTGGGACGCTGGAGATCCTACTCAGTACCTCCGCACTGGCTATTCTGTCCCTTA  
 TGGCCAGTGTGGGTCTTCGCGGTGTGACCACCACAGTGTGCGTTGCCTGGGCCTGGCTACCCGCACT  
 GTCACCAACTTCAACTCGGCACATGACACAGACACATCCCTCACCATGGACATCTACTTTGACGAGAACA  
 TGAAGCCCCTGGAGCAGCTGAACCATGATTCTGTTTGAACCTCCACGTGTGGAATGACTGCTGGATGAA



GAGGCCAGACCTGCCCTCTGGCTTTGACGGGTGGCAAGTGGTAGACGCCACGCCCCAGGAGACCAGCAGC  
GGGATCTTCTGCTGTGGCCCTGCTCTGTGGAATCCATCAAGAATGGCCTAGTCTACATGAAGTATGACA  
CACCCCTTCATTTTTGCCGAGGTCAACAGTGACAAAAGTTTACTGGCAGCGACAGGACGATGGCAGCTTCAA  
GATCGTGTATGTGGAAGAGAAGGCCATTGGCAGCGCTCATTGTACAAAAGCTGTTGGATCCAACATGCAG  
GACGATGTCACCCACATCTATAAACACCCAGAAGGCTCAGAAGCAGAGCGCAAGGCGGTGGAGACAGCAG  
CTGCGCATGGCAGCAAACCAACGTGTACACCAACCGGACTCGGCTGAGGATGTGGCCCTGCAGGTGGA  
GGCCCAAGACGCAGTGATGGGGCAGGACCTGACAGTCTCCGTAGTGTGACCAATCGCGGCAGCAGCACC  
CGCACTGTGAAGCTGCATCTCTACCTCTCAGTCACCTTCTACACTGGTGTACAGGGCCTGTCTTCAAGG  
AGAGCAAGAAGGAAGTGGTGTCTCGCGCCAGGGGCCACGGAACGCGTGTCCATGCCTGTGGCCTACAAGGA  
ATACCGGCCCCAAATCGTAGACCAGGGGTCCATGCTGCTCAATGTCTCAGGCCACGTCAAGGAGAATGGA  
CAGGTGCTGGCCAAACAGCATACCTTCCGCTGTGCGCACCCAGATCTCTCCCTCACATTATTGGGGGCAG  
CTGTGGTTGGCCAGGAGTGCAGATACAGATTGTCTTCAAGAACCCTTGCCTGTACCCCTCACCCTACCAATGT  
CGTCTTCCGGCTTGAGGGCTCCGGGCTACAGAGACCCCAAGATCCTCAATGTGGGGGACATTGGGGGCAAC  
GAGACAGTGACACTACACAGAAGTTTGTGCCTGTGCGGCCAGGCCCCGCCAGCTCATCGCCAGCTTGG  
ACAGCCACAGCTCTCCAGGTGCATGGTGTCTCCAGGTGGACGTGGCTCCAGCCCCCTGGGGGTGGGGG  
CTTCTTTTCAAATGCTGGAGGCAATAGTCCCTTGGGGGAGACCATCCCTATGGCATCTCGAGGTGGGGCT  
TAG

>GBCA0140 |Acc|AF285177|Ver|AF285177.1 GI:15076950|Canis familiaris ferritin mRNA,  
complete cds.

TTGTTCCCTGCTTCAACAGTGCTTGGACGGAACCCGGCGCTCGTTCCTTCCCCGGCCCGCCGCTCAGAGC  
CAGCCCTCGGCCACCCCTCCACGCAGCGCTCTCGGACCGCCCCGAGGCTCCGCGCCCGCCGCCCCAGCGC  
CGCGCAGCCGCGCCGCGCGCGCTCTCCTCAGCCTCCGCCATGACGACCGCGTCCCCCTCGCAGGTGCG  
CCAGAATAACACCAGGACTCCGAGGCGGCCATCAACCGCCAGATCAACCTGGAGCTCTACCGCTCTTAC  
GTCTACTTGTCCATGTCTTATTACTTTGATCGCGATGATGTGGCTTTGAAGAAGTTTGCCTTATTTTTC  
TCCACCAATCTCATGAGGAGAGGGAACATGCTGAGAAACTGATGAAGCTGCAGAACCAACGAGGTGGTCG  
AATCTTCTTCCAGGATATTAAGAAACAGACCGTGACGATTGGGAGAATGGGCTGAATGCAATGGAGTGT  
GCATTACACTTGGAAAAGAGCGTGAATCAGTCACTACTGGAAGTGCACAACTGGCCACTGATAAAAAATG  
ACCCCACTTGTGTGACTTGCATTGAGACTTACCTGAAACGAGCAGGTGAAATCCATCAAAGAATTGGG  
TGACCATGTAACCAACCTGCGCAAGATGGGGGCTCCCGAATCTGGCATGGCAGAGTATCTCTTTGACAAG  
CACACCTGGGAAACAGTGATAATGAGAGCTAACCTTAGCTGCTTCCATACCGCAGGGTGACTTCTTGGC  
ACCGAGCATGCATGCATGTTGGGGTATCCTTACCTTTTCTATAAA

>GBCA0141 |Acc|AJ278477|Ver|AJ278477.1 GI:11024570|Canis familiaris E12a gene for  
epididymal secretory proteins, genomic RNA.

GGCAGGAGAGACCACCTGCCTCACATCAGAAGAAATGCAGAAAAAGAACTATGCAAGGATTAGAAATAAG  
AGGCCAGTTGAGATGAACCCATGGTCCAGTTATCTGTTGGGATGGACAACCTTTCCTCCTACTTCTATG  
AGACAAAGTGGAAAGATTCTTACCTGAGTTCACTGGGAAGCATGAGTTCACGAAGCCCTGGATTAGTAT  
AAAAGAAGATCAGAAAGATTATCATGTGTAATTTCCCTTCGTCTACAAGGGGTCTTCTTACTTCTCTTGCATC  
AAAACCAATAGCTTCTCTCCTTGGTGTGCAACCAGAGCTGTTTATAATGGGCAGTGGAAATCTGCATGG  
CAGACGATTACCCAGCATGCATCTTCCCTTCATCTTTCGAGGAAAGTCCCATACAGCTGCATCACGGA  
GGGCAGCTTCTCAGAAAGGCTGTGGTGCTCAGTCACCTCCAGCTTTGATGAGAATCAGCAGTGGAAATAC  
TGTGAAACCAATGAGTATGGGGGAAATCTTTTCAGCAAGCCCTGCATCTTCCCTCCATCTTCAGAAATA  
GCACGATCTTTGAATGCATGGAGGATGAAACAACAAGCTCTGGTGCCCAACCACAGAGAACATGGATGA  
GGATGGGAAGTGGAGCCTTTGTGCTGATACTAGAATTTCTCCTTGGTTCCTGGCTTTCCCTGCCACTTTC  
CCATTACGCTATAAAAAACAAGAATTATTATAACTGTATCGGCAAGGAACAAAAGAGAACCTTACGTGGT  
GTGCAACCTCTTACAACCTACGACCGGGACCACACCTGGGTGTAATGCTGATGCAAGGGGGAGGAGAAACA  
TCTTCAGAGGAAGACGGACATACTAAGTCTAGAACCTGCTTCATCATTTTCATCAAGTCTTCAAGTTTAA  
ATTGCTTTTAGAAGTACCTTGTCTGCCATTTTGCTTAATCACTTGGTCTTTGTGAAGAACAGAGGGAAT  
ATGTGGCATAACCAACAATAAAGGAGCCACAGTTAACCCCCAGGGCTGCTCTTTGTGCTCTCTGGAATG  
AGTAAGGTGAGGGACAGAATGATGGTGAAGGAAGCCTTGGTGACTGAGTGGTGAGTCTCACAGGCGG  
AGGTCAGATTCTTAGCCAGGGGCCCTTGGAAAGGAAGTGAACCTGCTATCTCTTTCTGGGAAAGTGTAG  
ATTTGGGTGGAGCATTTTAGATACTTGTAAATCATTAATAAATAAATTAGTAAGTTA

>GBCA0142 |Acc|Y18220|Ver|Y18220.1 GI:11557969|Canis familiaris mRNA for multidrug  
resistance protein 2.

TCATGCTGGAGAAGTTCTGCAACTCTACGTTTTGGAAGTCTTCATTCTTGGATAGCCCAGAAGCGGACCT  
GCCACTTTGTTTTGAGCAAACTGTTCTGGTGTGGATTCCCTTGGGTTTCCCTTTGGCTCCTGGCCCCCTTGG  
CAGCTTCTTCATGTGTATAGGACCAAGATCAAGAGATCTTCTATAACCAAACTCTACCTTGCTAAGCAGG  
TGCTTGTGGGTTTTCTTCTATTCTAGCAGCCATAGAGCTGGTCTTGTACTCACAGAAGACTCTGGAGA

AGCCACAGTCCCCGCCATTAGATACACCAATCCAAGCCTTTACCTGGGCACATGGCTCCTGGTTTTGCTG  
 ATCCAATACAGCAGGCGATGGTGTGTACAGAAGGATTCTTGGTCTGTCTCTATTCTGGATTCTCTCAA  
 TACTCTGTGGTAGTTTTCCAATTTACAGACTCTGATCCGGACACTCTTAAAGGACAGCAATCTAACTTGGC  
 TTAATCCTGCCTGTTCTTCATCGGCTATGCACTACAGATCCTGGTCTGATCCTATCAGCATTTTCAGAA  
 AAAGATGCCTCCTCAAATAATCCATCATTACGGCCTCATTTCTGAGTAGCATTACGTTAGTTGGTATG  
 ACAGCATTGTTATGAAAGGCTACAAGCAACCTCTGACACTGGAAGATGTGTGGGATGTTGATGAACAGAT  
 TACAACCAAGGCAC'TGGTCAGCAAGTTTGAAAAATATATGGTAGAAGAGCTGCAGAAGGCCAGAAAGACC  
 CTCCAGAAACAGCAACAGAGGAACACCCAGGGGAAGTCTGGAGAAAGGCTGCATGACTTGAACAAGAATC  
 AGAGTCAAAGCCAAGATATCCTTGTCTGGAGAAGTTAAAAAGAAAAAAGAAAGTCTGGGACCACAGA  
 AAAGTTTCCCAAGTCCCTGGTGGTCAAGAGTCTCTTCAAACTTTCTATGTCATACTCTGAAATCATTC  
 CTACTGAAGCTGGTGTGTTGACCTTCTCACGTTCCCTGAATCCTCAGCTGCTGAAGTTGCTGATCTCCTTTG  
 CAAATGACCCAGACATGTATGTGTGGACTGGGTATTTCTATTCCGTCCTCTTCTTTGTTGTGGCTCTCAT  
 CCAGTCTCTCTGCTCTTCAAGCTACTTTCAATGTGTGGTCTTCTGTTGGGTGTAACGTAACGACGACATC  
 ATGGCTTCCATATACAAGAAGGCGCTGACCTTTCCAACCAGGCCAGGAAGCAGTACACCATTGGAGAAA  
 CAGTGAACCTGATGTCTGTGGATGCTCAGAAGCTCATGGATGTGACCAACTTCATTCTGCTGTGGTCT  
 AAATGTTCTCCAGATTGCTTTATCTATCTACTTCTGTGGGCAGAGCTGGGACCCTCCATCTTAGCAGGT  
 GTTGGGGTGATGATACTCCTAATTCAGTTAATGGGCTACTTGCCTCTAAGAGTAGAGCTATTACAGTAA  
 AAAATATGAAGAATAAGACAAACGTTTAAAGATCATGAATGAAATTTCTCAGTGGGATCAAGATCCTGAA  
 ATATTTTGCCTGGGAACCTTCATTCAAAAACCAAGTCCACGAACCTCGGAAGAAAGAGCTCAAGAACCTG  
 CTGACCTTCCGGCAGATGCACTGTGAATGGTGTCTCTTATACTTAACTCCGGTCTTGGTGTCTGTGA  
 TCACGTTTTTCAAGTTTACACTCTGGTGGACAGCAATAATGTTTTGGATGCAGAGAAGGCATTCACCTCCAT  
 CACCTTCTTCAATATCCTGCGCTTTCCCCTAAGCATGCTCCCCATGGTAATCTCCTCACTGCTCCAGGCC  
 AGCGTTTCCAGAGAACGCTTGGAAAAGTACTTGGGAGGGGATGACTTAGACACATCCGCCATTCGACGTG  
 ACAGCAGTTCTGACAAAGCTGTGCACTTCTCAGAGGCCTCCTTCACTGGGACCGGGACTCGGAAGCCAC  
 AATCCGAGATGTGAACCTGGAGATTATGCCAGGCCTTATGGTGGCTGTGGTGGGCATGTAGGCTCTGGG  
 AAGTCTTCTTGTATGTGAGCCATGCTGGGAGAAATGGAAGATGTCCATGGGCACATCACCATCAAGGGCA  
 CCATAGCCTACGTCCACAGCAATCCTGGATTGAGAATGGCACCATAAAGGACAACATCCTTTTTTGGATC  
 CGAGTTGGATGAAAAGAGATACCAGCAGGTGCTAGAAGCCTGTGCCCTCCTACCAGACTTGAAGTGTCTG  
 CCGGAGGAGACCTGGCTGAGATTGGAGAGAAGGGTATAAATCTTAGTGGGGGTGAGAAGCAGCGGATTA  
 GCCTGGCCAGAGCTACCTATCAGAATTACAGACATCTATGTTCTGGATGACCCCTGTGAGCTGTGGATGC  
 TCATGTGGGAAGACATATTTTCAATAAGGTCTTGGGTCCCAATGGCCTATTGAAAGGCAAGACTCGTCTC  
 TTGGTTACACATAGCATTCACTTTCTTCCCCAAGTGGATGAGATTGTGGTTCTGGGGAATGGCACCATCT  
 TGGAGAAGGGATCCTACAACACTCTGTGGCCAGAAAGGATTGTTTGCTAAGATTCTGAAGGCATTAC  
 AAAACAGACGGGTCTGAAGGAGAGGCCACAGTCAATGAGGACAGTGAAGAAGATGATGACTGTGGGCTG  
 ATGCCAGTGTGGAGGAAATCCCTGAGGAAGTGGCCTCCTTGACCATGAAAAGAGAGAACAGCCTTCATC  
 GAACACTTAGTCGCACTTCCAGGTCCAGGAGCAGACATCAGAAATCCCTAAGAACTCTTTGAAAACCCG  
 GAATGTGAACACTCTGAAGGAGGAGGAGGAACCTGAAAGGACAAAACTAATTAAGAAGGAATTACATA  
 CAAACTGGAAAGGTGAAGTTCTCCATCTACCTGAAGTACCTACGAGCAATAGGATGGTATTTGATATTCC  
 TCATCATTTTTTGCCTATGTGATCAATTCTGTGGCTTATATTGGATCCAACTCTGGCTCAGTCTTGGAC  
 CAATGACTCTAAAGCCTTTAATGGCACTAATATCCAGCCTCTCAGAGGGACATGAGAATTGGCGTCTAT  
 GGAGTTCTGGGATTAGCTCAAGGTGTGTTGTGCTCATGGCAATCTCTTGAGTGCCCATGGTTCCACCC  
 ATGCATCAAACATCCTTACAGGCAACTGCTAAACAACATCCTTCAAGCACCCATGAGTTTTTTTGACAC  
 AACACCCACAGGTGCGATTGTGAACAGGTTTGTGGTGATATTTCCACAGTGGATGACACCCCTCCCCCAA  
 TCCTTGGCGAGCTGGATATTGTGTTTCTGGGAATAGTCAGCACTCTTGTCTATGATCTGCACGGCCACTC  
 CAGTGTTCATCATCGTCATCATCTCCTCTTAGCATTTATTTATGTGTCTATTAGATATTTTATGTGGCTAC  
 TTCCCGCCAGCTGAAACGTCTAGACTCTGTACCCAGATCCCCAATTTACTCTCACTTCACTGAGACAGTG  
 TCAGGTTTGTCCGTATCCGTGCTTTTGGAGCATCAGCAGAGATTTCTGAAACACAATGAAGTGGGGATTG  
 ACACCAACCAGAAATGTGTCTTTTCTGGATTGTCTCCAACAGATGGCTTGCAGTTCTGTCTGGAGCTGAT  
 TGAGAACTTGATTCTCTTTTCTCATCCCTGATGATGGTTATTTATATAAGCTACCTAAGTGGAGACACT  
 GTGGGCTTTGTTCTGTCCAATGCATTAATATCACACAGACCCTGAACTGGCTAGTGAGGATGACGTGAG  
 AAATAGAGACCAACATTGTGGCTGTTGAAAGAATAAATGAATACATAAAAGTGGGAAATGAGGCACCTG  
 GGTGACTGATAAGAGACCTCCCCAGGTTGGCCAGCAAAGGGGAGATTCCGTTTAAACACTACCAAGTG  
 CGGTACCGCCTGAAGTGGATCTGTACTGAGAGGGATCACTTGTGATATTAGGAGCATGGAGAAGATTG  
 GTGTGGTGGGCAGAACAGGAGCTGGGAAGTCATCCTTGACAAATGGCCTCTTCAGAATCCTAGAGGCTGC  
 AGGTGGTCAGATCATATTGATGGGGTAGATATTGCTTCCATTGGGCTCCATGACCTCCGAGAAAAATTG  
 ACCATCATCCCCCAGGATCCCATCCTGTTCTCTGGAAGCCTGAGGATGAATCTAGACCCTTTTAAACCACT  
 ACTCAGATGGGGAGATTTGGAAGGCCTTGGAGCTGGCTCACCTCAAACATTGTGTGGCTGGCCTGCAACT

1236

TTTGACCAATTCAAGAGACTTATTGAAGACTTCTGCTCCACAGCAGACTTTCTCATCATTTACATCGAAG  
 AAGCACATGCATCAGATGGCTGGGCCTTTAAGAACAACGTGAACATCAGGACTCACCAGACTCTCCAGGA  
 CCGCTGCAGGCAGCCCGCTTGCTGCTGGACAGGGCCCCCCCCATGCCCCGTGGTGGTGGACACGATGAGG  
 AACCAAAGCAGCCAGTTCTACGCGGCCCTACCCGAGAGGCTCTTTGTGCTCCAGGAGGGCAGGATCCTCT  
 ACAAGGGTAAACCTGGCCCTTGGAACCTACCATCCCGAGGAAGTTCGTGCTGTTCTGGAAAACTGCACAG  
 TTAGCCTGGAAAGATCCCCAGTTCTATAGGTGATCCACAGGAGGGCTCCTCAAGTCTGGCTCTCCTCC  
 CAGCCAGGTGGCTTTTACCTCTTGACCCGTGTCACTAGCTCAGATTGGTCTGATCTAACCAACAATTG  
 TACTCAGGAAACGAAGCAGCGAGTAAGCTGAAGGTTAAAGACCCCTTACCTCGACGCTGCCCCACGGTG  
 GAGACCACAATAATTGCACATCGTCCCCATGTGAGAAAGGTCCCTCCCCACTGGATACTGCTGGGGTATG  
 CGGTCTGTCTCCAGCCACTCTGATCCACGTGGTCAGATACAGCAGTCTCATGTGAGTCAAACCTCATTT  
 TACCAAACTCTGCCGTTTATGGACACCATCAAAAAGACACTAATTGGCTGTTAGAACCAGCATGGGAGA  
 ATGCCAGTTGCTTGGAGAGTGAAGGAATTGAAAGCTTGTGTACATTATGCAGAAGCTCATATTCGAAAC  
 TATTTCTCTGATTTCTTTGCAAGTCTCCTGATGGTCATTTGTGTTAGATTACATCAGACCGATGGACAAC  
 CATTTGGTATTTCATCTGTTTAACTCTGCTTCTTTTCATGTTTGTCTATGACGGCCACAGCTAAAGCACA  
 CACAGCTGTGACTTGATTGAAAGAAAATGTTTTAAGATGCAGCAAGCTAATACAGAATGATTAAATAT  
 CTCAGGCTAAAA

>GBCA0146 |Acc|U19489|Ver|U19489.1 GI:3068552|Canis familiaris glycoprotein Ib mRNA,  
 complete cds.

CAAAGCAGTGACGCTCTGCACCCTCAGAGGTCTTTCTGTTTGCCGGTCTCATGCATCTGCTCCTGTGGT  
 TGCTTCTGCTGGCCCGCTCTGCGGCCCTGAGTTCATCTGCGAGGTCTCCAAGGTGACCAGCCAGGTGGA  
 GGTGAAGTGTGACAACAAGGGGCTGAAGGCACTGCCCCCGGGCTGCCAGGGGACACGGCCATCCTTCAT  
 CTGGCCGAGAACCCCTGGGTGCTTCTCCACGGCCCTGCTGGGACCTCTGACCCGGCTGGCCAGCTGC  
 ACCTGCGTCAAAGCCAGCTGACCCAGCTGCAGGTGGATGGGATGCTGCCGCGGCTGGAGACCCTGGACGT  
 GTCCCAACAACAGGCTGAAAAGCCTGCCGTGCTGGGACGGGCCCTGCCAGCACTCACTACCTGGACGCG  
 TCCTTCAATGAGCTGGTGGCACTGTCCCCTGGCACACTCGATGGCCTGAGCCACCTCCATGAGCTCTACC  
 TGCGCGGCAACAAGCTGAAGACGCTACCCCGAGGCTCCTAGCGCCACAGGCCACGCTGAGGAAGCTCAA  
 TCTGGCCGACAATAGGTTGACTGAGCTGCCCCCGGGGTTCTGGAGGGGCTCGGGGAACCTGGACACCCTC  
 TACCTCCAAGGGAACCTGGCTGCGCACCGTACCTAAAGGCTTCTTTGGGGACCTCCTCCTGCCGTTCACTT  
 TCCTCCATGGCAACCCCTGGTCTTGTGACTGCGAGATCCTCTACTTGGCTCGCTGGCTGCGGGACAACAG  
 CAATAATGTCTACTTGTGGAAGGAGGGTGTGGAAGCCAAAGCCACGACGCTTAACGTGGACAGCGTGCGA  
 TGTGTCAACTGGAAAAATGTGCCCGTGCACACCTACCAGGGGAAGGACTGCCCCAGCCCCATGGACGGGG  
 GTGACATGGACTACGACAACCTATGACGATGAGGATGAGAAACTCCCGGGGTTGAGGCGCTGCCACACG  
 GGCTGTGGTCACTTCTCTACCCACACCAAGCCACACAACCCACTGGGGCCTGCTCTACCCAAACATTT  
 GCTTATCCAGACCACCAATGGCCTACTTGTCTTCCACCCTGGAGCTCACTGAGAAACAGACCATGTTCC  
 CGAGTACCCTGGGGCCATTATGCCCACCACCCACCCAGAGCCACCAACCCCCACCACCTGGAGCC  
 CACCACAACCCCAACCAACCCCGAGCCCGCCACAACCCCAACCAACCCCGCAGCCCGCCACAACCC  
 CACCACCCCGCAGCCCGCCACAACCCCAACCAACCCCGCAGCCCGCCACAACCCCAACCAACCCCAACCA  
 CACCTCCACAACCCCAACCAACCCCGCAGCCCGCCACAACCCCAACCAACCCCGCAGCCCGCCACAACCC  
 CACCACCCCGCAGCCCGCCACAACCCCAACCAACCCCGCAGCCCGCCACAACCCCAACCAACCCCAACCA  
 CCAACGCCCCCAACCAACCCCGGAGCCACCATGCTTCCACACCTTGGAGCCCAACCAACTCCAACCA  
 GCCCCACCAACCCCTAATTCTCTCCGAATCAAACACCTTCTTAGGCATCCCAGAATTAACCTTACCTTG  
 TACTACTTCAGAATACCAATAGTCCCTCCCTTGTCCACCTCCAGAGGCCATGAGGTGGCTCGAGGA  
 ACTTCAGATAGCTCCAGAAACCATCGTTTGTCAACCTGACCTCTGCTGCCTCCTCCCCCTGGGCTTCT  
 ATATTTTGGGTCTCCTCTGGCTTCTGTTTGCTTGTGGTCTCATCTGCTGCTGACCTGGGCCAGCA  
 CGTGAAGCCCCAAGCTCTGGCCATGGCCACGTACACCACCATCTGGAGCTGCAGTGGGGAAAGCAGGTG  
 ACTGTGCCCTGGGCCTGGCTGCTCTTTCTCAAGGCTCATTCCCCACTTCCGCTCCAGCCTCTTCTGT  
 GGGTCCGAGCTAACAGCTACGTGGGGCTCTGATGGCAGGACGGCGGCCCTCTGCCCTGAGCCTGGGTG  
 TGGGACGACCTCGGACATCAGGTGGGCTTAGTACTCCAGCCACAGCCTCTGAGGCGACGGTGGGACG  
 TTTGGGGACCTTGAGAGGCTGTGATGGGCCCCCTATCAGGATCTTGTGTTGGGGTGGGTGGGCAGGGAGC  
 ACAGGATTGGGGGGAGGCCTTAAGCACCTTTTCTGGGTGAGAAGCCTCCTCTCCGATTGCATGTGCAAC  
 CTCAGTGAAGCAGCATGGGCAGGGGAGCCGGACGGGCCACCAACAGAGCTCCTTATGCTGCAGGAGGGG  
 TTCACAGACCACTCGGACATCACCATCACCTTGGGGGGGTGCTTGAGGGAAAAGCAAATGAACAGAGC  
 GTGATTCTCACGTGCAGGTACCTAAGGGAACGGGGGAAGAGATGCACCAAGACGAGAGCCCTCGTCATCC  
 CTGGGGAGCCCAAGCCTAGGGGTTTTCTCTCTTCCCGTTTAGCATTTTCCACCATCGTATGTTACTTG  
 TATAATAATTA

>GBCA0147 |Acc|AF325357|Ver|AF325357.1 GI:14388930|Canis familiaris signaling lymphocyte  
 activation molecule SLAM mRNA, complete cds.

TTCCTGTCTCCCTGGCCGATGGATTCCAGGGGCTTCCTCTCCCTGCGCTGCCTGCTGGTCTCGCCCTG  
 GCGTCCAAGCTGAGCTGTGGGACAGGTGAGAGCTTGATGAATTGCCAGAAAGTCCCTGGGAAGTTGGGAA  
 GCAGTTTGCAGCTGTCTTGGCATCCGAAGGGATAAGCAAGAGGATGAACAAGAGCATCCACATCCTTGT  
 CACAAGGGCGGAATCACCGGGAAACAGTATCAAGAAGAAAATAGTGTCTCTGGATCTGCCAGAAGGGGGG  
 TCTCCACGCTACCTGGAAAAATGGCTATAAATTTTCATCTGGAAAACCTGACCTGAGGATCCTGGAAGCA  
 GGAGGGAAAATGAAGGCTGGTACTTCATGACCTGGAGGAGAACTTTTCAGTTCAACACTTTTGTCTGCA  
 GCTGAAGCTCTATGAGCAGGTCTCCACTCCAGAAATTAAGGTGTTGAACTGGACCCAGGAGAATGGGAAC  
 TGCAGCATGATGCTGGCCTGCGAAGTGGAAAAGGGGGACAATGTGGTTTACAGCTGGAGTGAGAACTGG  
 GGATTGACCCACTGATCCCAGCCAACAGTTCTCACCTCTTGACCTCAGCCTCGGCCCTCAGCATGTCAA  
 CAACGTCTATGTCTGCACCGTGAGCAACCCCGTCAGCAACCGCTCATGGTCTTCAACCCATGGTCCAAG  
 TGCAGGCCAGAGTCTTCGGTGCCAAGACAATGGAGACTGTATGCTGGGCTCTTCTTAGGGGGTATCGTTG  
 GTGTCTATCTTGATTTTCGAAGTGGTATTACTGCTGTTGAGAAGAAGAGGTAACAAATCATTACAAGCC  
 AACCAAGGAGAAAAAAGCCTTACCATCTATGCCCAAGTCCAGAAATCAGGTTCTACTCAGAAGAACCT  
 GATCCCTTGCCAGCTGAGGACCCCTGCACCACCATTTATGTTGCTGCCACAGAACCTGTCCAGAACCTG  
 CCCCAGAACCTGTCCAGGAACACATTCTATCACGGTCTATGCCAGCGTGACGTTCCAGAGAGCTGACA  
 CCACAGGCTCAGTGAAGGGACTTTCTGAAG  
 >GBCA0148 |Acc|AB023629|Ver|AB023629.1 GI:14331124|Canis familiaris CESdD1 mRNA for  
 carboxylesterase D1, complete cds.

CGCACGATGTGGCTCTTCGATCTGGTCTGACCTCCCTCGCCACTTCCATGGCTTGGGGGTACCCGTCCT  
 TGCCACCTGTGGTGGACACTGTGCAAGGCAAAGTCCCTGGGCAAGTATGTCAGCTTAGAAGGATTTGCACA  
 GCCTGTGGCCGTCTTCTGGGAGTCCCTTTTGCCAAAGCCTCCTCTTGGACCACTGAGGTTTGCTCCACCA  
 CAGGCTGCAGAGCCATGGAACCTTCGTGAAGAATACCACCTCATACCTCCTATGTGCTCCAGGACGCAG  
 TGGGAGGTGAGGTGCTCTCAGAACTCTTTACCAACAGAAAGGACAACATTCCTCTCAAGTTTCTGAAGA  
 CTGCTTTTACCTCAATATTTACACTCCCGCTGACTTGACAAAGAACAGCAGGCTGCCGGTGATGGTGTGG  
 ATCCACGGAGGGGGTCTGGTGGTGGGCGGGGCATCAACCTATGATGGGCTGGCCCTCTCTGCCACGAAA  
 ACGTGGTGGTGGTGACAATTGAGTATCGCTGGGCATCTGGGGATTCTTCAGCACAGGGGATGAACATGG  
 CCGCGGAAACTGGGGTCACTTGGACCAGTTGGCTGCACTTCGCTGGGTTTCAAGAGAACATTGCCAACTTT  
 GGAGGGAATCCAGGTTCTGTGACCATCTTCGGAGAGTCCGGCGGGAGGTGAAAGCGTGTCCGTTCTTGTGC  
 TATCTCCTCTGGCCAAAGACCTCTTCCATCGGGCCATCTCTGAGAGTGGTGTGGCCCTCACTGCTGCCTT  
 GGTTAAGAAAGACATGAAGGACACAGCTCAGCAAATTGCTGTCTTTGCTGGGTGTAAAGCACCACGTCG  
 GCTGTCTTGTTCATTGCTGCGCCAGAAAGACGGAAGATGAGCTCTTGGAGGTTTCACTGAAGTTGAAAT  
 TTTTCACTCTTGATTTATTTGGAGACCCAGAGAGAGCTATCCTTTCTGCCTACGGTGGTTGATGGAGT  
 TTAGGAGATGTGGTGTGGTGTCCATCCGTGACTGAGCCCGTCACCAAGAGATGCCGGAGCCCA  
 ATCAACAAGCAGGAGTTTGGCTGGCTTCTTCCAATGATGATGGGTTACCCACTCTCTGAAGACAAGCTGG  
 ACCAGAAGACGGCCTCGTCACTCTTGTGGAGTCTTACCCCATTCGTAACATCCCTGAGGAACTGACTCC  
 ACTGGCTAGTGAGAAGTATTTAGGAGGAACAGATGACCCTGTCAAAAAGAAAGCCCTGTTCTTGGACATG  
 TTAGGAGATGTGGTGTGGTGTCCATCCGTGACTGAGCCCGTCACCAAGAGATGCCGGAGCCCA  
 CCTACATGTATGAGTTCCAGTATCATCCAAGCTTCTCATCGACATGAAACCCAGACCGTGGTTGGGGA  
 CCACGGGGATGAGCTCTTCTCAGTCTTTCGGGGCCCCATTTTTTAAAGGGGGTGCCTCAGAAGAGGAGATA  
 AGACTCAGCAAGATGATGATGAAACTATGGGCCAATTCGCTCGGAGCGGGAACCCCAATGGGGAAGGGC  
 TGCCCTCTTGGCCCGCTTACGACCAGAAGGAAGGGTACCTGCAGATTGGAATCCCACTCAGCCAGCCCA  
 GAAGCTGAAAAGCAAGGAAATGGCTTTCTGGACTGAGCTCCTGGCCAAGCGGGCAGCAGAAAAGCTGAGT  
 CCCACAGAGCACGTCGAGCTGTGAATGGGCGGCTGCCTGCCTCGGGGCTGGGGAGCCAGACAGGGCTAT  
 TCTACAGAGGGTGTCTATGAGCCAAAGAGGGATCTTACTGTGGAGGTTGGGATGGTCTGGTGGAGGAGGG  
 AAGAGGCTCTGGAGAGGGAATTGTGGCTTCAATTTGGGGAATAAATGTTCTTTTGGATCAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 >GBCA0149 |Acc|AB035080|Ver|AB035080.1 GI:7959047|Canis familiaris mRNA for beta-casein,  
 complete cds.

ATCATCCACTTAGCTTCCCCTTCACTTTCTGTACTCCACCTTGGAAAAAGGACTTGATAACCATGAAGG  
 TCTTCATCCTGGCCTGCCTTGTGGCTCTTGTCTTGTGCAAGAGAGAAGGAAGAACTCACTCTATCCAATGA  
 GACTGTGGAAAGCCTTTTCAAGCAGTGAGGAATCTATTACACACATCAACAAGCAGAACTTGAAGATTTT  
 AAACACGAGGAGCAACAGCAAAGAGAGGATGAACGCCAGAATAAAATCCACCCCTTTTCCAGCAACAGC  
 CTCTAGTCTCTCCTTATGCTGATGCCACTATGCTATCCTTCCACAGAACATCCTGCCTCTGGCTCA  
 GCCTGCTGTGGTGGTGCCTTTCCTTACGCTGAAATAATGGAAGTCCCTAAAGTTAAGGAAAAACATCTTT  
 CCTAGGCACAAAGTAATGCCCTTTCTTAAATCTCCAGTGACACCTTCTTGGACAGCCAAATCCTGAATG  
 TGGCTGATCTTGAATGTGCATTTTCTCTTCTCTATCTCTGCCTCTGCTCCAGCCTCTGATGCACCA  
 GATCCCTCAGCCTCTTCTCTGCTCCAGCCTCTGATGCACAGATCCCTCAGCCTCTTCTCAGACTCCT

CTGCAGCCCGGAAGGCAAGGAACAAGCCCTGAAGACACTTCTGCTGGGAGGTCGCCATGGCCTCTCTC  
GGCCTCCAACCTTTGAGGTACATCTTAGGCCTCTGGGGCTGTTGGGACCTGGTGGCCATGCTGCTTCT  
CCAGCTGGCGAACAAGCTCTACGTTTGGTACCGATCGTAGCGCGTCCGCTTCTCCAAGGCCCTCTG  
GATGGAGTGCGCCACACACAGCACAGGCATAACCCAGTGTGACATCTACAGCACCCCTCCTAGGCCTGCCT  
GC TGACATCTCAGGCTGCCAGGCCATGATGGTGACATCCAGTGCATCTCTTCGTTGGCCTCATGTTGCT  
CTGTGGTGGGCATGAGATGCACTGTCTTCTGCGAGGACTCCGAGGCCAAGACAGACTGGCGCTGGTGGG



TGGAGTCTTCTTCATCATTTGGAGGCCTCCTGGGCTTCATCCCCGTTGCCTGGAACCTTCACGGGATCCTG  
CGGGACTTCTACTCCCCGCTGGTACCCGATAGCATGAAGTTCGAGATCGGAGAAGCTCTCTACTGGGCA  
TTATTTCTCCTTGTCTCCCTGGTAGCTGGCATCATCCTCTGCTTTTCTGCCACTCCAGGGAAATCG  
CTCCGACTACTATGACTCCTACCAGGCCAGCCCCCTTGCAACTAGAGGCTCTCCAAGGCCGGGTCAACCG  
CCCAAAGCCAAGAGCGAGTTTAACTCCTACAGCCTGACAGGGTATGTGTGAAGAACCAGGGGCCAGAGCT  
AGGGGGGCGGTTGGTGGCCGAGTCTGTGAAAACAGTGAACAGCACCTCCCAAACCACCCCTGGGGC  
CACAGGTGAGGGACATTGGCACTGTATCATGTCAGAAGGTGCTGCTGAGGCTAGATTGACTTTGCCACT  
GGATCAAGTGAAGGCAGAAATGAGAAGTGGTGCAACAGCATGC  
>GBCA0154 |Acc|AB038231|Ver|AB038231.1 GI:12082092|Canis familiaris AC mRNA for catalase,  
complete cds.

GGCAACATGGCGGACAGCCGGGACCCAGCCAGCGACCAGATGAAGCTCTGGAAGGAGCAGCGCGCGCGC  
AGAAACCTGATGTCCTGACCACCGGGGGCGGTAAATCCAATAGGAGACAACTTAATGTGATGACAGCAGG  
GCTCGGGGGCCCCCTCTTGTTCAGGATGTGGTTTCTACTGATGAAATGGCTCACTTTGACCGGGAGAGA  
ATCCCTGAGAGAGTCGTGCACGCTAAAGGAGCAGGGGCTTTTGGCTACTTCGAGGTCACACATGACATTA  
CCAAATACTCCAAAGCAAAGGTGTTTGAGCATATTGGAAAGAGGACCCCCATTGCAGTTCGATTCTCCAC  
TGTTGCTGGAGAATCAGGCTCGGCTGACACAGTTCGTGACCCTCGTGGGTTTGAGTGAATTTTACACA  
GAGGATGGTAATTGGGATCTTGTGGAAATAACACCCCCATTTCTTCATCAGAGATGCCATATTGTTTC  
CGTCTTTATCCATAGTCAAAAGAGAAACCTCAAACACACCTGAAGGATCCGACATGGTCTGGGACTT  
CTGGAGCCTGCGCCCTGAGTCTCTGCACCAGGTTTCCTTCTTGTTCAGTGATCGAGGGATTCCAGATGGA  
CACAGGCACATGAATGGATATGGATCACATACTTTTAAGCTGGTTAATGCAGCGGGAGAGCGGTTTATT  
GCAAATTCATTATAAGACTGACCAGGGCATCAAAAACCTTTCTGTTGAAGACGCAGCAAGACTTTCTCA  
TGAAGATCCTGACTACGGCCTCCGGGATCTTTCAATGCCATTGCCACAGGCAACTACCCCTCCTGGACA  
TTTTATATCCAAGTCATGACTTTTATGTCAGGCAGAAACTTTTCCATTCAATCCATTGATCTTACCAAGA  
TTTGGCCTCACCAAGACTACCTCTTATCCCAGTTGGTAAACTGGTCTTAAACCGGAATCCAGTTAATTA  
CTTCACTGAGGTTGAACAGATGGCATTGACCCAAGCAACATGCCACCTGGCATTGAGCCCAGCCCTGAC  
AAAATGCTTCAGGTCGTCTTTTTCCTATCCTGACACTCACCGCCACCGCCTGGGACCCAACTATCTTC  
AGATACCTGTGAAGTGCCTTTCCGGGCTCGAGTGGCCAACTACCAACGGGATGGCCCCATGTGCATGCT  
CGACAATCAGGGTGGTGTCCAAATTACTACCCCAATAGCTTTAGTGCTCCTGAACAACAGCGTTGTGTC  
CTAGAGCATAGCAGCCAAATGTTTCGCCAGATGTGCAGCGCTTCAACAGTGCCAAATGAAGATAATGTCACTC  
AGGTGCGGACCTTCTATTTGAAGGTACTTGGTGAAGAGGAGAGAAACGCTGTGCGAGAACATTGCTGG  
CCATCTGAAGGACGCACAACTTTTCATCCAGAAGAAAGCGGTCAAGAAGTTCAGTGATGTCCACCTGAC  
TACGGGGCCCCGATTACGGCTCTTTTGGACAAATACAATGCTGAGAAACCTAAGAACGCGATTACACCT  
TTATGCAGCATGGGTCTCAGCTGGCTGCCAGGGAAAAAGCCAATCTGTGAGAGTCGTGCCCCAGGTTGCT  
CTCCACCTGTGAAGCAAAGCGTGGTGTTCGCACAGTACCCACCTTCGCTGGATAGAAGATTCTCCTGT  
GCTAGGTCGCGCAGATGCAAGCTTACGCCTTTAAATTAAGCCAGGTTTCTATCGCAAGTAATGTAGCAGTG  
GCTTTTAAATGCTATTTCCCTAGGGGGAAGTAAGGGTAGGGCTTAACAATGATATAAAAGAAAATGATTT  
GCTTTTGGCAGTGGGTTGGATTATTCACTTAAATGACTAGAATGAAAGTTTCTGGCAGAAATATGATTT  
TATTTGATAAGATAAAGTCTTGGTGAATTAGTATGTTTATATATATCATCTCATGGCCTTATTAAATAA  
AAGTGTGGCTGTAATTATGTAAGAAGAAAAGATGATCTACCCAGAAATTTAAATTTTCTCAGTTCCATA  
TGGGAAAAACACATTTAATGCATTGATGTCTTTTGAATAAAGTTCAGTGACATCATAGCTTAATGCTTA  
TTCCTGCCTGGAATTGATCAGATTTTTTTTAAACCTGGAATTACATTCATGCTAATATAGCATTGATTTT  
ACAACAGACTGATTTGTAAGTGTACATTTTTTACAATAAAATAATCTGTAC

>GBCA0155 |Acc|AF153062|Ver|AF153062.1 GI:4960162|Canis familiaris type I collagen pre-  
pro-alpha1(I) chain (COL1A1) mRNA, complete cds.

CAGGAGGCACGCGGAGTGTGAGGCCACGCATGAGCCGACGCTAACCCCCACCCAGCCGCAAGAGTCTA  
CATGTCATAGGATCTAGACATGTTTCAGCTTTGTGGACCTCCGGCTCCTGCTCCTCTTAGCGGCCACCGCCC  
TCCTGACGCACGCGCAAGAGGAGGCGCAAGAAGAGCATCCCAACAGTCACCTGCGTACAGAACGGCCT  
CAGGTACTATGACCGAGACGTATGGAACCCGAGGCGCTGCCGGATCTGTGTCTGCGACAACGGCAACGTG  
TTGTGCGATGACGTGATCTGCGACGAAACCAAGAAGTCCCGGCGGCCAAGTCCCCCGGGCGAGTGCT  
GCCCGTCTGCCCGACGGCGAGGCGTCACCTACCGACCAAGAAACACAGGAGTCGAGGGACCCAAAGG  
AGACACCGCCCCCGAGGTCAGGAGGACCTGCCGGGCCCTTGGCCGAGATGGCCTCCCGGACAGCCT  
GGACTTCCCGGACCCCCCTGGACCTCCCGGACCCCCCTGGACCCCCCTGGCCTCGGAGGAACTTTGCTCCCC  
AAATGTCTTATGGCTATGATGAGAAATCAACTGGAGGAATCTCCGTGCCTGGCCCCATGGGTCTTCTGG  
TCCTCGTGGTCTCCCTGGCCCCCTGGCGCACCTGGTCCCTCAAGGTTTCCAAGGCCCCCTGGTGAACCT  
GGCAGCCTGGAGCCTCAGGTCCATGGGTCCCGTGGTCCCTTGGCCCCCTGGCAAGAACGGAGATG  
ACGGTGAAGCTGGAAGCCTGGTGTCTGGTGGAGCGTGGGCTCCTGGGCTCAGGGTGCTCGGGGATT  
GCCTGGAACAGCTGGCCTTCTGGAAATGAAGGGACACAGAGGTTTTCAGTGGTTTGGATGGTGCCAAGGGA

>GBCA0156 |Acc|AF252536|Ver|AF252536.1 GI:13810652|Canis familiaris calmodulin-activated cyclic nucleotide phosphodiesterase (PDE1A) mRNA, complete cds.



CCTTGCAGCACGATAGACCAGGATAAGCTTCTACATTCTCTCCCTGGATTCTTGGAGTGGTTTCCAGGAA  
GAAGTTAAACTTTTTACCTTTAAATGGATGACCATGTACAATCAGGAAGAAACATCTCCAAAGACCCATC  
TTTAGACTAAGATGCTTAGTGAAGCAGCTGGAGAGAGGTGATGTTAACGTCGTAGACTTAAAGAAGAATA  
TTGAATATGCAGCATCTGTATTGGAAGCTGTTTACATTGACGAAACAGAAGACTGCTGGATACTGAAGA  
TGAGCTCAGTGACATTCAGACAGACTCAGTCCCATCAGAAGTACGGGACTGGTTGGCGTCCACCTTCACG  
CGGAAAATGGGGATGATGAAAAAGAAATCTGAGGAAAAACCCAAATTCGAAGCATTGTGCATGCTGTTT  
AAGCTGGAATTTTTGTGGAAGGATGTACAGAAAGTCTATCACATGGTTGGTTTGGTATATCCAGAAGC  
TGTATAGTAACGTTAAAGGACGTTGATAAATGGTCTTTTGACGTATTTGCCTTAAATGAAGCAAGTGGA  
GAACACAGTCTGAAGTTTATGATTTATGAAGTGTACCAGATATGATCTTATCAATCGTTTCAAGATTTC  
CTGTTTCTTGCCTAATTTCTTTGCAGAAGCTTATAGAAGTTGGTTACAGCAAGTACAAAAATCCTTATCA  
CAATTTGATTTCAGCTGATGTACGCAAACTGTGCACTACATAATGCTTCATACAGGTATCATGCAC  
TGGCTCACTGAAGTGGAAATTTTAGCAATGGTCTTTGCCGCTGCCATTCATGATTATGAGCATACAGGAA  
CTACAAAACACTTTTATATTCAGACAAGGTGAGTGTGTCCTTTTGTATAATGATCGCTCTGTCTCTAGA  
GAATACCATGTGAGTGCAGCTTATCGACTTATCGACTTATGAGAAAGAAGAAATGAATGTTTTGATAAATTTTCC  
AAAGATGACTGGAGGGATCTTCGGAACCTAGTGATTGAAATGGTTTATCTACAGACATGTCAGGTCACT  
TCCAGCAAATTAATAATATAAGAAACAGTTTGCAGCAGCCTGAAGGGATTGACAAAGCCAAACTATGTC  
CCTGATTCTTCATGCAGCAGACATCAGCCACCCGGCCAAGTCTGGCAGCTGCACTACCGGTGGACCATG  
GCCCTGATGGAGGAGTTTTTCTTACAGGGAGATAAAGAAGCCGAGTTAGGACTTCCATTTTCTCCACTTT  
GTGATCGGAAGTCAACGATGGTGGCCAGTCACAAATAGGTTTCTTATGATTTCATAGTAGAGCCAACATT  
TTCTCTTCTGACAGACTCGACAGAGAAAATTTATTTCTCTTATAGAGGAAGCCTCAAAAACAGACACT  
TCTTCTATGGGGCAAGCAGACGATCAATATGAAAGGCACCATGAACGATGGAACCTATTTCCCGAGCT  
ACTCCCTTGCAAGCGTGGACCTAAAGAGCTTCAAAAACAACCTGGTGGACATCATCCAGCAGAACAAAGA  
GAGGTGGAAGAGTTGGCTGCTCAAGGTGAACGAGATCTTCATAAGAACTCAGAAGATCTAGTAAACGCT  
GAAGAAAACATGTGGATACACATTATAGGTTTGAATACCTTACAGGCTTCTGTCAATTTTAAACATGA  
GAGGTAATTTTATTTTATAGACAAGAAACCTAATTTCTGAAGTGAATGGTTCTGTAATATCATTAGAGA  
CAAAGCTATCTCATTCAGTGTCTCTCT

>GBCA0157 |Acc|AJ245513|Ver|AJ245513.1 GI:10636209|Canis familiaris mRNA for T brachyury protein (t gene).

ATGAGCTCCCCGGCGCCGAGAGCGCGGGGAAGAGCCTGCAGTACCGAGTGGACCACCTGCTGAGCGCCG  
TGGAGAGCGAGCTGCAGGCGGGCAGCGAGAAGGGCGACCCACGGAGCGCGAGCTGCGCGTGGGCCTGGA  
GGACAGCGAGCTGTGGCTGCGCTTCAAGGAGCTCACCAACGAGATGATCGTGACCAAGAACGGCAGGAGG  
ATGTTCCCGCTCCTGAAGGTGAACGTGTCCGGCTGGACCCCAACGCCATGTACTCGTTCTTGTCTGGACT  
TCGTGGCGGGGACAACCACCGCTGGAAGTACGTGAACGGAGAGTGGGTCCAGGGGGCAAGCCCGAGCC  
CCAGGCGCCGAGCTGCGCTCATCCACCCGGACTCGCCCAACTTCGAGGCTCACTGGATGAAGGCTCCC  
GTCTCCTTTAGCAAAGTCAAGCTCACCAACAAGCTCAACGGAGGGGGTCAGATCATGCTGAACCTCTTAC  
ACAAGTATGAGCCTCGGATCCACATAGTGAGAGTTGGGGGGCGCACAGCGCATGATCACCAGCCACTGCTT  
CCAGAGACCCAGTTTCATAGCAGTGAAGTCTTATCAGAACGAGGAGATCAGGGCTCTTAAATTAATAC  
AATCCATTTGCAAAAGCTTCTTGTATGCAAAAGGAAAGAGTGATCACAAGATATGATGGAAGAGCCTG  
GAGACAGCCAGCAATCTGGGTACTCCCAATGGGGTTGGCTCATCCCTGGAACAGCACCCTGTGTCCACC  
TGCCACCCCCACCCCTCAGTTTCGGAGGCCCCCTCTCACTTCCCTCCACGCACGGCTGTGAAAGGTACCCC  
GCCCTGAGGAACACCGTCCATCCCCCTATCCAGCCCTTACGCACATCCGAATAATTCTCCAACCTATT  
CTGACAATCCATCTGCATGTTTGTCCATGCTCCAATCCCATGACAGTTGGCCCCAGCCTTGGGACGCTGC  
CCACACCAGCATGCTCCCCATGAGCCACAGTGCCGGGCCACCCACCGGCTCTAGCCAATACCCAGCCTG  
TGGTCCGTGAGCAATGGCACCATCACGCCGGGAGCGCAGCCGGCCGGGATGTCCAACGGGCTGGGAGCGC  
AGTTCTTCCGGGGCTCCTCTGCGCACGGGGCGCTCTCGGCCACGGGTCCCGGCTCCCTCGGCCTCCGG  
ATCCCGCTGTACAGAGGGGGCCCCACGGCCACAGAGCTTCCCGACAGCCAGTACGACGCCCTCGGCCCAA  
GCCCCCTCATCGCCTCGTGGACGCTGTGTGCGCGCTTCCATGTAG

>GBCA0158 |Acc|AF350327|Ver|AF350327.1 GI:13752441|Canis familiaris peroxisome proliferator activated receptor alpha mRNA, complete cds.

GCAGTTTCCCATTTGCCGCTCAAGTAGGGTCAACCTGATTTCTCTTCCAAGGTGGTGGAGAGTTGGGGA  
GAATCCAGAGGACATATCGTAACCGTTTCTCTTTTACCTCCGAAGTCCCAAGGCTGCAGGGAGGGGACC  
GGCCCTGCCTCGGCCTGGGCTCCCGGTGAGGCGAGCTCAGAGGTTCGGCCGGGCCGCCACAGGTTGGGGCT  
CAGTACATTTCCAGAACCATCCAGTCAAGATGGTAGACACAGAAAGCCCGATTGCCCCCTCTCCCCCT  
TTGAGGCTGATGACCTGGAAAGCCCGTTATCTGAGAATTTCTACAAGAAATGGGAACATCCAGAGAT  
TTCTCAGTCCATTGGTGGAGATAGTTTCTGGAAGTTTATGTTTACAGAATACAGTATTTAGGAAGTGGC  
CCGGGATCAGATGGATCTGTTATCACAGACACGCTCTCACCAGCTCCAGCCCCCTCGTGGTCCAGCACC  
CGGCGGCTCCCGGTGGTGGCGAGGAACCTTCCAGCGTAGCCTTGAACATTGAATGCAGAATCTCGGGGGA

GAACTTAAACGGGGTCCCAGGCTAAGGGGCCAACATGGGCAGCTCCCAGGGCAGCTCCCTGCAGCGTG  
GGCGTCTGCTCCTGCCAGAGGCCGTAGCGTTCAGGCCCCGGGCTCACTGCAGTCAGGAGTGGGAGC  
CGAGCTGGGAAGCTGCCTGCATCGCGTCGGCGAGAATGGCGCTGCTCAAAGTCAATTTGACCAGAAGA  
AGAGGGTGAAGTTGGCCCAAGGGCTCTGGCTCATGAATGGGCTCCGTTGTTGGCTGGCATCGTCACTCT  
CAGCCTAGGGCTGTTCTTAAAGATCGAGTGCGGGAAGAGGAGCGATGTGATGAATAATTAGAGAGCCAT  
TTTGTGCCCAACTCCTTGATAGTATGGGGTGCTGTCTGTCTCTCAACTCTCTGGCTGGCAAGATCT  
GCTACAGTCCGCTGACCCCGCCAAGTAGCGCAAGTGAAGCCCTGGCTGAAGCCGTACTGGCTGTCTG  
TGTCTCTTCAACATTGCCCTCTTCCCTGGTGACCCCTCTGCTGCTTCTGTATGCGGGGCTCACTGGAGAGC  
ACCTTGGCCCCAGGGCTCAAGAACCGGCATGAAGTACTACCGAGACAGATACCCCGGCGAGGTGTTTTCA  
TGAAGAAGACCATCGACATGCTGCAGATTGAGTTCAGATGCTGTGGCAACAATGGCTTCGAGATTGGTT  
TGAGATTCACTGGATCAGCAATCGCTACTTGGACTTTTCTCCAAAGAAGTCAAAGATCGCATCAAGAGC  
AATGTGGATGGGCGATACCTGGTGGATGGTGTTCCTTTCAGCTGCTGCAACCCAGTTCTCCACGGCCCT  
GCATTTCAGTACCGCTCACTAACAAATTCCGCGCAGTACAGTATGACCCAGGACAGAGGAGCTCAACTT  
GTGGGTGAATGGCTGCAGGGCTGCCCTGCTGAGCTACTACAGCAGCCCTCATGAATCCATGGGTGCTGTG  
ACACTACTTGTCTGGCTCTTTGAGGTGACCATCAGCATTTGGCTTGGCTACCTACACAGCAGCTGGAAG  
GTGTGTCCAACCTTCTGAAGACCTGAATGTGAAAGCGAGGGCTGGCTTCTGGAAGAGCGTGTGCGAGAC  
TTGGAAGGCCCTTCTGGAGAGCTTGAAAGTTGGGCAAGAGTAAACAGGTGGAAGCTGAGGGTGCAGAG  
CAGGCCAGGCCCCAGAGGCTGGCTGATGGCCCCAGGGCCCCCTCCTGCGACATGAAAGTAGTTGG  
ACTCCAGGAAAGTGGATACCCCCCTCATCCAATCTGAATCTCCCAAGGAGGGCAGCCATCTTACAACTC  
TCTTGTGATGGTGGGATTTAAAGTTTAGGATCCCTAAAAGCATTTGGCAAAACATTGTTAAATGATTGACT  
TAAAAATGAATGAGCCTCTATTTCAGGCCCACTCATGGTGGACTCAGGGGGCCCTCTTAGTGGATCACTCT  
TAAAGACATGAATTTAGTTTCAGTTCCACCGGGAGTGGACTACACTACTACTGGACACACTGAGGGCAGTT  
CCCCTTTTAAGAGTCTGCCATTACAAGCTCCAAGTTGCTTCATTCTATATTCAAAGCATCACTTGTTGCA  
TAAGCAGAGAAGCTTAAAAAAATTTACTGCGCATGCTGTGATGTTTTTTTTAAATGCCAATATTGACAGG  
TCAGCCATTTTATTGTATAATTTGGAAGTTGGGGATGTTATCACTTTTCTAAGAGAAATGCATCTCCA  
AAGCACTGGGGGCTGCAGAAGGAATTTCAACGATGGGGCAACAACTTAAGACAGGATATTTTTT  
CCTCACCAAATACATAGTTAAAGGCTATTTCTGTGTCAATTCTTATGCCCTCACTTAGCCTGGAGTGAG  
CTATGGGCTAGGAAGCTCAGGTTGTTAGCATATTTCTGCAACATCCCAACCCTAAGCTGCCACGCAACCT  
CCTTTGGCTTATCTGTGAAGCACTGGTTAGATGTTGCTTTTACTGGAAGGACGACAGCATAGTAGC  
AAGAGTCCACTCTTTGGAGACCAGGCCTCACCTCTTGGAGGGGCCAGGAACACCCATACAGGTGGCCATG  
ACAGCCCCCATGGACAACATGAATGTCTACAGTGGAGGGCAAAACATCCTCTGGGAGCTTCTCTCTGT  
TTCCTTCCCCAGCTACCCATCCTGCAAGGCAATATTTCTGGAATGCTCCATATTTAAAGAAAGATTCTGT  
GAGACAGTCCATCTTTCTGCGCTAGTGACAGTAAAGAGAAGTTTAAATTTCTCTCAGAAAGCGAAAAA

[illegible]

AACACCAGTTATATAAGGACACAGAGCAAGGCTGCTGCACTCCACCATCCAGTAATAGAGGCACCGGCTC  
TCAGTCAATGGAGCAGAGCTTTTCTGTCCCTCCTATGAGGCACAGCCCATTCGCTTTGGGGGTTGAGAAG  
CCACAGTCTCTCCTATCAGCTAAACCTTATTGCAACAAAGGGCCCCAGATCCACCACACCAAAATGAAGC  
TGATTCACTGA

>GBCA0161 |Acc|AB038563|Ver|AB038563.1 GI:13516834|Canis familiaris MAOA mRNA for  
monoamine oxidase A, complete cds.

ATGGCGAGTAGAGAGAAGACGAGTATCGAGGGCCACATGTTTGACGTAGTCGTGATAGGAGGCGGCATCT  
CAGGATTGTCTGCTGCCAAACTCTTAGCCGAACATGAAGTTGATGTCTTAGTTTTAGAAGCACGAGATAG  
AGTTGGAGGAAGAACATACACCGTGAGGAATGAACATGTCGATTACGTAGATGTTGGTGGGGCTTATGTA  
GGACCAACTCAGAACAGAATCTTACGACTATCTAAGGAGCTGGGTCTAGAGACTTACAAAGTGAACGTAA  
ATGAGCGTCTTTGACAGTATGTCAAGGGGAAAACCTACCCATTCGAGGAGCCTTTCCTCCGGTATGGAA  
TCCTATCGCATATTTGGATTACAACAACCTGTGGCGGACAAATGGATAACATGGGGGAAGGAGATTCCAGCA  
GATGCACCATGGGAGGCCCCACATGCCGAGGAATGGGACAAGATGACTATGAAGGATCTTATCGATAAAA  
TCTGCTGGACAAAGACTGCTAGGAGGTTGTCATCCCTCTTGTGAATATCAATGTGACCTCTGAGCCCCA  
CGAGGTGTCTGCGCTCTGTTTCTGTGATGTGAAGCAGTGGGAGGTACCACTCGGATATTCTCGGTG  
ACCAATGGAGGCCAGGAACGGAAGTTTGTGGGAGGATCCGGTCAAGTGAGTGAACGATAATGGAGCGCC  
TTGGGGACAGAGTCAAGCTGAAGCGCCCTGTACCTATGTTGACCAGTCAGATGACAACATCATCATAGA  
GACACTGAATCATGAACCTTTATGAGTGCAAATACGTGATTAGTGCCATCCCTCCAACTTTGACTGCCAAG  
ATCCACTTCAGACCAGAGCTTCCATCAGAGAGAAATCAGTTAATTACGCGTCTTCCAATGGGAGCTATCA  
TCAAGTGTATGATGTATTACAAGGAGGCCTTTTGGGAAGAAGGATTACTGTGGCTGTATGATCATTGA  
AGACGAGGAAGCTCCAATTTCAATAACCTGGATGACACCAAGCCAGATGGATCACTGCCCGCTATCATG  
GGCTTCATACCTTGCCAGAAAAGCTGACCGACTTGCCAAGCTCCATAAAGAAATAAGGAAGAGGAAAATCT  
GTGAGCTCTATGCCAAAGTGCTAGGATCCCAAGAAGCTTTACAACCCGTACACTATGAAGAGAAGAATCT  
TGCCAGGAGGACGACTTCCGCGGGCTGCTATACCGCCTACTTCCCCCTGGGATCATGACTCACTACCGA  
AGGGTGATCCGCCAGCCATTTGGCAGGATTTACTTTGCTGGCACTGAGACGGCAACACACTGGAGCGGTT  
ATATGGAAGGAGCTGTAGAGGCTGGGGAACGGACAGCTAGAGAGGTCTTAAATGCTCTCGGGAGGGTGGC  
AGAGAAAGACCTGAAGACCCAGGAACCTGAATCAAAGGATGTTCCAGCTATGGAAATCACCCACACCTTC  
TGGGAGAGGAACTGTCATCGGTGACAGGCCTGTGAAGCTCATTGGATTTACCACATCAGTAACCTGCCC  
TGTGGATTGTGGCTACAAATTCAGGCTGCTGAGACGATCCTGAGTCTTCAGCCCCACACTCTCTGCTTA  
CTCTTCCCCAGCACCATCAAAAGCAAAATGTGCAAAAGGCTGTGTCATTGGACCATCTTTAAATGCACT  
GATTAAAGTTTAACTCTTAGTCAGTGCATAAGT

>GBCA0162 |Acc|AF343440|Ver|AF343440.1 GI:13507386|Canis familiaris lysosomal H<sup>+</sup>  
transporting-ATPase subunit M9.2 (ATP6H) mRNA, complete cds.

CAGGGGCTTGCGCCTCCGCGGCAGCCATGGCGTATCACGGCTCACTGTGCCTCTCATCGTGATGAGCGT  
GTTCTGGGGCTTCGTCGGCTTCTGCGTGCCCTGGTTTATCCCTAAGGGTCCCAACCGGGGAGTTATCATC  
ACCATTTGGTTAAGCTGCTGTTTGGCTGCTATCTTTTGGCTGATTGCAATTTCTGGCCCAACTCAACC  
CTCTCTTTGGACCACAGTTGAAAAATGAAACCATCTGGTACCTCAAGTATCATTGGCCTTGAGGAGGAAG  
ACCTGCTCTCCAGCGCTCAGTCACTGAGGTCACGAAGAGAATTCCTCTAGATGCAAAATCAACTCCAAC  
CCAGACCGCCTTCTTTGACTTGCCCTATTTTGGCCATCAGCTGCCTTAAACATTACACCATATTTGAATA  
TCTTATTTCTACAATGCAGTATTTTTTCTGTTGCTTTTTTTACATTTTGTGAATTTATGTGCCTACTTA  
AACTGTGCTGACTCCATAAAATGTTTATGCACTCTTCTGAGATAGAGGGTGTATTTCTCTGAGAAATAC  
ATTGCTCTCTCCTTGAACCTGTGAATTTGAAGATGACTCCTGCCTGGTCAACATGAGAATCAGCAAA  
GTGTTTAAAAACTGTCAACAAGACAAGGCAGTCAGTAGGAGAGCATGTTTCAGAGGGAATATCTGTCCCAAC  
AGAATTAACACCAAGTATATTTTTCAGGATGGCTTTCTTATTTCTGCCATCTACTGGAATAAATTATTTT  
CAGCTTTCTGTGG

>GBCA0163 |Acc|AF334948|Ver|AF334948.1 GI:13383985|Canis familiaris B2 bradykinin  
receptor (Bdkrb2) mRNA, complete cds.

GCGGCTCCTAGGAGGACTGAGACATCAGGCAGTCTGCAGGACCGAGGGAGCTCTCTAGGTGCCACAGT  
GGCTTGCTCTGGGCAAGAGGGGTCCCAGGAGGACAGGAGGTCCCAGGACAAAGAGAGAGCCAGCAGTCAG  
CCCAGGAGCCTCATTACATCCACCCCTGAGTCCAAATGTTCTCTGCTGGAAGAGACCGATGTTCTGT  
CTTTTCATAGGAGCCCTGTGCCACTACAGCCTCTCTCAGCACTGAAATGTTCAACAGCACCTCGCAAGA  
CCTCATGCCACTCTCAATGGGACCTGCCCAGTCCCTGCGTCTACCCGAGTGGTGGAACTGGCTTAAC  
ACCATCCAGGCCCCCTTCTCTGGGTCTGTTCATACTGGCCGCCCTCGAGAACCCTCTTCGTCTCAGCA  
TCTTCTGCCTCCACAGAGCAGCTGCACGGTGGCTGAGATCTACCTGGGCAACCTGGCCCTGGCAGACCT  
GATCCTGGCCTCCGGGCTGCCCTTCTGGGCCATCACCATCGCCAACAACCTTCGACTGGCTCTTCGGGGAG  
GTGCTGTGCCGCTGGTGAACACCATGCTTACATGAACCTCTACAGCAGCATCTGCTTCTGATGCTGG  
TGAGCATCGACCGTACCTGGCCCTGGTGAAAACCATGTCCATGGGCGGATGCGCGGGGTGCGCTGGGC

CAAGCTCTACAGCCTGGTGATCTGGGGGTGCACGCTGCTCCTGAGCTCGCCCATGCTGGCCTTCCGGACC  
 ATGAAGGAGTACAGAGACGAGGGCTACAACGTCACCGCTGCGTCATCATCTACCCGTCCCGCACCTGGG  
 AAGTGTTCACCAACGTCTCTGAACTTCGTGGGCTTCTGCTGCCCCGACCGTCATCACCTTCTGCAC  
 GGTGCAGATTATGCAGGTGCTGCGGAACAACGAGATGCAGAAGTTCAAGGAGATCCAGACGGAGAGGAAG  
 GCCACGGTGCTGGTCTGCGCGTGCTGCTGCTCTTCGTCTATCTGCTGGCTGCCCTTCCAGATCAGCACCT  
 TCCTGGACACGCTGCTGCGCCTCGACATCCTGTCCGGCTGCCGGCATGAGCACCTGGTGGACGTCTTCAC  
 GCAGATCGCCTCTACGTGGCTTACAGCAACAGCTGCCTCAACCCGCTGGTGTACGTGATCGTGGGCAAG  
 CGCTTCCGCAAGAAGTCCCGGGAGGTGTTCCGGGGACTGTGCCAGAAAGGGGGCTGCGTCTGGAGTCCA  
 ACAAGATGGACAACCTCCATGGGCACCTGCGGACCTCCGTCTCGGTGGAGCGCCAGATTACAAACTGCC  
 CGAGTGGGCGGAGAACAGCCAGTGAGGGGGCCGCGGCCGCCAGGACCACGGTTCGTGTGTGTGAGGACCGG  
 GGGACAGCAGAGCTTCAGGATATGCTGACAAGGAATGGCAGGCAGGCCACGTGTGTGGCCTCGGCCAAT  
 AAGTCGATGTCTGTGTAACCCAGGAGCTTGGCTCCTGTCCCATGCAAGCTGCAGGGGGTCAAGGCCGG  
 GAGGGTGGGGTGGCCTCACACCCAGCCAAGGGGGCCCCATAAACACGACAGTATTATTGTCTCATTGTC  
 ACCGCTCTGGGCCAGTCTGCATCTTCCAGGAGTGAAGGGCCTGGGGACAGGGACAGGAGTGA

G

>GBCA0164 |Acc|AY026462|Ver|AY026462.1 GI:12746560|Canis familiaris interleukin-1  
 receptor antagonist mRNA, complete cds.

GTGACTCCGAGATGCGGTGTCCCGTTCGCTGCTGGCCACCGAATGGAAACCTGCAGGTGTCTCTCA  
 GCTACCTAATCTCTTCTCTCTTCTGCTCCCATTCAGAGACAGCCTGCCGTCCCTTGGGGAAGAGACC  
 TTGCAGGATGCAAGCCTTCAGAATCTGGGATGTTAACCAGAAGACCTTCTACCTGAGGAATAACCAACTA  
 GTCGCTGGATACCTGCAAGGATCAAATACTAAATTAGAAGAGAAGTTAGATGTGGTCCCGTCGAGCCTC  
 ATGCCGTGTTCTTGGGGATCCATGGGGGGAAGCTGTGCCTGGCCTGTGTCAAGTCTGGAGATGAGACCAG  
 GCTCCAGCTGGAGGCGCTTAACATCACTGACCTGAGTAAGAACAAGGATCAAGACAAGCGCTTTACCTTC  
 ATCTCTCAGACAGTGGCCCTACCACCAGCTTGTAGTCTGCTGCCTGCCCTGGCTGGTTCCTCTGCACAG  
 CACTGGAGGCGGACCGCCTGTGAGCCTCACCAACAGACCAGAAGAGGCCATGATGGTCACTAAGTTCTA  
 CTTCAGAAAGGAATAATAGTGTGTCCATTCCGTGCTTCCCCCCCCACTCCCAACACATCAATGACTCCAGA  
 GATGCCTCTCCATTCTGCCTGGGGTCTCCTGGCTGTGGTGGAGGCTCTGAGGAGCAGCCTCGGTGGGGTG  
 GACCTCAGAAAGGATGTATGAGAGCCCTGGTAACGGGACCTGCCTCCAGCCTCCTCAGCTAGCCAACT  
 CAATGCTGCCACCACAGTGGTCTTTCTAAAGTGCACTCTAGCTGCAGCACTGCTCCAGGCCTTTAGGG  
 CTGCTCTGCCTTCTGGATTAAAGCCAGGCTGCTTGGCCAGCCTGGCCCCCTGCTCTCCTCTCCGTAAC  
 CTTGTCTCTCCTCCCTTCCCCCATGTCCATGTCTGGATCCCTCTGCCCCCTTTGCTGGCCTCCCAAACT  
 TTGTGTTTTGCAAACCGAAAAAATAAAGCATCCGGTACCTCTAGATCAGAA

>GBCA0165 |Acc|AF191546|Ver|AF191546.1 GI:6179931|Canis familiaris tektin mRNA, complete  
 cds.

ACACCAATGTGGAGGGGAGACGCGCGGTTTACCCGCCGGGTCTGCGGGGGCCGAGCTGCAGGTGGGGTG  
 CGAACCTGTGTTTACGCGGTTCCCGAAGCGCCACGGCTAGTGCAGGCGGCCACTCTCTGACCCCTGCCT  
 GGAACCCCGGCCAGCCCCCGCGGCTCCTCTCCACCTCCCTGGGCTGCTCGGGACTTTGGAAAGCAGA  
 AATGGCCAACTCCTCCAACCTTACCCAAGTCTTGCCTGAAGAGTGGCACATCGCTAACAAGAACCCAG  
 TACCACAGAGCAGAGGCCCAAAGGTCCCGTCCGAACGCTGGTGGCAGAAAGCCAGAGGCTTGTGGATG  
 AGATTGAAAAGACCACAAGAAAGTCTCAGAGCGATGTAAACAAGAACTAGAACAGAGACTCGAGGAAGT  
 CAGGTTCTGGAAGAAGGAGCTGGATGACAAGCTGGAGCAGCTAGTGTGCACCACAGAGGACCTGCTCACT  
 TATCAGACTAGGCTGCAGAACGCCCTGGAGAGCCTGAAGGAGCCCCTGACATCACCCAGATGTGCCTGG  
 AATACAGGGACAAGCGCATTGGCATCGACCTGGTGCATGATGAGGTGGAACAGGAGCTGCTGAAGGAGGC  
 TGAGGTATCATCGGGGTATGGCCCTGCTGACCCGCACCATGGATGAGGTGACTGAGCAGATCAGGCTG  
 AACCGCTCCGCCAAGTACAACCTAGAGAAGGATTTGAAGGACAAGTTTGTGGCCTTGACCATCGACGATG  
 TTTGCTTCTCCCTCAACAACACTCCCCAGGCATCTACTACTCGGACAGTGTGTGAGAGTTGAGCCACA  
 CTCGTGAGTCTGGAGGACTGGTGGACTTCTCCAACCAATGTGGAGAGGCGGAACAGGCAGAGAAAC  
 AACTCCCTGGCGCTGAAGGCCCTGGTGGACCGGATCTGTCCCAGACAGCTGACGACCTGCGCAGGCAGT  
 GTGACATGGTGGACACGGCATTCCAGATGGGGCTGAAGGAGACCAAGGCCGCCAGGGACCAGTGGCTGC  
 CCACCTGGCCAAGGTATGGAAGAGATCGCATGCCAGGAGAAGACATGACGGTCTCTGGAGAAGGCCATC  
 CTTGATCAAGAGGGGCTGCCAAGGTGGCTCACACGCGCTGGAGACCCGAACACGACGAGGCCAACGTAG  
 AGTGTGCCGCGATGTCGCACAGTACCGGCTGGTCAAGGAAGTCGGAGAGATTGCCAGAATGTCCGAAG  
 GCTGAAGGAGGCCCTGGCACAGGCGCAGGTGGAGCTGAAGGGCCTGAACCGCCGGCAACTGGCGCTGCAG  
 GAGGAAGTCCAGGTCAAGGAGAACCACATCTACATCGACCGAGTGTCTGCACCCACATGAGGAAGTCCA  
 ATCCCCTGCCGGATGGGGGACCAAGGCCAGTGGGCCAGGCGCTGCGCCCCGACACCATCTGCTGAGGA  
 TGGCACTTCACACAGTATTAAACCTGGTCAACGCTCAAAAAAAAAAAAAA

>GBCA0166 |Acc|AJ277753|Ver|AJ277753.1 GI:12049570|Canis familiaris msx2 gene for Muscle

Segmentation Homologue (MSX2 protein).

ATGGCTTCTCCGTCCAAAGGCAGTGACCTGTTCTCGTCCGATGAGGAGGGCCCCGGCGGCTGGCCGGGC  
CGGGCCCCGGGGCCCTGGGGGCGCGGAGGGGGCGGCCGAGGAGCGCCGCGTCAAGGTCTCCAGCCTGCCCTT  
CAGCGTCGAGGCGCTCATGTGCGACAAGAAGCCGCCAAGGGGGCGTCCCCGCGGCCGCGCAGACAGCGCC  
TCTGCCGGGGCCGCCCTGCGGCGCGCTGCTGCTGCCGGGACACGGCGCCCCGGGAAGCCCCCAGCCCCGGGC  
CGCCGGGGGAAGCCCTTCGAGGCGGCCCTCGGTCAAGTCGGAGAGCGCCGAGGACGGAGCCGCGTGGATGCA  
GGAGCCCGGCAGATACTCGCGCCGCCAAGACATATGAGCCCCACCACCTGCACCTGCGGAAGCACAAG  
ACCAATCGGAAGCCGAGAAGCGCCCTTACCACGTGCGAGCTCCTCGCCCTGGAGCGCAAGTTCGCCCAGA  
AACAATACCTCTCCATTCAGAGCGCGCGGAGTCTCCAGCTCTCTGAACCTCACAGAGACCCAGGTTAA  
AATCTGGTTCAAAACCGAAGGGCCAAAGCGAAAAGACTGCAGGAGGCAGAACTAGAAAAGCTGAAGATG  
GCTGCAAAACCTATGCTGCCCTCTGGCTTCAGCCTTCCTTTCCCATCAACTCGCCTCTGCAAGCAGCAT  
CCATATACGGAGCGTCTACCTTTCCATAGACCTGTGCTCCCATCCCCGCGCGTCCGACTCTATGCGAC  
CCCAGTCGGATATGGCATGTACCATCTATCCTAA

>GBCA0167 |Acc|AJ388551|Ver|AJ388551.2 GI:6687240|Canis familiaris mRNA for bHLH protein  
Hesr-1/Hey1, clone BC8..

CGGGAGCGGGCGCAGTGTGCGCGGGACGCGAGCCCCGAGCGCGCAGAGGCGCGCGCTGAGAGCCCCC  
CGGCCCGCGCGCGGACCCGCGCGGAGCCCCGCGCGCAGCCAGCATGAAGCGAGCCACCCGACT  
ACAGCTGCCCGAGACGCGGAGCTGGACGAGACCGTCGAAGTGGAGAAGGAGAGCGCGGATGAGAATGGAAA  
CTTGAGTTCGGCTCTAGGTTCCATGTCCCCAACTACATCTTCACAGATCTTGGCCAGGAAAAGACGAAGA  
GGCATCATTTGAGAAGCGCGCAGCGGACCGGATTAATAACAGTTTGTCTGAGCTCAGGCGGCTGGTACCCA  
GTGCTTTTGAAGAAGCAGGATCTGCTAAGCTAGAAAAAGCCGAAATCCTGCAGATGACCGTGGATCACCT  
GAAAATGCTGCACACGGCAGGAGGAAAAGGCTATTTGACGCGCACGCCCTTGCTATGGACTATCGGAGT  
TTGGGGTTCCGGGAGTGCCTGGCGGAGGTGGCCCGATATCTGAGCATCATTGAGGACTGGATGCCTCCG  
ACCCGCTTCGAGTTCGGCTGGTCTCCACCTTAACAACACGCTCCAGCGGGAAGCGGCCAGCGGCGC  
CCACGCAGGCCTGGGACACCTCCCCTGGGGCAGCGCCTTCGGACACCACCGCACGTGCGGCACCCCTG  
CTGCTGCCCGCAGAGCGGCGACGGGAACACTGGCACCGCGCCTCGCCACGGACCCGACCCAGGGCA  
GGTTGGCTGCGGCGCATCCGGAGGCGCGCCGCTTGCAGCGCGCCCCCTAGCGGCGGCTCGGACCGGTGCT  
CCCCGTGGTCACCTCGGCCTCCAAGCTCTCGCGCCCGCTGCTGTCTCGGTGGCTTCCCTGTGCGCCTTC  
CCCTTCTCCTTTGGCTCCTTTACCTCCTGTCTCCCAATGCAGTGGCCCTTCGGCACCCACGCGGCG  
CAAACCTTGCAAGCCCTATAGACCTTGGGGGACGGAGATTGGAGCTTTTAAAGACCCGACGCTGTAGG  
ATGGAGGGAGGGGAACACCTAAAGGCCAGCTGAGCTGGGCTGTGGCCAACATCACCTTAAAGTCTCAG  
TAAAGTAAAGAGGAGAAAAGGTACACGTTTCAATCAATTTTGTGTAAGACTAAAGGTTTGTGGTTTA  
CTTTTTCTTTTTAATGTTTTTTTTCTTTTTTAAATCAGGTCCCGTCTTAGCAGTTTTTAAAGCTA  
GTTGTTAAATTTGTTTCCAAACATTACATTGAAATAGTGATATAAACC

>GBCA0168 |Acc|AJ388557|Ver|AJ388557.1 GI:5441614|Canis familiaris mRNA for zinc finger  
protein, clone BC3.

CAACTTCCGGCCCGCGCTTCGGGCTCCCGGCTCCGCGAGGCGCACCTGCCCGAGTCCGAG  
CCGAACCTTTGAGACCCAGGCATGGAAGTCTCAGTGTGCTGTGAAAAGCAGGCTGGTCAAATTCCTTT  
ACAGTCTTCCCTCCACCTGCCATTTACCCACCTCCTTGGGATGAGCTAAGAGATCCAATGATGGCCGTC  
AAGCAGCTCCTTCTGCTGGGTCCAGGTTTTGGTTTTCTTTGAAGACGTGGCTGTGCTACTCTCCCGGG  
AGGAGTGGGGCGCTCTGGGCCCTGCTCAAAGGGGCTCTACAGTGATGTGATGCTGGAGACCTACAGGAA  
CCTGATCTCACTGGGACTTCAAGGTTTCGAAACCTGATGTCTATCTCCAGGCTAGAGAAGGGGGAAGAGCCA  
TGGGCCCCATACTCAGCGAAAATTGAGGAGAGCTGGATCCGGAGTCATGAGAGTGAAAGTTTTAGTCTC  
TGATGGAAAAGAAAGGATTGACTCCAAAACAGGAAATTTCCAAAGCAATGGGGTTCCGGAGAGCAAAGTC  
AGAATATGTAGGAATGTTTCAAGGAATCTGAGTTTGAAGAGATGAATAAAACCAAGGGAAGTTAAAG  
AATTACAGGAAAAAATCTGCAAGGAGGAAGAACTTAAGAAATCCTTCTCCAGAGAAGACAGTTCCAGGCCAG  
TGACGTTGACACATGTGAAATCCCTGTTTCAGGAAAAGGCCAAAATCCAGTCTCTGGAGGTAGACTA  
CACTGTAGATGCAAGCCCTGTGAGATTTATAGAGCATCTACAGGGGGTAGTCTCCACCAGAATGTGCCA  
TGTGTAAATGACTTTCAACAAAGTCAGGACCTCATTATCTCCAGTGTTCATCTAGGAGAAAGACTTT  
GTCAGACAGATCTGTTTATGAGGACCCAGGACAGTTAGTTCTCAGTGAGATCAGAGGGTTAACAA  
TCCAGAAAATCCTTTGAATGTACTGAGTGTAGAAGACTTTTCAGCCCAAGCAAAGCTCTGTCTCAGCAT  
CAGAGAAGTCACACTGGAGAGATACCTGTGAGAGTGGTGGATGTGGAAGAACTTCCACCACCTGCTCTG  
TCCTCAGCCAACATCAGGAAGTTACCATGGAGGGGAGTCCCATACCTGTGCTGAGTGTGGCAAAGCTTT  
CAAGGCCATTTCTGTTTATTCAGCAGCATAAACACTCACACAGGAGAAAGGCCTTATGAGTGCAGTGAG  
TGTGCACATTTATCTTACAGTCAACATCTTCAAATTCATAGTGGGCAGAAACCTCATGAGTGTAGTCAGT  
GTGGAAAAGCCTTTAGTCATAGTTCTAACCTGTTTCATCATCAGAGAATTCATAGTGGAGAGAAACCATA  
CGAGTGTAAGGAATGTGGGAAGGCGTTCCGTTAGGCACTCGCACCTCCTTCAGCATAAGAGAATTCATTCT



GGAGAGAAACCTTATGACTGTACTGAGTGC GGCAAAGCCTTCAGTGCACGGTTATCTCTCATTTCAGCATC  
AGAGAACTCATACAGGAGAAAAACCTATGAATGCAATGAATGTGGGAAATCCTTAGCCTGAACCGAAC  
CCTTATTGTTTCATCAGAGGATTCACACTGGAGAGAAAACCTATAGGTGTAATGAATGTGGGAAATCCTTC  
AGTCAGCGTGCACAAGTCATTTCAGCACAAGAGAATTCACACTGGAGAGAAGCCCTATGTCTGCAATGAGT  
GTGGAAAGTCATTTCAGTGTCTCGCTTGTCCCTCATCCAGCATCAGAGAATTCACACTGGAGAAAAACCTTA  
TGGATGCAGTGTGAGTGTGGGAAAACGTTTCAGTCAAAGGGACATCTGATTTCAGCATCAACGAATTCACACT  
GGAGAGAAAACCTATGAGTGTAAATGAGTGTGGAAAAGCCTTCAGCCAGAGTTTTAATCTTATTTCATCATC  
AAAGGACACACAATGGTGAGAAGCCCTATGAATGTAATGAATGTGATAAAGCCTTCAGTGTCTCTCTTC  
CCTTGTTCACATCAGAGGGTCCATAATGGTGAGAAGCCCTATGAGTGTCAAAATGTGGGAAGGCCTTT  
AGCCAGGGCTCGCACCCTCATTTCAGCATCAGAGGAGCCACACTGGAGAGAAAACCTATGAGTGTAAATGAGT  
GTGGGAAAACCTTGGGCAGATATCCACCCTAATTAAGCATGAGAGAACACACAATGGAGAGAAAACCTTA  
TGAGTGTGGTGAATGTGGGAAAAGCCTTCAGCCAGAGTGCACACCTCGTCCGCCATCGAAGGATTTCACACT  
GGAGAGAATCCCTATGAGTGCAGTGTGAGTGTGGGAAAAGCCTTCATGTCCGTTCCCTCTCTTGTTCAGCATC  
ACAGAATTCATACAGGGGAGAAGCCTTATGAATGCGAGAAGTGTGGCAAGGCCTTCAGTCAGCATTTCACA  
ATTTATTTCAGCATCAGAGGATTCACACTGGAGAGAAAACCTATATTTGCAATGAATGTGAGAAAAGCCTTC  
AGTGCACGTTTTATCCCTTATCCAACACAAGAGAATTCACACAGGGGAGAAAACCTTACAAATGCACTGAAT  
GTGAAAATCCTTCCGACAAAGCTCTCACCTTATTCGACATCAGAGAGTTCACAGTGGAGAGCGACCTTA  
TATGTGTAATGAATGTGGGAAAACCTTTAGCCAGAGAATAACTCTTACTAGTCATGAGAAAACCTCACACC  
AGAGAGCAAGCTTATAAGTGTGTTAAACGTGAGGACCTCTTAAGTGCACAGTCAGCTTCCATTTCAGCACC  
ATAAAGTTTCACAATGGAGAATAACATCTTTATTCAATAAAGTCTTCACTATTTTACATCAGGAGCAGTAT  
ACTGATGGGAAGCCATCACTTTTACAGCTTTCATTTTGGAGATTTATCTCTTAAGTGATTTAACAGTCTC  
CCAGTGCAGTGTAACTAAAAGCAAGATGCCAAAATATGTGGCAAAAATTCGAAGGTCACATGCCATCCC  
TTAGATTCAGAGGGTGGATCTATGCTTGAGTATTTTAAAGGATCAAAATTAATTACACTTACTCAAGAT  
TGTGTTTTCATAGCACCAGACTTTAA

>GBCA0169 |Acc|AJ388540|Ver|AJ388540.1 GI:5441582|Canis familiaris mRNA for partial  
splicing factor SRp55-1 (srp55-1 gene).

AAAGTCGNTCCGATCCAGTCTCGGAGCAAAGTTCGATCACGTTTTTCGATCAAAAGGCAGGAAATNTAG  
ATCAAAAAGCAAATCTAAGCCCAAGTCTGATCGGGCTCCCGTTCCGCTCTCGAAGCAGATCTAAGGAG  
TATGAGAAATCTCGAAGCAGTCTCGCTCTCGATCTCGTTCCCCCAAAGAAAATGGAAAAGGTGATATAA  
AGTCAAAGTCTAGGTCAAGAAGCCAGTCTCGTTCAAATTTCTCCCTTCCCTGCTCCACCCTCAAAGCACG  
TTCTGTGTCCCTCCACCAAAAAGAGCTTCAAGATCCCGTTCTAGATCTCGTTCAAAGTCCAGGTCAAGG  
TCCAGATCGAGTTCAGAGATTAACCTAGAACTCTACATTCTTTGCACACTATTATGGAACACTTTCTTA  
CTTGCTTAGGCAGTTACTCTCCATGTTTGTACTTGGCCTCTTCTGCAAGAGGAATCTCCTGAAAATGGG  
GGCACACAGAAATTTGATTTGTGGCCAAATTTGATGGAAAAAAATGAGGTTCTAAGGAAATGGTGGCAT  
GAAGACCTCTCAC

>GBCA0170 |Acc|AJ388536|Ver|AJ388536.1 GI:5441576|Canis familiaris mRNA for partial ras-  
related rho protein (rho gene).

CGCATCCAGCCTACGACTACCTCGAGTGTCTCGGCCAAGACCAAGGAGGGCGTGCAGGAGGTCTTCGAGA  
CGGCCACGCGCGCGCTGCAGAAGCGCTACGGCTCCAGAACGGCTGCATCAACTGCTGCAAGGTGCT  
ATGAGGGCCGCGCCCGCCCGCTGCCCTGCG

>GBCA0171 |Acc|AJ388535|Ver|AJ388535.1 GI:5441574|Canis familiaris mRNA for partial  
ubiquitin carrier protein (E2-EPF gene).

GCCAGTGGGGGTGCCACCCCTCCACTGACCCCATGGCCCCCGGGGGGCCAGGTGGAGCCGATGGCCCCA  
TGGCCAAAAGCATGCGGGTGAGCGGGATAAGAAGCTGGCATCCAAGAAAAGACGGACAAGAAGCGGGC  
ACTGCGGCGGTGTAGTGGGTTTTCTCCCGTTCTACCCACCCCTGACCCCAACCCCAACTCTGTCTC  
TAAGTTATTTAAATATGGCTGGGGTGGGGGAGGTGTGGGGGCACTGGGACCTGATTTGTTTTTCTAAAT  
AAAGTTGGAAGACCT

>GBCA0172 |Acc|AJ388523|Ver|AJ388523.1 GI:5441540|Canis familiaris mRNA for Ribosomal  
protein S17 (rpS17 gene).

CGCCAACATGGGCCGCGTGCACCAAAAACCGTGAAGAAGGCGGCCGAGTCATCATCGAGAAGTACTAC  
ACGCGCCTGGGGAACGACTTCCACCAATAAGCGCGTGTGCGAGGAGATTGCCATCATCCCCAGCAAGA  
AGCTCCGCAACAGATCGAGGCTATGTGACACATCTGATGAAGCGGATTACGCGGGGCCGCTGAGAGG  
CATCTCCATCAAGTTGCAAGAGGAGGAGAGAGAAAGGAGGATAATTACGTGCCCGAGGTTTCAGCCCTG  
GATCAGGAGATCATCGAGGTAGATCCTGACACTAAGGAGATGTTGAAACTCTTGGACTTTGGAAGCCTGT  
CCAACCTGCAGGTCACTCAGCTACAGTTGGGATGAATTTTAAACACCACGGGGAGCTGTTTGAATCTT  
TCTGC

>GBCA0173 |Acc|AJ388521|Ver|AJ388521.1 GI:5441536|Canis familiaris mRNA for Ribosomal

protein, L17/L23 (rpL17/L23 gene).

GTTCAAGATGTGCAAGCGAGGACGTGGTGGGTCTCCGGTGCAAAATTCGGATTTCCTGGGCCTTCCG  
GTAGGAGCCGTCATCAATTGTGCTGACAACACAGGAGCCAAAATCTGTATATTATCTCTGTGAAGGGGA  
TTAAGGGACGATTGAACAGACTTCCTGCTGCTGGTGTGGGGGACATGGTGATGGCCACAGTGAAGAAAGG  
CAAACCAGANCTCAGGAAGAAGGTACATCCAGCAGTGGTGATTGACAAACGAAAATCATACCGGAGAAAA  
GATGGTGTGTTTCTCTATTTTGAGGATAATGCGGGGGTCATAGTAAATAATAAAGGTGAAATGAAAGGTT  
CTGCTATTACAGGACCAGTCNCAAGGAGTGTGCAGACTTGTGGCCANGATTGCTTCCAATGCTGGCAG  
CATTGCATGATTCTTTGGTGTATTTGTTTTAAAAAAAATAAAAAATTATTTGTTCTC

>GBCA0174 |Acc|AJ388520|Ver|AJ388520.1 GI:5441534|Canis familiaris mRNA for partial  
Ribosomal protein S11 (rps11 gene).

GGAGGCCATTGAGGGCACCTATATTGACAAGAAATGCCCTTTACTGGCAATGTCTCCATCCGAGGGCGG  
ATTTTGTCTGGTGTGGTGACCAAAATGAAGATGCAGAGGACTATTGTCTATCCGCCGAGACTACCTCCACT  
ACATCCGAAAGTACAACCGCTTTGAAAAACGCCACAAGAACATGTGCGTGCACTTGTCTCCTTGCTTCAG  
GGATGTCCATATCGGCGACATTGTACAGTGGGTGAGTGCCGCCCTTTGAGCAAGACTGTGCGTTTCAAC  
GTGCTCAAAGTCACAAAAGCTGCTGGCACGAAGAAGCAGTTCCAGAAGTTTGGAGCAAGACTTCTGTCT  
ACACCCCTGAAGAAAATAAACTGTCTACACCCCTGAAGAAAATAAACTGTCTACACCCCTG

>GBCA0175 |Acc|AJ388519|Ver|AJ388519.1 GI:5441532|Canis familiaris mRNA for partial  
Ribosomal protein S18 (rpS18 gene).

AGCAGGAGAGCTCACTGAGGATGAGGTGGAACGTGTGATCACTATTATGCAGAATCCACGCCAGTATAAG  
ATCCCTGACTGGTTTTTGAACAGACAAAAGGATGTAAAGGATGGAAAGTACAGCCAGGTCTGGCCAATG  
GTCTGGACAACAACTTCGTGAAGACCTGGAGAGACTGAAGAAAATTCGAGCCACAGGGGGCTGCGCCA  
CTTTTGGGGACTTCGTGTCCGAGGCCAGCACACCAAGACCACAGGGCGCGGTGGTTCGACCCGTGGGTGTG  
TCCAAAAAGAAATAAACCTGTAGGCCTTGTCTTGTAAATAAATCGTTTATACACT

>GBCA0176 |Acc|AJ388518|Ver|AJ388518.1 GI:5441530|Canis familiaris mRNA for non-histone  
chromosomal protein HMG-17 (hmg-17 gene).

GGCGAGAACGACCCCGGACCGGCCAAAGCCCGCTGCCGCCGATCCCCGCTCCAGCGCTTACGTCCC  
GCCGCCGTCGCCACCATGCCCAAGAGAAAGGCTGAAGGGGATGCTAAAGGAGATAAAGCCAAGGTGAAGG  
ATGAGCCACAGAGAAGATCTGCAAGGTTATCTGCTAAACCTGCTCCTCCAAAGCCAGAGCCCAAGCCTAA  
AAAGGCCCTGCAAGAAGGGAGAGAAGGTACCCAAAGGGGAAAAGGGGAAAGCTGATGCTGGCAAGGAT  
GGAAATAATCCTGCAGAAAATGGAGATGCCAAAACAGACCAGGCACAGAAAGCTGAAGGTGCTGGAGATG  
CCAAAGTGAAGTGTGTGCTATTTTGTAACTGTGCTTCTGGTGACTGTACAGTTTGAATACTATTTTT  
TATCAAGTTTTATAAAATGCAGAAATTTTGTCTTTTACTTTTTTTTTTTAAGCTATGTTGTTAGCACACGGA  
ACACTTCATTGTTGTTTTGGGGGAAGGGCATATGTCACTAATAAAATATTTCCCAAGCTAGATTGATAAC  
GAAGGAAAAACACTTCCCCTTCTANTTTTGA AAAACTTCCTCTTGGCTCCAGGAAGAAGGATCCCTGAT  
GTTGACACATGAACCNCTTNGTGG

>GBCA0177 |Acc|AJ388516|Ver|AJ388516.1 GI:5441526|Canis familiaris mRNA for ribosomal  
protein L27.

GGCTCGAGTGGCTGGTGTGAGATGGGCAAGTTCATGAAACCCGGGAAGGTGGTGCTGGTCCTGGCCGGA  
CGCTACTCCGGACGCAAGCGGTGTCATCGTGAAGAACATTGATGATGGCACCTCAGACCGTCCCTACAGCC  
ATGCTCTGGTGGCCGGAATAGACCGCTATCCCCGAAAAGTGACAGCTGCCATGGGCAAGAAGAAAATCGC  
CAAGAGGTCAAAGATCAAGTCTTTTGTGAAAGTTTATACTACAATCACCTCATGCCCAAGGTACTCT  
GTGGATATCCCTTTGGACAAAATGTCGTCAACAAGGATGTCTTCAGAGACCTGCTCTTAAACGCAAGG  
CCCGACGAGAGGCCAAGGTCAAGTTCGAGGAGAAGTACAAGACTGGCAAGAATAAGTGGTTCTTCCAGAA  
GCTGCGGTTTTAGATTTCTTTCACTATTAATAAAATTAAT

>GBCA0178 |Acc|AJ388514|Ver|AJ388514.1 GI:5441522|Canis familiaris mRNA for partial  
Ribosomal protein S14.

CGCTGCCATGTTGGCTGCCAGGATGTGGCCAGAGGTGCAAGGAGCTGGGCATCACTGCTCTCCACATC  
AAACTCCGAGCCACAGGAGGAAATAGAACCAAGACCCCTGGACCTGGGGGCCAGTCAGCCCTCAGAGCCC  
TTGCCCGCTCAGGAATGAAGATTGGCGGATGAGGATGTCAACCCCATCCCTCCGATAGACCCCGCAG  
GAAGGGAGGTGCGCGTGGTTCGCGTCTGTGAACAGGATCTTCAAACATATTTCTGTTAATAAATTGCCT  
TTGTGTAAGCT

>GBCA0179 |Acc|AF322417|Ver|AF322417.2 GI:12007711|Canis familiaris MDM2 alpha mRNA,  
complete cds.

AGGCCAATGTGCAATACCAACATGTCTGTGTCTACTGATGGTGTGTAAGCACCTCACAGATTCAGCTT  
CGGAGCAGGAGACCTGGTTAGACCAAGCCATTGCTTTTGAAGTTGTTGAAGTCTGTAGGTGCACAAAA  
AGACACTTATACTATGAAAGAGGACTTCTTGGGCATCCATGGATCCAGGTTAAGAACTTCTGCCTAGA  
GATACATGAGTACAGTATACTGATCTTCTGGGATAGAGGTGATATTTTATCTTGCCAGTATATTATGA





ATCCGGGAACGGAAGCTGGCCAACTTCATCCCCTGGGGCCCTGCCAGCATCCAGGTGGCCCTGTCAAGGA  
AGTCTCCCTACCTGCCCTCGGGCCACCGGGTCAGTGGGCTCATGATGGCCAACCATACCAGCATCTCCTC  
GCTCTTTGAGCGGACCTGTCGCCAGTATGACAAGCTGCGGAAGCGGGAGGCCCTTCTGGAGCAGTTCCGC  
AAGGAGGACATCTTCAAGGAGAAGCTTCGACGAATTGGACACGTCCAGGGAAGTTGTGCATCAGCTCATTG  
ACGAGTACCATGCAGCCACACGGCCGGACTACATCTCCTGGGGCGCCAGGAGCAGTGAGTACCCAGGA  
TGGGGACCTCATCTGCCCTACCGGTTGGCCAGGCCCTGCCCTGACTGACCACCCCTTAGAGAACAGATC  
AGGGACCTCACATATTTCTTCTCAGAAATACACTCACACGTATTCTGTATCGGCTTGGGGATGTGTTTA  
TGTCTCCTCTTATGAGACTATTTATGTTTAAATAAGCACTGGACATAAATCAAAAAAAAAAAAAAAAAA  
>GBCA0182 |Acc|AF154843|Ver|AF154843.1 GI:12002691|Canis familiaris costimulatory  
molecule B7 receptor CD152 (CD152) mRNA, complete cds.  
CAGGATCCTGAAAGGTTTCACTCTGCTTCCTGAAGACCTGAACACTGCTCCATAAAGCCATGGCTGGCTT  
TGGATTCCGGAGGCATGGGGCTCAGCCGGACCTGGCTTCTAGGACCTGGCCCTGCACTGCTCTGTTTTCT  
CTTCTCTTTATCCCCGCTCTCTCCAAAGGGATGCATGTGGCTCAGCCTGCAGTGGTTCTGGCCAGCAGCC  
GGGGTGTGTAGCTTCGTGTGTGAATATGGGTCTTCAGGCAACGCAGCCGAGGTCCGGGTGACAGTCT  
GCGGCAGGCTGGCAGCCAGATGACTGAAGTCTGTGCCGACATACACAGTGGAGGATGAGTTGGCCTTC  
CTGGATGATTCTACCTGCACCGGCACCTCCAGTGGAAACAAAGTGAACCTCACCATCCAAGGGTTGAGGG  
CCATGGACACGGGGCTCTACATCTGCAAGGTGGAGCTCATGTACCCACCACCTACTATGTAGGCATGGG  
AAATGGAACCCAGATTTATGTCATCGATCCTGAACCTTGCCAGATTCTGACTTCCTCCTCTGGATCCTT  
GCAGCAGTCAGTTCCGGCTTGTTTTTTATAGCTTCTTATCACAGCTGTTTCTTTGAGCAAAATGCTAA  
AGAAAAGAAGCCCTCTTACCACAGGGGTCTATGTGAAAATGCCCCAACTGAGCCAGAATGTGAAAAGCA  
ATTTTCAGCCTTATTTTATTTCCATCAATTGAGAGATCATTATGAAGAAGAAAGAAATATTTTCCAAATTTCC  
AGGAGCTGAGGCAATTCTAAGTTGTGTCTATCCAGCTATGTGTACTTGTGTATATTTTGGGGGGGGTT  
TCATCTCTCTTTAATATAAAGCTGGATGCGAAGCTGGAATGAAGTGTACTACAAATTCAAAGCAAGGTG  
CAAGAAAACAGAGCCAGGATGTTTCTGTACATCAGATCCAATTTTCGTAAAAGTATCACTTGGGAGCAA  
TATGGGGATGCAGCATTAGGACATGCGCTCTAGGATATAGGTTAGGGAGTGGTGCAGGTCCAAAGAAAGCA  
AAGGAGAGAGAGTCAGGGAGAGGATGATATTGTACACACTTTGTATTTACATGTGAGAAGTTTATAGCTG  
AAGTGACGTTTCAAGTTAAATTTTGTGTCTATGTTTATATAAATGTAAGTACAGTGAAGACTTT  
AAAAATATTACATGGCTATATTTAGCCAGTGATTTCAAAGGTTGTATTGTACCAATATATATTTTTTT  
ATCTGATAGTATATGATGGGGGCCACATGTGCTTTTGTGTATTTGTGTATTTGATGGTTTCAATATAAAGCA  
ATATGGCAGTGCTTCCACAGGGGCTCAGGGGAAGTTTATGGAGGATTGAGGACATAATACGCCA  
GGTAAAATACAGGTCACTTGGTAAGTGGCTTGGAACTGGATGAGGTCATAGTTGATTCTTGTAGACGT  
GTTGGGCTAAATTTGGTGTGACATGTGCTTTGGGCTTTTATGTTAGCTCCTTTCAAAGATTTGTAAGGGA  
GTCAAACCTGGTATATCTGATTTAACTCCATAGAACACCATCGTCAAGTAAACGGCTCATTCCAGGAGTC  
TTGGAGGTATGAACCTCAAGGAAGCTCTAGTTTTCACAAGGGCCCCAATTCCTTGCTCATGGTTAATGCCA  
TGGGCAGAAAACAGCAGAGGTGGCAGAACAGGTTGAGAGGTTTCCGAAAACAAACACTGTTGGTGTGTT  
TTTTTAAGTCACTATTTTCTGTGAAAATGCAACAACATGTATAATATTTTAAATAAATAAATCTGTG  
GTGGTCATTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0183 |Acc|AF005360|Ver|AF005360.1 GI:4101627|Canis familiaris desmoglein-1 precursor  
(DSG-1) mRNA, complete cds.  
CCCAGCAGCGATGAAGTGGCACTTTTAAAGAACAGCCACAGTGTCTCATTTTTCTGGTGGTGGTGGAA  
ATTAACAGTGAATTTGCAATCCAGGTAAGAGATTACAACATAAAGTGGCACCATCAAGTGGCATTCAA  
TCAGGAGGCAAAAACGTGAATGGATCAAGTTCGCTGCAGCCTGTGCTGAAGGTGAAGACAATTCAAAGAG  
GAACCAATCGCCAAAATTCATTGATTTGTGCTGCAAAACAGCAAGTTACATACCGCATCTCTGGAGTA  
GGAATTGATCAGCCACCTTATGGAATCTTCATCATCAATCAAAAACTGGTGAATTAATATTACATCCA  
TAGTTGATCGAGAGATCACCCTTTTTCATTATCTATTGCGGGCTCTGAATTCAGTGGGTCAAGATTT  
AGAGAGGCCTCTTGAGCTCAGAGTCAGGGTCTGGATATAAATGACAATCCTCCAGTATTTTCTATGCTC  
ACTTTCTGATGACAAATAGAGAAGAAATCTAATGCAATACTCTGGTGATGAGACTCAATGCTACTGGTG  
CAGATGAACCAATAAAGTGAAGTCAAAAAATAGCCTTCAAGATCATAAGACAAGAACCTTCTGATTACC  
AATGTTTATTATCAACAGAAACACTGGAGAAATTCGTACAAATGAATAATTTTCTAGACAGAGAGCAATAT  
AGCCAGTATTTCCCTTGTGTGAGAGGCTCAGACCGAGATGGTGGGGCAGATGGTATGTGAGCAGAGATGTG  
AGTGCAACATTAAAGTCTCGACGTTAATGATAACATCCCATACATGGAACCGTCTTCTCATATGGTTAG  
AATTGAAGAAAATGCTCTATCTCAAAATTTGGTGCAGATTAGAGTAATCGATTTGGATGAGGAGTTCTCA  
GCTAATTGGATGGCAGTAATTTTCTTTATCTCCGGAATGAGGGAGGTTGGTTTGACATAGAAATGAATG  
AAAGGACAAATGTGGGAATTTAAAGGTTATTAAGCCCTAGATTATGAAGCTGTGCAGAACTGCAACT  
TAGTCTCGGTGTGAGAAATAAAGCTGACTTTCACCAATCAATTATGTCTCAATATAAAGTCAACAGCACT  
GCAATCTCTGTGACTGTGTTAAATGTAATTGAAGGTTCAAGTGTTCGTCCAGGTTCAAAGACATATGTAG  
TAAGGAGTGACATGGGACAGAATTATAAAGTGGGAGACTTTGTAGCTACTGACCTGGACACAGGTCTAGC

TTCAACAACCTGTTAGATATGTAATGGGAAATAATCCAGCTAACCTACTAAATGTTGACTCAAAAACAGGC  
GTAATTACTTTGAGAAATAAAGTTACCATGGAACAATATGAAATGCTTAATGGAAAATACCAAGGAACAA  
TTCTATCTATAGATGATGCTCTTCAAAGAAGTTGACTGGAACAATTAATATTGACCTTCAAGGTTCTGG  
GTGGGAAAAAGATTCTGAAAAAGTTACCAAGTTACACAAAACAGTGGAAGTTCTACTGGAGATAGCAGTGGA  
GGTACAGGTGGAGGTGGCAGAGAAAATCCTAGCGAAGGTGATACCACTACAAAACAGGTGGCAAACTT  
CCACTGACTATGAAGACGGTGAACCCAGACACAGAGCAACAACAACCATCAGGAATTAGGTAGTAATAA  
TCTGTCAGATAATGTCCATTTTGGTCTGCTGGCATCGGACTACTCATCATGGGATTCTTAGTCTTAGGA  
TTGGTCCCATTTTGTGATGTGCTGTGACTGTGGAGGTGCTCCTGGTGCAGGAGCTGGCTTTGAGCCTG  
TCCCTGAATGTTGAGATGGAGCAATCACTCATGGGCGAGTAGAAGGACCACAGCCACTTCCCACAGATGC  
GACCACGGTCTGTGTACCACCAATACCATCTAATAATGCAAATGTAATTGAATGCATTGACACATCCGGG  
GTTTACACAAATGAGTATGGTGGCAGAGAAATGCAAGATCTGGGAGGAGGAGAAAGAACAACAGGATTTG  
AACTAACAGAAGGAGTTAAAACGTCAGGAGTACCTGAAATATGTCAAGAATATCTGGAACATTAGAAG  
AAATTTCTATGAGAGAATGTAGAGAAGGAGGTCTGAATATGAACCTCATGGAAAGCTACTTCTGTGAGAAA  
GCATATGCTATGAGATGAAGAGCTCCCAATGACTGTTTGGTCTATTATGATATTTGAAG  
GTGTAGGTTCTCCTGCTGGCTCCGTGGGTTGTTGTAGCTTCATTGGAGAAGATTTGGATGACAGCTTTTT  
GGACACACTGGGGCCTAAATTTAAGAAGTTGGCAGATATCAGCCTGGGAAAAGAAGTTGAACCTGATCCC  
TCTTGGCCACCTGAGAGCACTGAACCGATTTGCCCTCAGCAGGGAACAGAGCCCATCATTGGTGACACC  
CACCATCTCCCCACATTTCCGTACTACCACAGTCATTTCTGAGAATACCTACCCCTCAGGACCTGGTGT  
ACAACATCCTATGCCTATTCCGTGATCCTCTGGGCTATGGTAATGTCACTGTGACCGAGTCTTACACCACC  
TCTGGCACTCTGAAGCCCACTGTCCATGTTTCATGATAATCGACATGCATCAAACGTAAGTGGTGACAGAGA  
GGGTTGTTGGCCCAATCTCTGGCACTGATTTGCATGGAATGTTAGAGATGCCTGACTTGAGAGATGGGTC  
AAATGTTATAGTGACAGAAAGGGTAATAGCACCAAGCTCAAGTCTACCCACCTCTTTGACTATGCCTGAT  
CCCAGAGAATCATCAAATGTGGTAGTGACAGAAAGAGTAATCCGACCAGCTTCTGGCATGATGGGCAATC  
TAAGTATACACCCTGAGTTATCAAATGCCAAAATGTGATTGTGACAGAGAGGGTTGTTTCTGGCTCTGG  
CATAAGTGGTATTAGTGGCCTAGTTGGCAGTGCAATGGGAGTAAGTGGTGGTGGCATGGCAATGAACAGC  
CTGGGAGGAGGTGGTGGCTGAGTAGCAGCATGGGGGGCACAGCCACCATCGGTCTATGTGAGGAGCTCCT  
CTGACCATCACTTTAGCCAGACCCTTGGATCTGCCCTCCCTAGTACTGCCCCGAAGCCGAATCACAAAGTA  
CAGTACAGTACAATATACTAAGTAGCCAGGATCCCAGTACATTTGTTCTCAGTAATGGTGATTTAGATTC  
CATTTCCCAACCAAAAACTAATGATGTGTTTGATGATGTGCAGGTAGGTGCTAAAAAACTGTGGAACA  
AAGGTGAGAAACCACAAATGAGAAAGATGGAACAGTGTCTATTGGGCAAGAGCTCTCCCTAGCATTTGTAA  
ACTTTTTCTTATATTAATACTTATGGAATCATGACAGTGAAGTAAACTTGAGACAGGGTCTTCTTTGC  
TTCTGTGTGGCCTGTCAATATCTCCAGCACAGGGAATAAATTAACCTCAGTCATGCAAAACCACTGGCC  
TTAAGATGGCTATCAGCAACACTCTCCTTACTCTGTTTTGATTTGCCATGTAGCTCAGGCAATATTAATA  
AAGGACTAAACATGTAACTAGCTACATATGTAGAGAAGATTTGAAATATGTGCTAAGCACCTGGTCA  
GTTTCACAGATAATAGGAATAAAAAATCCAACCATGTATTACAGACCATGATGAACCATTAAGAAAAACAA  
ATCTGGCTACACAATCCAGTTCACAAGCCATCAAGCACTCCTACCTTAATAATTGCAGTATGATAATAA  
ACCTCAAATGAGGAACAATTTCTGGGAGGAATTTCCACAAGGGAATGGCAATAGGGGAGATTCAATTG  
GGGAAAACCTGGAATGTCTGAACCTGAATCTTGAGATGGGGCCTCAGCTAAAATTCACATGGAGTCCAGG  
AGTTTTCTGATTCTAGTTTGTGTTTTGTGGTAGATGTGAGGTTGCAGAATATCACACTCGTTCTTCTTAT  
CACTGTGGCTCTTACCTAAAGGCAGAAAGCTTGCCAAAGTATACTTCTCTGACTGAAGCAAGTAACACCTG  
ACATGGTTGTCTATCCCTAATGGTAAATTACCTTCCAAGGAAGCAGATGGATACCACTTTGTATTTTCAGA  
TGTGTGTTTAGTAAGTGTATTACCTACATCCAGCTCTCTATTATACATCTCTTAAGTTAAATAATTT  
ACTTAAGCTGAGCTGTGAAAAAACTCTGCAGTATGGTTAAGCTTTGGGGGGATTTTTTTAAGGGGATCTA  
AAAAAGTTTTTTAGAACATGTAATAATGTTTAAATGGGAAAAGTTAGTTCTGTAAAGTAATGCTGTACTATT  
AGTTTTAATTAGTTTAGTACTTTTAAAAACAACACTCTGCTGCTATTTTAAAGAGGTCAACCAAAACCT  
TTTAACAGAGTTGATGATATGTGTGTTAACTTATGTAGAAATTGTACTAGACAATCCCATATCCTTACTCTA  
TCTCACTCCCTAACTAAATTTCTCACTAGAATAAAATCTTATATTCCCTATTTAATTTGTTGATAAACT  
CTTGCTTATATAATATCCAATTTATAGATAGTTCCTCAAAATTTATATAGTATGATATATTTTCTAGCTT  
CAAAATTTAGCAATATACTATTTATGATAAGCCATTTCTGTGTGTTTGTCTATATAGTAATACCTGGTTTTA  
AAAAATCTCTAAATGAGCAACAAATGATTTCTTAGACAGGATAAACTTGCTATGGCAAGATAGAGAATTTT  
TTTTCTCATTTCTAAATTCAGTGTGATATGAGCTCACTAAAGTGAAACTAGATATGACAAAATTTGTTCA  
AGGACTATTCCCTGTTGATTACTCAAATTTCCCAAGGTATTACAAAATCCAAGAATAGTCAACTCCAAC  
ACTTTTCAAAGGGAGCTAAGGAGTGAACATTTTATCAGAGCTATTTTGCTCTATGTTATAGTAGATGCT  
GTCAATATTTTCAAAGCCACAATATACATCTTATTTACATCTGTAGTCTATGTGAAATTTTGATAGTCT  
GTAGCATGTCAAAATGCAGAGGTGTAAATAAAGTCATTTACAGGGACTCTTTTATTTCTTTCTCCCATTT  
GGGAGGGGGGAGCTTCCATTAATGATGGATAATCTTTCCAGAAATAAAGTCAAGATGTATTTATTGAAA  
TATGCTTGATTATGCTGGATCCAGGAGTTTGAAGGAATAAAAAATAATTACTAGTTAATTAAATCAAGGGA

ATGGTATCTGACCAAAAGTAGCTTCTGTGTCACTTTGATTTCTCATCAGAAGTGTTTTTAAAGACTCTG  
GATATCTTCCAAAAAATTTTTAGATTGTCTAACAAATGCCAGAGTGACCATCTTTAATAACTGTTGTT  
ATGAAGATCCATTAGTAAAAAACCATGGAAGATATAAAAAATGACAGTATTAGTTGTCAATTTTTCTAGG  
AAGATACTTTCAAATAAAATTTTTGTGTCAGGATTACAA  
>GBCA0184 |Acc|AF315034|Ver|AF315034.1 GI:11878262|Canis familiaris Niemann-Pick type C1  
disease protein (NPC1) mRNA, complete cds.  
GTCCGGCTCCGCCGCGCATGACCGCCCGCCCGCCCGCTCGGCCCTCGTCTGCTGCTGCTGCTGCCCCG  
CGCAGGTGTTTGCACAGTCTGTGTATGGTATGGAGAGTGTGGAATTGCATCTGGAGACAAGAGGTATAA  
CTGCCAATATTTCGGGGCCACCAAAACCCCTTGCCAAAGGATGGGTATGACTTAATGCAGGAGCTCTGTCCA  
GGATTATTCTTTGACAAATGTGACGCTGTGCTGTGACGTGCAGCAGCTCCGGACTCTGAAGGACAGCCTAC  
AGCTTCCCGTGCAGTTCCGTGTCCAGATGTCCATCCTGTTTTTATAACCTAATGAACCTGTTTGGCAGCT  
GACATGTAGCCCTCGGCCAAAGTCAGTTTCTGAATGTTACAGAACTGAAGATTATGTTGATCCTGTTACA  
AACCAGACAAAAACGAACGTAAAAGAATTACAGTACTATGTGCGAGAGAGTTTTGCCAATGCCATGTACA  
ACGCCCTGCCGGGACGTGGAGGCCCCCTCCAGTAATGACAAAGCCCTGGGACTCCTGTGTGGGAAGGAGGC  
CGAGGCCTGCAATGCCACCAACTGGATCGAGTACATGTTCAATAAGGACAACGGCCAGGCACCTTTTACC  
ATCATACCCATATTTTTCAGATCTTCCAGCCCATGGGATGAAGCCCATGAACAATGCCACCAAGGGCTGTG  
ACGAGCCTGTGGACGAGGTACGGGACCCGTGCAGTTGCCAAGATTGCTCGGTGGTCTGTGGCCCCAAGCC  
CCAGCCCCACCCGCTCCGGCTCCCTGGAGAATTTTGGGCCTGGATGCCATGTATGTATCATGTGGATC  
ACCTACATGGCATTTTTGCTCATGTTTTTTGGAGCATTTTTTGGCTGTGTGGTGCTACAGAAAACGCTATT  
TTGTCTCTGAGTACACCCCCATTGATAGCAACATAGCTTTCTCTGTAAATGCCGGTGACACAGGGGAGGC  
ATCCTGCTGCGACGCACTTGGTGCAGCATTTGAGGGCTGCCTGAGCGGCTCTTACACAGTGGGGCTCC  
TTCTGCATCCGAAACCCAGGCTGCATCATCTTCTCTCCCTGGCCTTCATTGCTGCCTGCTCTTCAGGCC  
TGGTGTTCAGCCGGGTACGACCAACCCAGTGGACCTGTGGTCCGGCCCTGGCAGCAGGCACGCCTGGA  
GAAAGAGTACTTTGATGCGCACTTCGGGCCCTTCTCCGCACGGAGCAGCTCATCATCCAGGCCCCCACC  
ACCACTGTGCACACTTACCAGCCGTACCCCTCAGGATCTGACGTGCCCTTTGGGCCCCCGCTTGACATAG  
GGATCTTGCACCAGGTTCTAGACTTACAAACCGCCATTGAAAACATCACCGCAACTTACAACAACGAGAC  
TGTAACACTTCAAGACATCTGTGTGGCCCCGCTCTCACCTATAACAAGAACTGCACCATTTATGAGCGTG  
TTAAATTACTTCCAGAACAGCCATTCTATGTTGGACCACAAAATAGGGGATGACTTCTATGTGTATGCAG  
ATTACCACACGCACTTGTATATTGTGTACGGGCTCCTGCATCTCTGAATGATACCAGTTTGTCCATGA  
TCCTTGCCTGGGTACATTTGGTGGGCCAGTGTCCCGTGGCTTGTGTTAGGAGGCTATGATGATCAAAAC  
TACAATAATGCTACAGCCCTTGTGATTACCTTTCTCTGCAATAATTACTACAATGATACAGAGAAGCTCC  
AGAGGGCCCAGGCCTGGGAAAAAGAGTTTATTAATTTTGTGAAAACTACGAGAATCCAATCTGACCAT  
TTCTTTCACTACTGAGCGAAGTATTGAGGATGAAGTGAATCGGGAAAGTAACGGTGATGTCTTCACTGTT  
CTGATCAGCTATGCCGTATGTTCTATACATTTCCATAGCCTTGGGGCAGATCAAAAGCTGTAGCAGGT  
TTCTATGGATTGATAAATCTCCCTTGGCATCGCTGGGATCCTCATTTGTGTTGAGCTCAGTGATGCTC  
ATTGGGCATCTTCAGCTACTTTGGGATCCCCCTCACCCCTCATCGTGATCGAAGTCATCCCATTCCTGGTG  
TTGGCTGTTGGGGTAGACAACATCTTCATTCTGGTCCAAACCTACCAGCGGATGAACGTCTTCAAGGAG  
AAACTCTGGAACAGCAGCTGGGCAGGGTCTTAGGAGAAGTGGCTCCTAGTATGTTCTCTGCTCCTTTTC  
AGAGGCTGTAGCATTTTTTCTTAGGAGCCTTGTGCAGATGCCCGCAGTGCACACTTTCTCTCTGTTTGCC  
GGGATGGCGGTCTCATTGACTTCCTTCTTCAGATTACCTGTTTTGTGAGTCTCTTGGGGTTAGACCTTA  
AGCGTCAAGAGAAAAATCGCCTGGACGTCTTTGCTGTCTCACAGGCTCTGAAGGTGGAACCGGCATCCA  
GGCCTCAGAAAGCTGCTTATTTCCGTTCTTCAAAAACCTCTACTCCCCATTTCTGCTTAAGGATTGGATG  
CGGCCCATTTGTATAGCGGTATTTGTGGGCATTCTCTCATTACAGTATCGCAGTCTTGAACAAAGTGGAGA  
TTGGATTGGATCAGTCTCTTTCAATGCCAGATGACTCCTACATGATGGATTATTTCAAGTCCCTCAAATA  
CCTGCATGCAGGTCCCCCGGTGACTTTTGTCTCTCAGGAAAGGACACGATTACACCTCTTTGGAAGGGCAG  
AACATGGTGTGCGGGGGCATGGGCTGCAATAATGACTCCCTGGTGCAGCAGATCTTCAGCGCGGCTCAGC  
TGGACAACTGTGTCGGCAATGACACGAGTGTGCGGCCCTTGGTGGATCGACGATTATTTTGGTGGGTCAAGCC  
TCAGTCTTCTGCTGTAGAGTCTACAACAGCACAGATCAGTTCTGCAACGCCCTCAGTGGTTGACCCCTGCC  
TGCGTCCGCTGCAGGCCTCTGACCCAGGAGGGCAACGGAGGCCTCAAGGTGAAGACTTCATGAGATTCC  
TGCCCATGTTCTCTTCTGATAACCCAAACCCCAAGTGCGGCAAAGGGGGACATGCTGCCTACGGCTCAGC  
AGTTAACTCGTCCGCAATGACACGAGTGTGCGAGCCACTTACTTTCATGACCTACCAACCGTGTCTCAG  
ACCTCTGCTGACTTTACTGACGCCATGAGAAAAGCCATCCTCATTGCCAGTAACATCACCAAAACCATGA  
GCCTTAAAGGAAGCCACTACCGCGTGTTCCTGTACAGTGTGTTCTATGTCTTCTACGAACAGTACCTGAC  
CATTATTTGATGACACGATCTTTAACTTAGCGTGTCACTGGGAGCCATCTTCTTGGTGACCTTGGTCTC  
CTGGGCTGTGAAGTGTGGTGTGAGTGTGTCAGTGTGTGTCACCATTGCCATGATCTTGGTCAACATGTTTG  
GCGTCATGTGGCTGTGGGGCATCAGTCTGAACGGGTTTCTTGGTCAACCTGGTCAAGCTGTGGCAT  
CTCCGTGGAGTTCTGCAGCCACATAACGAGAGCGTTACAGTGAGTGCAGAGGGCAGCCGCGTGGAAACGG

GCCGAAGAGGGCGCTCTCTCACATGGGCAGTTCTGTGTTTCAGTGGGAATCACACTAACGAAATTTGGAGGGA  
TTGTGGTGTGGCCTTTGCCAAATCGCAGATTTTCCAGGTTTTTATTACAGGCATGTACCTGGCTATGGT  
CTTGCTGGGAGCCACGCACGGCTTGATATTCCTCCCTGTGTTACTCAGCTACATAGGCCCATCAATAAAT  
AAAGCCAAAAGTTTGGCCTCCCAGGAGCGATACAAAGGTACAGAGCGAGAGCAGCTCCTGAACTTCTAGC  
CTCTCGTGAGGTTTGGGGACCTTGAACGTGTGTCTGCGGGTTCGGTTCGGTTTACCAGTGGACAGTAGCTGCT  
GCATCAGGGCGGAGCTGGACACCAGACAGTACCAGACACCAGAACAGCTTTCAACCTCAGGACTGCA  
GATCTGACGTGTGAAGCAGTATTACCAGATCGGAAGGCAACTCCAGGACGCTGAGGGGCTTCCGGCTTC  
TCCAGGAACAAGACCCAGGGCAGGCAGAAAGGCGACACTGGCAAGGCTGAGTGGGATCTGCTCCCTGACAC  
TTTTTAAAGGCCAATCAATGCAATGTTTTTCTTTGTTTGTGTTTGGAGTAAGCCATCACAACACA  
GGTTCTATACCATATTTTAGTAACATTTGAGGATATTGTAGATACACTTTACTATAACTTT  
>GBCA0185 |Acc|Y19224|Ver|Y19224.1 GI:6015499|Canis familiaris mRNA for glucocorticoid  
induced receptor (GIR gene).  
GAAGGAGCCTCGCCAGCCCCGCGGGGTCGCCCTCCCGCACGGGGCCGGGGCCGGGGCCGGAGCGGGA  
GCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGGAGCGGG  
AGCCCGAGTCTCGGCGCTGCCCCGCGGGTGGAGGCGCCCGCTCGCCGGCGGTTCGGCGCGCAGAGCGGG  
ACGTGCGGGCGCCCCCTCCCGTCCCCTCCCGTCCCCTCCCGCTCTCCCCCTCCCCCTCCCCCCCCCT  
CCCCGCGGGCGGGGCGGGGCGGGGCGGGGCGAGCATGGGCGGGCGGGGCGGTGCTCTGCCCTCCTCCCGCTG  
CTGCGCGCCCGCCGAGCGCCCCGAGGGCCGGGCGGACGAGCGGGGCTGGAGGCGGGCTGGCGGGGCCA  
ACGCCCTCGCACTTCTTTGGAGCAACTACAGCTTCTCCGACTGGCAGAACTTCGTGGGCGCGAGGCGCTA  
CGGCGCGGAGTTCGAGAACCCCCACGGTGAAAGCCCTGCTCGTGGCTTACTCCTTCATCATCGTCTTC  
TCGCTCTTCGGCAACGTCTCGGTCTGTCTATGTCATCTTCAAGAACCAGCGGATGCGCTCGGCCACAGCC  
CTTTCATCGTCAACCTGGCGGTGGCCGACATCTCATCACGCTCCTCAACACGCCCTTCACCCTGGTCCG  
CTTTGTGAACAGACAGTGGGTATTTGGGAAGGCATGTGCCACGTACGCGCTTTGCCAGTACTGCTCC  
CTGACGCTCTCAGCACTGACGTTGACGGCCATTGCTGTTGACCGCCACCAGGTTCATCATGCACCCATTAA  
AACCCCGGATCTCGATCACAAGAGGTGTCTATCATCACGGTCATCTGGACCATGGCTACGTTCTTTTC  
ACTTCCCCACGCACTCTGCCAGAAATGTTTACCTTCAAGTACAGTGGAGACATTGTCCGCTCACTATGC  
CTGCCAGACTTCCCTGAGCCGCTGACCTCTTCTGGAAGTACCTGGACTTGGCCACCTTCATCCTGCTTT  
ACATCTTACCCCTCCTCATCATCTCTGTGGCCTATGCCCGAGTGGCCAAGAAGCTGTGGTTGTGCAACAC  
GATTTGGCGACGTGACCACTGAGCAGTACCTGGCTCTACGGCGTAAGAAGAAGAAGACCATCAAGATGCTG  
ATGCTGGTGGTTCCTCTTTGCCCTCTGCTGGTTTCCCCTCACTGCTATGTCTCTCTCTGTCCAGCA  
AGGTCATCCACACCACAACATGCCCTCTACTTCGCCTTCCACTGGTTTGGCCATGAGCAGCACTTGCTACAA  
CCCTTTCATCTACTGTGGCTCAACGAGAATTTAGGATTGAGCTGAAGGCATTACTGAGCATGTGCCAA  
AGACTCCCAAAGCCCCAGGAAGAAGAGGCCCGCTCTCCAGTGCCTTCCTTCAGGGTGGCTTGGACAGAGA  
AGACCAATGGGCGGAGGGTTCCCCAGCCAACAACAGCTCTGCTTTCCTCCCATCTCCACTCTGGGAAGAC  
AGACCTGTCTTCTGTGAGCCCATTTGTAGCCATGAGTTAGGTGGGAGTGGGGTGGGAAGAGGCGAGG  
AGAGCTCTGTCTCCAGGACCTGAGGACAGAGCCTGCAAGAAAGCCTGTTCTCTGACACATGACCTTTACA  
GGGCTGAAAACAAGGTCCTGCAGAAGCCACAGGACCTTGATTTCCTAGGAACGCTATCTAGCTTTCTA  
CCCCATTTGATGTGAAAACATAAGACAGCTACCAATTAGACACGTGTTTATGAATTC  
>GBCA0186 |Acc|AF187966|Ver|AF187966.1 GI:11385351|Canis familiaris amino acid  
transporter SLC3A1 mRNA, complete cds.  
AGAAGCCAGCGTTTCAGCCCGCTGTCCACCGTTGTTATTGCAAGGAAGGGACAGCGAAGGGACAAGGCT  
GCGCGACATGGCCAAGGGGACGGACCGGAGAGGCTCCGGGGCGCTGAGGATGCAGGCGTGCCGGACCAAC  
AACGGCTTTTGTGCAGAACGAGGGCCCTCCCGCCAGCGAGCCCGAGCCCGAGCCCGAGCCCGAGC  
CCGAGCGGGCGCGGGGCCCGGCCAGCTCGCCTCCCTGCCCGGCGGGGCGCGGGGCTGGGGCTGGGGCT  
GGGGCTGGGGCTGGGGCTGGGGGCGCGGGGCGGTACGCAGGCATGCCAAGGAGGTGCTGTTCCAGTTC  
TCGCGCGGGGCCGCTACCGGGCGCCCCGGGAGGGCCCTTCTGGCTCACCGTGGCTTCGGTGCTCGCGC  
TCACGGGCGCCACCATCGCCATCATCGCGGTGCTCGCCAGGTGCTGGAAGTGGTGGCAGGCGGGGCGGT  
GTACCGGATCTACCCGAGGTCTTTAGGGACAGCGACGCGGATGGGAACGGAGACCTGAAAGGTATTCAA  
GAGAACTGGACTACATCACAACCTTTAAATATAAAACCATTGGGATTACTTCATTTTACAAATCATCCC  
TTAAAGATTTCCGATATGGTATCGAAGACTTCCGAGACATTGATCCTATTTTTGGAACAATGAAAGATTT  
TGACTGACCCATGAAAATGGCACAACCATACCCCAACCACTGGTTAAGTGTGTACGGAACTCCAG  
CTGGCACTTTGACGAAGTACGAACCACTGTTATTTTACCAGTTTTTGGAGAACAGCCTGACTTAAAT  
TTCTACAATCTTGATGTTCAAAAAGAAATAAAAGAAATATACAGTTCTGGCTCACAAAGGGTGTGTGATG  
GTTTTAGTTTCGATGCTGTTAAATTTCTTCTAGAAGCAGAACATCTGAGAGATGAAGCTCAAGTGAACAA  
GGCTCAAATACCGACACGGTCACACACTACTGGGAGCTATACCATGACTTCACCACCACGCAAGTTGGA

ATGCATGACATTGTCCGGAGTTTCCGCCAGACAATGGACCAGTACAGCAGGGAGCCTGGGAGATACAGGT  
TCATGGGGACTGAAGCCTATGGAGAGAGCATTGACAGGACCATGATGTACTATGGATTGCCTTTTATTCA  
AGAAGCAGACTTTCCCTTCAACGATTATCTCAGTAAGCTAAATACTCCTTCTGGGAACAGTGTGTTTGTAG  
GTTATCACATCCTGGATGGAAAACATGCCAGAAGGAAAATGGCCTAACTGGATGATCGGTGGACCAGACA  
ATGCCCGGCTAACTTCTCGTTTGGGGAAGAAATATGTCAACATCATGAACATGCTTGTGTTTTCACACTCCC  
TGGAACCTCCATAACTTACTATGGGGAAGAAATAGGAATGAGAAATATTTAGTCAAAATTTCAATGAA  
AGCTATGATGTTAATACTCTTCTCAAAGTCACCAATGCAGTGGGACAATAGCTCAAATGCTGGTTTTT  
CTGAAGCCAATCACACCTGGTTACCCACCAGTTCAGATTACCATACTGTGAATGTTGATGTCCAAAAGAC  
TCAGTCCAGATCAGCATTGAAGTTATATCAAGAATTAAGTTTGCTTCATGCCAATGACCTGCTCCTCAGC  
AGGGGCTGGTTTTGTCTATTGAGGAATGACAGCCACTCTGTTGTATATGCAAGAGAGCTGGATGGCATCG  
ATAGAGTCTTTCTTGTGGTTCTGAATTTTGGAGAATTATCACTGGTAAATCTCCAGGAAATGATTTCCAA  
CATTCCCAGCAAGAATGAGAATAAGGTTAAGTACTAATTTCTGCTGACGATCGCAATACAGTTGATACGAAT  
GCCATTTTACTGGATAAAGGAGAAGGCCTCATCCTTGAATACAACACGAACGATCTCCTTCATCACCAAA  
CAGCTTTCAAAGACAGATGTTTTGTTTCCAATCGGGCATGCTATTCCAGTGTATTAAACATACTGCACAG  
CTTGTGTTAGGCACCTCTATGAAAGAGATGAAGACACTGGCATTCTGTTTTATTACAAGCATTTCAGTA  
ACTTCATGTATAGCATGCTGCTGGGTAAAAACAGCTTGAATGCAAGGTTCCCAATGTTTTTTAAAAAT  
AATAAAATTATCACTTGCAGAACTTGAAAAA

>GBCA0187 |Acc|AF293964|Ver|AF293964.1 GI:11344841|Canis familiaris dopamine D2 receptor  
short isoform (DRD2) mRNA, complete cds, alternatively spliced.

ATGGATCCACTGAACCTGTCTGGTACGATGATGATCTGGAGAGCCAGAACTGGAGCCGGCCCTTCAACG  
GGTCCGAAGGAAAGCCCGGCAAGCCCCACTACAACACTACTACGCCATGCTGCTTACCCTGCTCATCTTCAT  
CATCGTCTTCGGCAATGTGCTGGTGTGCATGGCCGTGTCCCGCGAGAAGGCGCTGCAGACCACCAAC  
TACCTGATTGTTCAGCCTTCCGTGGCCGACCTCCTGGTGGCCACGCTCGTCATGCCCTGGGTTGTCTACC  
TGGAGGTGGTAGGTGAGTGGAATTCAGCAGGATTCACTGTGACATCTTTGTCACTCTGGACGTCATGAT  
GTGCACGGCAAGCATCCTGAACCTGTGTGCCATCAGCATTGACAGGTACACAGCTGTGGCCATGCCCATG  
CTCTACAACACCCGCTACAGCTCCAAGCGCCGAGTCACTGTGATCGCCATCGTCTGGGTCTGTCTCT  
TCACCATCTCTGCCACTGCTCTTCGGACTCAACAACACAGACCAGAACGAGTGCATAATCGCCAACCC  
CGCATTCGTGGTGTACTCCTCCATCGTCTCCTTCTACGTGCCCTTCATCGTCACCTGCTGGTCTACATC  
AAGATCTACATCGTCTCCGCGAGGCGCCGAAGCGGGTCAACACGAAGCGTAGCAGCCGGGCTTTCAGGG  
CCAACCTGAAGGCCCCACTCAAGGAGGCTGCCCCGCGAGCCAGGAAGTGGAGATGGAGATGCTGTCCAG  
CACCAGCCCGCCGAGAGGACCCGCTACAGTCCCATAACACACAGACCAGAACGAGTGCATAATCGCCAACCC  
CCGTCCCACACGGCTCCACAGCACTGCCGAGACGCCCGCCAAACCAGAGAAGAATGGGCATGCCAAAG  
ACCACCCCAAGATTGCCAAGATCTTTGAGATCCAGTCCATGCCCAATGGCAAAACCCGGACCTCTCTCAA  
GACCATGAGCCGCGAGGAGCTCTCCAGCAGAAGGAGAAGAAAGCCACTCAGATGCTCGCCATTGTTCTC  
GGGTGTTTACATCATCTGTGGCTGCCCTTCTTCACTACCCACATCCTGAACATACTGTGAGTGCAACA  
TCCCGCCCGTCTGTACAGCGCCTTACGTGGCTGGGCTATGTCAACAGCGCCGTGAACCCCATCATCTA  
CAGCACTTCAACATTGAGTTCCGCAAGGCCTTCTGAAGATCTGCACTGCTGA

>GBCA0188 |Acc|AF293963|Ver|AF293963.1 GI:11344839|Canis familiaris dopamine D2 receptor  
(DRD2) mRNA, complete cds.

ATGGATCCACTGAACCTGTCTGGTACGATGATGATCTGGAGAGCCAGAACTGGAGCCGGCCCTTCAACG  
GGTCCGAAGGAAAGCCCGGCAAGCCCCACTACAACACTACTACGCCATGCTGCTTACCCTGCTCATCTTCAT  
CATCGTCTTCGGCAATGTGCTGGTGTGCATGGCCGTGTCCCGCGAGAAGGCGCTGCAGACCACCAAC  
TACCTGATTGTTCAGCCTTGTCTGGTGGCCGACCTCCTGGTGGCCACGCTCGTCATGCCCTGGGTTGTCTACC  
TGGAGGTGGTAGGTGAGTGGAATTCAGCAGGATTCACTGTGACATCTTTGTCACTCTGGACGTCATGAT  
GTGCACGGCAAGCATCCTGAACCTGTGTGCCATCAGCATTGACAGGTACACAGCTGTGGCCATGCCCATG  
CTCTACAACACCCGCTACAGCTCCAAGCGCCGAGTCACTGTGATCGCCATCGTCTGGGTCTGTCTCT  
TCACCATCTCTGCCACTGCTCTTCGGACTCAACAACACAGACCAGAACGAGTGCATAATCGCCAACCC  
CGCATTCGTGGTGTACTCCTCCATCGTCTCCTTCTACGTGCCCTTCATCGTCACCTGCTGGTCTACATC  
AAGATCTACATCGTCTCCGCGAGGCGCCGAAGCGGGTCAACACGGAGCGTAGCAGCCGGGCTTTCAGGG  
CCAACCTGAAGGCCCCACTCAAGGGAAGTGCATCACCCTGAGGACATGAAACTCTGCACCGTTATCAT  
GAAGTCCAATGGGAGTTTCCAGTGAACAGGCGGAGAGTGGAGGCTGCCCGCCGAGCCAGGAAGTGGAG  
ATGGAGATGCTGTCCAGCACCAGCCCCCGAGAGGACCCGCTACAGTCCCATAACACACAGACCAGCA  
AGCTGACCTCCCGACCCGCTCCACACAGCGCTCCACAGCACTGCCGACAGCCCCGCCAAACCAGAGAA  
GAATGGGCATGCCAAAGACACCCCAAGATTGCCAAGATCTTTGAGATCCAGTCCATGCCCAATGGCAAA  
ACCGGACCTCTCAAGACCATGAGCCGAGGAAGTCTCCAGCAGAAGGAGAAGAAAGCCACTCAGA  
TGCTCGCCATTGTTCTCGGCGTGTTCATCATCTGTGGCTGCCCTTCTTCACTACCCACATCCTGAACAT  
ACACTGTGAGTGCAACATCCCGCCCGTCTGTACAGCGCCTTACGTGGCTGGGCTATGTCAACAGCGCC



GTGAACCCCATCATCTACACGACCTTCAACATTGAGTTCCGCAAGGCCTTCCTGAAGATCCTGCACTGCT  
GA  
>GBCA0189 |Acc|AF307858|Ver|AF307858.1 GI:11037762|Canis familiaris actin-related protein  
3 (Arp3) mRNA, partial cds.  
TCGCTTACAACGAGATTTGAAAAGAACCGTAGATGCCAGACTGAAATTAAGTGAGGAATTGAGTGGTGGC  
AGATTGAAGCCAAAACCTATTGATGTACAAGTCATTACACATCACATGCAGCGATATGCAGTTTGGTTTG  
GAGGATCGATGCTGGCTTCCACGCTGAGTTCTACCAAGTGTGCCACACCAAAAAGGATTATGAAGAAAT  
TGGACCTAGCATTTGTCGTACAATCCAGTGTGGAGTCATGTCGTAAATTGATTTCATAATTATTGG  
GGTTAGGGAGGTGGGGAAGAAATAATCTTTCTGATTACCT  
>GBCA0190 |Acc|AF023169 AF242201|Ver|AF023169.2 GI:10947026|Canis familiaris type IIA  
procollagen mRNA, complete cds.  
GCCAGGCCCCGCGGTGAGCCATGATCCGCTCGGGGCTCCCCAGACGCTGGTGCTGCTGACGCTGCTCGT  
CGCCGCTGTCTTCGGTGTACGCGCCAGGATGTCCAGAAGGCTGGCAGCTGTGTGCAGGACGGGCAGAGG  
TATAATGATAAGGATGTGTGGAAGCCCGAGCCCTGCCGAATCTGTGTCTGTGACACTGGGACTGTCTCT  
GCGACGACATAATCTGTGAAGACATGAAAGACTGCCCTAGCCCCGAGACCCCTTCGGAGAGTGTCTCC  
CATCTGCTCAACTGACCTCGCCACTGCCAGTGGGCAACCAGGACCAAAGGGACAGAAAGGAGAACCCGGA  
GACATCAAGGATATCGTAGGACCCAAAGGACCTCCTGGGCTCAGGGACCTGCAGGTGAACAAGGACCCA  
GAGGTGATCGTGGTGACAAAGGTGAAAAAGGCGCCCCCTGGACCTCGTGGCAGAGATGGAGAGCCTGGGAC  
CCCTGGAAATCCTGGCCCCCTGGTCTCTCTGGCCCCCTGGCCCCCTGGCCTTGGTGGAACCTTGGCT  
GCCCAGATGGCTGGAGGATTTGATGAGAAGGCTGGTGGCGCCAGATGGGGGTGATGCAAGGGCCAATGG  
GCCCCATGGGACCTCGAGGACCTCCAGGCCCTGCTGGTGTCTCCCGGACCTCAAGGATTTCAAGGCAACCC  
TGGGGAACCTGGGGAACCCGGCGTCTCTGGTCCCATGGGTCCCCGTGGTCTCTCTGGCCCCCTGGAAAA  
CCTGGTGATGATGGCGAAGCTGGAAAGCCTGGGAAATCTGGTGAAAGAGGCCCTCCTGGCCCTCAGGGTG  
CTCGCGGCTTCCCGGGAACCCAGGCCTTCTGGCGTCAAGGGTCACAGAGGCTACCCAGGTCTAGATGG  
TGCTAAGGGAGAAGCCGGTGTCTCAGGTGTGAAGGGAGAGAGCGGTTACCGGGTGAGAATGGTTCTCCA  
GGCCCAATGGGTCCCCGCGGCTGCCCCGAGAGAGAGGACGGACCGGTCTGCTGGTGTGCGGGCGCCC  
GGGGGAACGATGGCGAAGCTGGAAAGCCTGGGAAATCTGGTGAAAGAGGCCCTCCTGGCCCTCAGGGTG  
CCTCGCGGCTTCCCGGGAACCCAGGCCTTCTGGCGTCAAGGGTCACAGAGGCTACCCAGGTCTAGATGG  
TGCTAAGGGAGAAGCCGGTGTCTCAGGTGTGAAGGGAGAGAGCGGTTACCGGGTGAGAATGGTTCTCCA  
GGCCCAATGGGTCCCCGCGGCTGCCCCGAGAGAGAGGACGGACCGGTCTGCTGGTGTGCGGGCGCCC  
GGGGGAACGATGGCGAAGCTGGAAAGCCTGGGAAATCTGGTGAAAGAGGCCCTCCTGGCCCTCAGGGTG  
CCTCGCGGCTTCCCGGGAACCCAGGCCTTCTGGCGTCAAGGGTCACAGAGGCTACCCAGGTCTAGATGG  
GAATTCCTGGAGCTAAAGGATCTGCTGGCGCTCCTGGCATCGCTGGCGCCCCCGGCTTCCCGGGGCCCCG  
TGGTCCACCTGGCCCTCAAGGTGCGACTGGTCTCTCTGGGCCGAAAGGTGAGACGGCGAAGCTGGAAAT  
GCTGGCTTCAAAGGGCAACAAGGCCCAAGGGCGAGCCCGGCCCTGCTGGCCCCCAAGGAGCCCCCGGT  
CTGCTGGTGAAGAAGGCAACGAGGTGCCCGTGGAGAGCCTGGTGGCGCTGGGCCGCTTGGTCCCCCGG  
AGAAAGGGGGGCTCTGGCAACCGCGGTTTCCAGGTGAGGATGGTCTGGCAGGTCCAAAGGGAGCCCC  
GGAGACGCTGGGCCCTTGGTGTCTGCTGGTCCCAAGGAGCTAATGGGAGCCCTGGCCGTCCCGGAGC  
CTGGCCTTCTGGAGCCCGGGTCTCACTGGTGGCCCTGGCGATGCTGGTCTCAAGGCAAGTCCGTCC  
TTCTGGAGCCCTGGTGAAGATGGTGGCCCGGACCTCCAGGTCTCAGGGCGCTCGTGGGCAGCCTGGT  
GTCATGGGTTTCCCTGGTCCCAAGGTGCCAACGGCGAGCCTGGCAAGGCTGGTGAGAAGGGACTTCCCG  
GTGCTCCTGGTCTGAGAGGTCTTCCAGGCAAGATGGTGAGACTGGTGTGTCAGGACCCCCCGGACCTGC  
TGGACCTGCCGCTGAACGAGGCGAGCAGGGTGCTCCTGGGCCATCTGGGTTCAGGGACTTCTGGCCCT  
CCGGGTCCCCAGGCGAAGGTGGAAACAGGTGACCAGGTGTCCCTGGTGAAGCGGGAGCCCCCGGCC  
TCGTGGGTCCCAGGGGTGAACGAGGCTTCCAGGCGAAGCTGGCTCTCCCGCGGCCAGGGCCTCCAGGG  
GCCCCGTGGCTCCCCGGCTCCTGGCACAGACGGTCCCAAGGCGCATCTGGCCCGGCTGGCCCCCT  
GGGCTCAGGGCCCTCCAGGTCTGCAGGGATGCCCGGTGAGAGGGGCGCGGCTGGCATCGCCGGGCCCCA  
AAGGAGACAGGGAGACGTTGGTGAGAAAGGCCCCAGGGAGCCCTGGAAAGGACGAGGACGAGGCCT  
GACTGGTCCCATTGGCCCCCTGGCCCCGCTGGCGCCAATGGTGAGAAGGGAGAAGTTGGACCTCCTGGT  
CCTGCAGGAACCGCTGGTGTCTGGTGGCGCCCCGGGTGAACGTGGAGAGACTGGACCCCTGGGGCCGTG  
GATTCCGAGGTCTCCCGGTGCTGATGGCCAGCGGGTGCCAAAGGCGAGCAAGGAGAGGCGGCCAGAA  
AGGCGATGCTGGTGGCCAGGTCTCAGGGCCCCCTCTGGAGCTCCTGGGCCTCAGGGTCTACTGGTGTG  
ACTGGTCTTAAGGAGCCCCAGGTGCTCAAGGCCCCCCGGGAGCCACCGGATTCCCTGGAGCTGCTGGCC  
GCGTCCGACCCCCAGGCTCCAATGGAAACCCCTGGACCCCTGGTCCCCCTGGTCTTCTGGAAAGATGG  
TCCCAAGGGCGCTCGAGGAGACAGCGGCCCTGGCCGCGCTGGTGACCCTGGTCTCCAAGGTCTGCT  
GGACCCCTGGCGAGAAGGGAGAGCCTGGAGATGATGGTCCCTCTGGTCCCGATGGTCTCCAGGTCCCC  
AGGGTCTGGCCGCTCAGAGGGGATCGTTGGTCTACCTGGGCGAGCTGGTGAGAGAGGATTCCCTGGCTT  
GCCCCGGGCTCCTGGTGTGAGCCCGCAAGCAGGAGCTCCTGGTGCATCTGGAGACCGAGGCCCCCCAGG  
CCCGTGGTCTCCTGGTGTGACTGGTCTTCTGGTGAACCTGGACGAGAGGGCAGCCCCGGTGTGATG  
GTCTCTGGCAGAGATGGCGCAGCTGGAGTCAAGGGTGATCGTGGTGAGACTGGTCCCGTGGGTGCTCC

TGGAGCCCCCTGGGTCCCCCTGGCTCTCTGGCCCCGCTGGCCCCAACTGGAAAGCAGGGAGACCGAGGAGAA  
 GCTGGTGCACAAGGTCCCATGGGTCTCTGCAGGACCGGCTGGAGCCCCGGGAATCCAGGCCCTCAAGGTC  
 CCCCAGGTGACAAAGGAGAAGCTGGAGAGGCTGGCGAGAGGGGACTGAAGGGACACCGTGGCTTCACTGG  
 TCTGCAGGGACTGCCCCGGCCCTCCTGGTCTTCTGGAGATCAAGGTGCTTCTGGCCCTGCTGGTCTTCT  
 GGCCCTAGAGGTCTCTGGTCCCGTGGTCCCTCTGGCAAAGATGGTGCTAACGGAATCCCTGGCCCCA  
 TCGGACCTCCTGGTCCCCGTGGACGTTTCAAGCGAAACTGGCCCTGCTGGTCTCCCGGAAACCCCGGACC  
 CCCTGGCCCTCCAGGTCCCCCTGGCCCTGGCATCGACATGTCTGCCTTTGCTGGCCTGGGCCAGAGAGAG  
 AAGGGCCCCGACCCCTGCAGTACATGCGGGCTGACCAGGCGGCCGCGACCTGAGACAGCATGATGCCG  
 AGGTGGACGCCACGCTCAAGTCCCTCAACAACCAGATTGAGAGCATCCGACGCCCCGAGGGCTCCCCGAA  
 GAACCCCGCTCGTACCTGCCGGGACCTGAAACTCTGCCACCCCTGAATGGAAAGAGCGGAGACTACTGGATT  
 GACCCCAACCAGGGCTGCACCTTGGATGCCATGAAGGTTTTCTGCAACATGGAGACTGGCGAGACGTGCG  
 TCTACCCCAACCCAGCGAGCGTTCCCAAGAAGAAGTGGTGGAGCAGCAAGAGCAAGGACAAGAAACATAT  
 CTGGTTTGGAGAAACCATCAATGGTGGCTTCCACTTCAGCTACGGTGATGACAACCTGGCTCCCAACACT  
 GCCAAGCTCCAGATGGACATTCCTCCGCTGCTGTCCACCGAGGGCTCTCAGAATATCACCTACCAGTCA  
 AGAACAGCATTGCTACCTGGACGAAGCAGCCGGCAACCTCAAGAAGGCCCTGCTCATCCAGGGCTCCAA  
 TGATGTGGAGATCCGGGCTGAGGGCAACAGCAGGTTACATATACTGTTCTGAAGGATGGCTGCACGAAA  
 CACACCGGTAAGTGGGGCAAGACTATGATCGAGTACCGGTACAGAAAGACCTCGCGCCTCCCCATCATTTG  
 ACATTGCGCCCATGGACATAGGAGGGCCCCGAGCAGGAATTTGGTGTGGACATCGGGCCTGTCTGCTTCTT  
 GTAAAAACCCGAACCCACAAACAACACAATCCATTGCCAATCCAGAGGACCCAAGTACTTTCCAGTCCCA  
 GTCACCTCTAGGGCTCTGCACTGAATGGCTGACCTGACCTGATGTCCATTTCATCCACCCGCTCACAGTGT  
 GGACTTTTCTCCCTCTTTCTAAGAGACCTGAACCTGGGCAGACTGCAAAATAAAATCTCGGTGTTCTATT  
 TATTTATTGTCTTCTCTGAAGACCTTGGGTGCGGGCCAGAGGCAGGAAACTAACTGGTGTGAGTCAAACG  
 CCCCCTGAGTGAAGTGTCCCCAGCCAGGCAAGAAGATCTCCCTTCAGGTGCCGGGCGCAGGAAGTGGCTG  
 TGTCTACACATGGTGTCTATTCTGTGTCAAACACCTCTGTATTTTTTAAACATCAATTGATATTTAAA  
 ACAAAAAAATTATTGGAAAGTAC

>GBCA0191 |Acc|AF297626.1 |Ver|AF297626.1 GI:10946309|Canis familiaris transferrin receptor (TFRC) mRNA, complete cds.

ATGATGGATCAAGCCAGATCAGCATTTCTTACCTTGTGTTGGTGGAGAACCATTGTCTATACCCGGTTTA.  
 GTCTGGCACGGCAAGTAGATGGTGATAACAGCCATGTGGAGATGAAACTAGCTGCAGATGAAGAAGAAAA  
 TGTTGACAATAACATGAGGGGTAATCATGCCAGTGTCCCAAAACCAAAAGGTGTAATGGATTATCTGC  
 TATGGGACTATTGCTGTAGTCTCTTTTCTTGATTGGATTATGATTGGCTACTTGGGCTACTGTAAAC  
 GTGTAGAACCAGAAAGCTGGATGTGAAGACCAACAGGAACAGAGGCTCTGGGGACAGAGAGAACAGAAC  
 CTCAGAAACAGAAAGAGTACTTCCCTGAAACACCTTCTCGCTTATTTTGGACGGACCTCAAAACAATGTTG  
 TCAGAGAGACTGATGATTAACAGATTTCACCAACACCATTGAGGTGGCTGAATGAAATTCGTATGTGCTC  
 GTGAGGCTGGATCTCAAAAGATGAAAGCCTTGCTTTATTAATTGAGAATCGATTCCGTGAATTTCAACT  
 TAGCAATCCTGGCGTGATGAACATTTGTTGAGATCCAGGTCAAAAGCAGCAATGCTCAAAACACGGTG  
 ACCATAGTGATATGGAGAGTGAATGGTATACCTGGCGGAGAGTCTGAGGGTTACGTGGCATAACAGTA  
 AGGCAACGACAGTTACCGGTAGATTGGTCCATGTTAATTTTGGCACCAAAAAAGACTTCGAGAATTTAAA  
 ATCTCCTGTGAATGGATCTTTAGTGATCGCTAGAGCAGGGAAAAATCACTTTTGCTGAAAAGGTTGCAAC  
 GCTCAAGATTATATGCACTTGGTGTCTTGATATACATGGACAGGCTAGATTTCCAATTGTTAATGCAC  
 GGATTCCATTCTTTGGACATGCTCACCTGGGAACAGGTGACCCGTACACGCTGGATTCCCGTCATTCAA  
 TCACACTCAGTTTTCCACCGTCTCAGTCTCAGGATTGGCCAGCATACCTGTCCAAACAATTTCCAGAGCT  
 GCTGCAGAAAAGTTGTTTGAATAATGGAAGGAGACTGTCTTCTGCCTGGGAAATAGACCCCTCGTGTA  
 GGCTGGAAACGTCCTCAAAACAAGATGTGAATCTCACTGTGAACAATGTGCTGAAAGAGATAAGAATTTT  
 TAACGTTTTTGGAGTTATTAAGGTTTTGAAGAACCTGATCGCTATGTTGTAATAGGGGCTCAGAGGGAT  
 GCCTGGGGTCTTGAGCTGCAAAAGTCTAGCGTAGGAACAGCTCTCCTATTGGAACTTGCCCGGATATTCT  
 CTGATATGGTCTTAAAAGGTGGCTTTAAACCCAGCAGAAGCATTGTCTTTGCCAGCTGGAGTGTGGAGA  
 CTTTGGAGCAATTGTTGCCACTGAATGGCTAGAGGGATACCTTTCTTCTTGCATTTAAAGGCTTTTCACT  
 TACATTAATCTGGATAAAGCTATTCTTGGTACCAGCAACTTCAAGGTTTCTGCAAGCCCACTGTTATATT  
 CACTTCTTGAGAAAACGATGAAAGATGTGAACCTGAACCTGAACCTACGAGATGTATAATGACAGAATACTTCA  
 CTGGATCAACAAAGTCGAGAAATTTGCTTTGGATAATGCTGCTTTCCCTTTCTTGGCTATTCTGGAATC  
 CCAGCAGTTTCTTTCTGTTTTTGTGAGGACACAGATTATCCTTACTTGGGTACTACCATGGATCTCTATG  
 AGAACCTGAATCAGAAAATCTCTCAGTTGAACAAAATGGCACGTGGAGCAGCAGAAGTAGCTGGTCAAGT  
 TATAATGAACTTACCTATGATCTTGAATTGAACCTGAACCTGAACCTACGAGATGTATAATGACAGAATACTTCA  
 TTTGTGAGGGATATGAACCAATTCAGGACAGACATAAAGGAGATGGGTCTGAACCTACAGTGGCTGTATT  
 CTGCTCGTGGAGACTTTTTCCGAGCCACCTCCAGACTAACGACAGATTATAAGAACGCAGAGAGAACAAA  
 CAGATTTGTTATGAGGGAGATCAATGACCGTATCATGAAAGTGGAACATAACTTCCTGTACCCCTATGTA



TCTCCAAGAGATTCTCCTTTCCGTCATATCTTCTGGGGTTCTGGCTCTCACACTCTGCCAGCTTTAGTGG  
AGCATTTGAGCTGCGTCAGAAAAATAAGAGTGCTTTTAAATGAAACACTGTTGAGAAATCAGTTGGCTCT  
AGCAACTTGGACCAATCAAGGAGCTGCAAAATGCCCTCTCTGGTGACATATGGGATATTGACAATGAGTTT  
TAA

>GBCA0192 |Acc|X99145|Ver|X99145.2 GI:10944717|Canis familiaris mRNA for C3VS protein.

GGCAGGAGGCAGGATGTAGAGTGCTGTTTCAGGTTCTCCAGCGGAGTCCCCGAAGGGGCCAGCTTCATTGA  
AAGCTTCTGCACAGTGAGAGGAGGAGTTACAGTACCTGACTCGGGGCTGCTCTGAATCCAGTGCTGCTCA  
GCCGGGAAGATACTTTCCAAGCGTTATGAAGGCGGAGAAGGATCCCGAAGACGAGGAAAATATCCTTAGA  
GATCCAAGCTAAGTGTAGCCAGCATGAACAGGAAGATTTGTAAAGAGAGGGACGGATTACCCGGCTAGG  
AGTTTGTCTGAGGGCGTGCTTTGTGAGCCGAGAGATTTGTAACCTAATGCCAAGTAGTTTGTCTGCTAGC  
AACCAGAAACCAATCCTGTCTATGATGAAGTGTGGTTTTCTTGTGCTCCCAAGAACAGACATGCAGCA  
GATTGGAACAAATATGATGACCGATTGATGAAAGCCGCGGAGAGGGGAGATGTAGAAAAAGTTTCTCAA  
TCCTTGCTAAAAAGGGCATCAATCCAGGCCAACTAGATGTGGAAGGCAGATCTGCCTTCCATGTTGTGGC  
CTCAAAGGGGAATCTTGAATGTTTGAATGCCATCCTTATACATGGAGTTGATATTACAACCACTGACACT  
GCAGGAAGAAATGCTCTTCACTTGGCTGCAAGTATGGGCATGCATTGTGTCTACAAAACTTCTACAGT  
ACAATTGTCCCCTGAACATGCAGACCTGCAGGGAAGAACCAGCACTTCATGACGCAGCAATGGCAGACTG  
TCCTTCCAGCATACAGTGCTTTGTGACCATGGGGCCTCCGTGAATGCCAAAGATGTGGATGGGCGGACA  
CCGCTGGTCTGGCTACTCAGATGTGTAGGCCAGCAATCTGTCAACTGCTGATAGATCGAGGGGCAGAGA  
TTAATTCAGAGACAAACAAAACAGAACTGCTCTCATGCTTGGTTGCGAGTATGGTTGTAAGGATGCTGT  
AGAAGTCTTACTTAAAAATGGTGCTGATGTAAGCCTGCTGGATGCCTTGGGCCATGATAGTTCTTACTAT  
GCAAGAATTGGTGACATCTGGACATTTCTAACTTTATTGAAGACTGCGTCAGAAAATACCAACAAAGGGA  
GAGAACTTTGGAAGAAAGGACCATCTTTACAGCAGCGAAATTTGCCGTACATGCTAGATGAAGTAAATGT  
GAAGTCAAGTCAGAGGGAGCATCGAAACATTCAGGAGCTGGAGATTGAAAATGAAGATTGAAAGACAGG  
TTGAGAAAAATTCAGCAAGAACAGAGAATATTACTGGATAAAGTCAATGGTTTACAACCTACAGCTGAATG  
AGGAAGTGATGGTTGCTGATGATCTGGAAAGTGAGAAAGAAAAGCTGAAGTCTCTTTTGGTGGCTAAAGA  
AAAGCAACATGAAGAAAGCCTAAGAACTATTGAGTCTCTGAAAAACAGATTTAAATATTTTGTAGTGTACT  
TCCCAGGGGTGCCAGCCAGCATGCAAAAGCAGGTCTATGTTAAGACCACTGGAGCTATCATTAACCAATC  
AAACCTCATATTCTGAAAATGACCTCTTAAAGAAAGAGTTAGAAGCAATGAGAACTTTCTGCGAATCAGC  
CAAACAAGACCGCCTCAGCTCCAGAACGAGCTGGCGCACAAGGTGGCTGAGTGCAAAGCTTTAGGACTA  
GAATGTGAACGCATCAAGGAGGACTCTGATGAGCAGATAAAGCAGTTAGAAGACGCATTGAAAGATGTGC  
AGAAGGAATGTATGAGTCGGAAGGTAAAGTAAAAACAAATGCAGACACACTTTCTTGGCCTTAAAGAGCA  
CCTGACCAGTGAAGCAGCTATAGGGAATCAGAGCTAATGGAGGAGCTGAAGGATCAGTTGAAGGACATG  
AAAGCGAAATATAGGGTGCATCAGCAGAAGTGGGAAAACGCGAAACCAATCAAACAAATGAGCTGC  
TAGTAGAACAGTTTAGGAGAGATGAAGGCAAGCTGGTGGAAGAGAATAAGCGATTGCAGAAGGAACTCAG  
TATGTGTGAACCGGAGAGACAAGAAAGGAAGGAGGTTGCTGAGGTGGAAGGCCAGGTAAAGGAACTC  
TTAGCAAAGCTGACCTTGTGAGTTCCAACCTGAAAAATTTGAGAGCATGAAGAGCTTATTATCAAGCGAAG  
TAAATGAGAAGGTGAAAAAATTTGAGAGACAGAAAGAGAGTATGAAAAATCACTTACTGAAATCAGACA  
GTTAAGGAGAGAGCTTGAGAATTGTAAGGCCAACTTGCTCAGCATGTCAAGCCAGAGGAGCATGAGCAG  
CTCAAGAGCAGACTGGAGCAAAGAGCAGGAGAACTTGCAAAGAAGGTCACGGAACCTCACGTCGAAAAATC  
AGGTGTTGCAAAGGGACGTTGAAAAGGTTTATCTGGATAATAAGCTCCTCAATCAGCAAGTACATAATTT  
AACAGTGAAATAAAAAGTCATTATGTTCCCTTACAAGTGAGTGAAGAAATGAAAAAGTCATGATGTC  
ACCGTCGAGGAACCTGAAGAAACAGCTTTTAGATGTACGCAAAATGCGCAGACAAGCAGCTGGAAATGG  
AGAAATTGCTGTTGGAAAATGACAGTTTAAGTAAAGACGTTAGCCGCTAGAAAATGTATTTGTGCTCC  
TGAGAAAACACAAAAAGAGGTACAGCTCTGAAATCCAGCGTCGCTGACCTCAAACGACAGCTGTTGGAA  
CTGAACAAGAAGTGTGGGGAAGACCGAGAGAAAATAAACGCCCTCGTGTGCGAAAACACTAGCTTGAAAA  
AGACCTTGAGTAATCAGTATGTGCCGGCTAAGACCCAGAGGAGGTTAAGACCGCGCTGAGTGGCAGCT  
GGATAAGACCAATAGAGAATTACTAGATGCGAAGAGAAATGCGGAAGATCTCAATCAGGAATTTGTAAAA  
ACAAAAGATGAGAATGAAATCCTCAAAAGAAACCTGGAAAACACTCAGAGCCAAATAAAAGCCGAGTACA  
TCAGCCTCCGTGAGCATGAAGAGAAGATGAGTGCCATAAATCAGAACATGAAGAGTGTACAGGATAACAG  
TGCAGAAATACTGGCCAACTACAGAAAGGCCAAGAGGAGATTGTGACACTACACGCAGAAATGAAGCC  
CAGAAAAAGAACTTGACCACTCAAGAAATGCATTAAAGCTCAAAATATGCTCCTATTATCAGCTTCGAAG  
AGTGCGAGAGAAAAATTTAAAGCCACAGAGAAAGAACTAAAAGAACAGTTATCGGAGCAGATGCAAAAATA  
TCAGTCAAGGGAAGAAAGAGGCCAAGAAAGTACAAGCAAGAGAATGACAAGTTGAAGAAGGAGATTTTCACT  
CTTCAGAAGGATTTAAAAGATAAGAATGTTCTCATCGAGAACTCTCATGACATGGAAAGAGCACTCAACA  
GAAAAGCAGAAGAGCTCAACAAACAGTTGAAAGACCTGTTGCGAAGTACAGTGAGATAAAGACTGAGAA  
GGAGAAGCTGGTTGACGACAATGCCAGACAGACTTCTGAGCTTCTTGCAGCCAGACCCCTTCTGCAAAAG  
CAACATGTTCCATTGGAACAAGTTGAGACCTGAAAAAATCTCTTAACAGCACAAATTGAGCATCTCAAGG

AAGAACTGAAGAATAAGCAAAAAGTGTATGAGAAAGAGCAGCAGACAGTGGCCAACTGCATCAGATGCT  
AGAGAACCAAAAGAACTCTTCAGTGCCCTGGGAGAGCATCTGCGGGTTAAGGAAGCCTTTGAGAAGGAA  
GTGGGCATGATAAAGGCCAGCCTGAGGGAAAAGGAAGAAAGCAAAACAAAACCGAAGAGGTCTCCA  
AACTGCAGTCTGAGGTTTCAAGACACAAAACAAGCATTACAAAACCTAGAGACAAGAGAGGTAGTTGATTT  
GTCTAAATATAAAGCAACAAAAAGTGATCTGGAGACCCAGATTTCCAACCTGAATGAAAACTGGCCAAAT  
CTGAATCGGAAGTATGAAGAAGCCTGCGAGGAGGTGCTGCGTGCCCAAAGGAAGCAACTGTCTGCCAAAG  
ATGAGAAGGAATTGCTACATTTTCAAGCATTGAGCAAGAAATCAAGGATCAGCAGGAGCGGTGTGATAAGTC  
CTTAACAACAATCACAGAGTTACAGAAAAGAATACAGGAATCTGCCAAACAGATCGAAGCGAAAGATAAT  
AAGATAACAGAAGTCTTAATGATGTGGAAAGACTCAAAACAGGCACTCAGTGGCCTTTTACAGCTCACTT  
CCCCGAGCGGGAGTCCCAGCAAGAGGCAGAGCCAGCTGATTGACACCCTGCAGCACCAGTGAAGTCTCT  
ACAGCAGCAGCTGGCTGACACTGACAGACAGCACCAGAGGTGATTGCGATTATCGGACACACCTTCTG  
AGTGTCTGCACAGGGTACATGGATGAAGATGTGCAGGCGGCCCTTACTCCAGATCATAACAGATGAGGCAGG  
GGCTCGTGTGTAGCAGGCAGTGTGACTGGCTGGTGTGTGCTTTGGCTGATGGTGCCAAGCATTCCCTT  
TGCAACTCCATGGCCTTTCTGGGCCCTGTGCTAGTATAATTGAAATAAAATATATTTTGTTCATCAAAA  
AAAAAAAAAAAAAAAAAAAAA

>GBCA0193 |Acc|AF244915|Ver|AF244915.1 GI:7528273|Canis familiaris interleukin-13 mRNA, complete cds.

CTACGACCTGCCTGCTCTTCCCTCGCTCCTCCTGCATTGGCTCTGGGCTCCATGGCGCTCTGGTTGACTG  
TGCTCATTGCTCTCAGCTGCCTCGGTGGCCTTGCTCCTCCCGAGCCCTGTGACTCCCTCCCCAACCTCAA  
GGAGCTCATTGAGGAGCTGGTCAACATCACCCAGAATCAGGCATCCCTCTGCAACGGCAGCATGGTGTGG  
AGCGTCAACCTGACCGCCGGCATGTACTGCGCAGCTCTAGAATCTCTGATCAATGTCTCCGACTGCAGCG  
CCATCCAAAGGACCCAGAGGATGCTGAAAGCACTGTGCTCTCAAAGCCCGCGGCAGGGCAGATTTCAG  
TGAACGCGAGCGAGACACCAAAATTGAAGTGATCCAGTTGGTGAAAACTGCTCACCTATGTAAGGGGA  
GTTTATCGCCATGGAAATTTTCAAGATGAAGCATGAAACTTAGCATCCTTATCTGTAGACCCAGACCTGAC  
CACTTAAGTTCCAGATTTCATTTTCTTTCCGACGTCACAAATTTCTTAGGGAGGTGGGGGGGGGGAGAA  
CCATTTCTCAGCTGGGACCTCAGCCTGCACCGCCTGCCTCCATGGAGCTGAGGCCAGCCACCCCTGCCT  
TGGTGCATGGGGCCAGCCGGGTGGCCCTCCTCGTCTGCATTTCATCAACGCTGAGGGAAAGCACTGCA  
TCCCATGACTGTCCCCTCCTCAGAGCAAAGTGACAGCATTACAGTGGAGGCAGATATGTGTGGGAGGGGT  
CTTGCTGTACTGGGAGTGGCACAGACATGTTTCTTCTAGCCTTATTTATTTATTGTGTGTTATTTAAAC  
AAGTGTCTTTGTTTGTGCTGGGGACAGGGAGTGGCTTGAGCTGGGGGCCAGTGAAGTCTGGGTTAGAGA  
GTCCCTGGGAATAAGCACTGTGTGTAATAATCTGCTACCTCACTGGGATCCTGGGGCCGACACAGGGGAC  
AGGAGAAAGGGTCAGAGATGCTGCTCTTGTCTGCCACTCAGCAGCTGGCCCTCAGCCAAGCAGTAATTTA  
TTGTTTTTCTTGTATTTAAAGTTAAGAAATAAAATATGTTATCAAAGAGTTAATAATATATAGAAGAGT  
AGCCTAAAAGGCTGCATTTGGTGTGTGTGGCCAGGCCGGGGGGGGTGGGGGGGAGGGTGTGTGCTACTGAA  
TGTGCTCTTTCACTTTTGTCAAAGTGAAGCGAGAAATAAAGATGGTGACAAGAGAAAAA  
AAA

>GBCA0194 |Acc|AF153198|Ver|AF153198.1 GI:4960160|Canis familiaris Kv3.1 (Kv3.1) mRNA, complete cds.

ATGGGCCAAGGGGACGAGAGCGAGCGCATCGTGATCAACGTGGGCGGCACGCGCCACCAGACGTACCGCT  
CGACGCTGCGCAGCTGCCCGGCACGCGGCTGGCCTGGCTGGCGGAGCCGGACGCCCCACAGCCACTTCGA  
CTATGACCCGCGCGCCGACGAGTTCTTCTTACCGCCACCCCGCGCTCTCGCGCACATCCTGAAGTAC  
TACCGCACCGGCAAGCTGCACTGCCCGGCCGACGTGTGCGGGCCGCTCTACGAGGAGGAGCTGGCCTTCT  
GGGCATCGACGAGACCGAGTGGAGCCCTGCTGCTGGATGACCTACCGCCAGCACCAGCGACCGCGAGGA  
GGCGCTCGACAGCTTCGGGGGGCGGCCCTAGACAACAGCGCCGACGACGCGGACGCGGACGGGGCCGGG  
GACTCGGGCGACGGGGAGGACGAGCTGGAGATGACCAAGCGCTGGCGCTCAGCGACCCCCCGGACGGCC  
GGCCCGCGCGCTTCTGGCGCCGCTGGCAGCCGCGCATCTGGCGCTCTTCGAGGACCCCTACTCCTCCCG  
CTACGCGCGGTATGTGGCCTTTGCCCTCCTTCTTCTCATCTGGTCTCCATCACCACCTTCTGCCTGGAG  
ACCCACGACGCTTCAACCCTATTGTGAACAAGACGAGATCGAGAAGCTTCGGAATGACACGCAAGTGC  
GCTACTACCGGGAAGCGGAGACGAGGCCTTCTTACCTACATCGAGGGCGTCTGCGTGGTCTGGTTTAC  
CTTCGAGTTTCTCATGCGTGTGCTTCTTCCCCAACAGATAGAGTTTCATCAAGAACTCGCTCAACATC  
ATTGACTTTGTGGCCATCTCCCTTCTACCTGGAGGCGGGCCTAAGCGGGCTGTCTCTAAGGCTGCCA  
AGGACGCTCTGGGCTTCTGCGCGTCTGCTCCGCTTTGTGCGCATCTGCGCATCTTCAAGCTGACCCGCCA  
CTTCGTGGGCTGCGGGTCTGGGCCACACCCTCCGTGCCAGCACCATGAGTTCTTGTGCTTATCATC  
TTCCTGGCCCTGGGCGTCTGATCTTCGCCACCATGATCTACTATGCCGAGAGGATAGGGGCCAGCCCCA  
ATGACCCAGCGCCAGTACGACACCCACTTTAAGAACATCCCCATTGGCTTCTGGTGGGCGGTGGTTCAC  
CATGACGACGCTGGGCTACGGAGACATGTACCCGACGAGTGGTCCGGCATGCTGGTGGGAGCATGTGT  
GCGCTGGCGGGCGTGTGACCATCGCCATGCCTGTGCCCGTCATCGTGAACAATTTTGGGATGTATTACT

CCTTAGCCATGGCTAAGCAGAACTACCAAAGAAAAAAGAACATATTCCACGGCCACCGCAGCTGGG  
ATCTCCCAATTATGTAAATCTGTCTGTAAGTCTCCACACCACAGTACTCAGAGTGACACATGCCCGCTG  
GCCCAGGAAGAAATTTAGAAATTAACAGAGCAGATTCCAACTGAATGGGGAGGTGGCGAAGGCCGCGC  
TGGCGAAGCAAGACTGCCCCACATAGACCAGGCCCTCACTCTGATGAGGGCCTGCCCTTTACTCGCTC  
GGGCACCCGCGAGAGATACGGACCCTGCTTCCTCTTATCAACCGGGGAGTACGCGTGCCCGCCTGGTGA  
GGAATGAGAAAGGATCTTTGCAAGAAAGCCCTGTCTATTGCTAAGTATATGCCGACAGAGGCTGTGAGAG  
TGACTTGACCA

>GBCA0195 |Acc|AF217203|Ver|AF217203.1 GI:10441856|Canis familiaris heparan sulfate  
sulfamidase (SGSH) mRNA, complete cds.

TGGGGGGGGCCGAGCCGCCCATGCGCCGCCGAGGCCGGGCTGCGGGCTGCTGCTGCTGCTGCTCGCC  
CTGGGGCTGTGCCGGCCGCTCGGGCGCGCCCCGGAACGTGCTGCTGATCGTCGCGGACGACGGAGGCT  
TCGAGAGCGGCGCTACAACAACACGCGCATTAGCACCCCGCACTGGACGCGCTTGCCCGCCGCGAGCCT  
GGTCTTCCGCAATGCCTTCACGACCGTCAGCAGCTGCTCTCCTAGCCGAGCCAGCCTGCTCACCAGCCTG  
CCCCAGCATCAGAACGGGATGTATGGCCTGCACAGGACGTCCACCACTTCAACTCCTTCGACGGAGTGC  
GGAGCCTGCCGCTGCTGCTTGGCCGGGCGGCGGTGCGCACAGGCATCATCGGGAAGAAGCACGTGGGGCC  
CGAGTCGGTGTACCCGTTTGTAGTTTGCACACAGGAGGAGAACAGCTCTGTCTCCAGGTGGGGCGGAAC  
ATCACCAGGATCAAGCTGTTGGTCCGGAAGTTTCTGACAGCCAGGACGACAGGCCCTTCTTCTGTACG  
TCGCCTTCCATGACCCCCACCGCTGTGGGCACTCCAGCCCCAGTTCGGGACCTTCTGCGAGAAGTTTGG  
CAATGGGGAGAGCGGCATGGGGCGGATCCAGACTGGACCCCCAGACCTATGACCTTCTGGACGTGCTG  
GTGCCTTACTTCGTCCCCGACACGCTGCGGCACAGAGCTGACCTAGCTGCTCAGTACACCACCATCGGCC  
GCATGGACCAAGGGGTGGGCTTGTGCTCCAGGAGCTGCGTGGAGCAGGTGTCCTGAATGACACCCTGGT  
GATCTTACATCCGACAACGGAATCCCTTCCCCAGCGGCAGGACCAACCTGTACTGGCCGGGCACTGCT  
GAGCCCTTGCTCATCTCGTCCCCAGAGCACAGGAAACGTTGGGGCAAGTCAGCGAGGCCTACGTGAGCC  
TCTTAGATCTCAGGCCACCATCCTGGATTGGTTCTCCATCCCTTACCCGAGCTACGCCATCTTTGGCTC  
AAAGACTGTCCAGCTCACTGGCCGCTCTCTCTGCCAGCGCTGGAGGCAGAGCCCTCTGGAGCACCGTC  
TTTGGCAGCCAGAGCCACACGAGGTACCATGGCCTACCCCATGCGCTCCGTGCACACCACAGGGCTTCT  
GCCTTGTGCACAACCTGAACCTCAAAATGCCCTTTCCCATCGACAGGACTTCTACGTCTCGCCACCTT  
TCAGGACCTCCTGAATCGCACCGTGGCCGCCACCCGACAGGCTGGTATAAGGATCTCCGTCACTTACTAC  
TACCGGGAGCGTTGGGAGCTTTACGACAGGAGCCAGGACCCACGAGACCCGGAACCTGGCCGCTGACC  
CATACTATGCCCCGCTTCTGGAGCTGCTTCAGACCCAACCTGGCCAAGTGGCAGTGGGAGACCCATGACCC  
CTGGGTGTGTGCTCCCGATGGTGTCTTGAAGAGAAGCTCTCCCCCAGTGCCGGCCACTCCACAATGAG  
CTGTGACAGTTCTTGGGGGCACGAGGGAGGCTCCTCAGGCCCTGGTCCCCACCTTTTCTGCTGCTGGG  
AGGATGGGCCATAGTGGCCACCTGAGGAGGGCTCTCCCTGTGCTGGGGTCACTTCTGCCACTGCCTGG  
GAGGGAGAGTGGGGCAGGTACCCCGGCCCTCCCTCCCCCGTGTAGAGGACACTGCTGTTCTGTGTCC  
AAGCATGTCTCAGCTAGGAATTCAGGGGGGCTGGAGCAGGGTGGGATCCCCAGCCCGTGACCTGTG  
AGGATGGTTGAGATGGTCTGGGAGGGG

>GBCA0196 |Acc|AJ279008|Ver|AJ279008.1 GI:10185019|Canis familiaris mRNA for cathepsin L  
(ccL gene).

CAGACTCCTGGGCCTTGGCGATCGGTGGGTTGCGCTGCGCACTGTGGGCGCCGAGTTTTTGAACATG  
AATCCTTCACTCTTCTTGACTGCCCTTTGCTTGGGAATAGCCTCAGCAGCTCCCAATTTGATCAAAGCT  
TAAATGCACAGTGGTACCAGTGAAGGCAACGCACAGGAGATTATATGGCATGAATGAAGAAGGATGGAG  
GAGAGCAGTGTGGGAGAAGAATATGAAAATGATTGAAGTGCATATCGGGAATACAGCCAAGGGAAACAT  
GGCTTCACAATGGCAATGAATGCCTTTGGTGACATGACCAATGAAGAATTCAGGCAGGTGATGAATGGCT  
TTCAAAAACAGAGCAAGAAAGGAAATGTTCCAAGAACCCTCTTTGCTGAGATCCCCAAATCAGT  
GGACTGGAGAGAGAAAGGCTATGTAACCTCTGTGAAGAATCAGGGTCAGTGTGGTCTTGTGGGCTTTT  
AGTGCAACTGGTGGCTTGAAGGACAGATGTCCGGAAAAACGGGCAAACTTGTGTCACTGAGTGAGCAAA  
ACCTGGTGGACTGCTTAGGGCTCAAGGTAACGAGGGCTGCAATGGTGGCCTGATGGATAACGCCTTCCG  
GTATGTTAAGGACAAATGAGGCTGGACTCAGAGGACCTTATCCGTATCTTGGAAAGGACACAGAGACC  
TGCAATTACAAGCCTGAGTGTCTGCTGCCAATGACACTGGCTTTGTGGACCTCCCTCAACGGGAGAAGG  
CCCTAATGAAAGCAGTGGCAACTCTAGGGCCCATCTCTGTTGCTATGATGCAGGCCATCAGTCTTTCCA  
ATTCTACAAATCAGGCATTTATTTTGTATCCAGACTGCAGCAGCAAGATCTAGATCATGGTGTCTGGTG  
GTTGGCTATGGCTTTTGAAGGAACAGATTCAATAAATAATTTGGATTGTCAAGAACAGTTGGGGTCCAG  
AATGGGGCTGGAATGGCTATGTAATAATGGCCAAGGACAGAACAACTGTGGAATTGCCACAGCAGC  
CAGCTATCCCACTGTGTGAGCTGATGGATCGCAAGATTAGAGGACTTGAAGGCAGCATATCTGGAAGAAT  
TTTATCTTAAAGCTGACCAGACTCTTATTTGTGTAAGATAAGACACTTGAATCATTGAGGATCCAAGTTGT  
GATTTGAATCTGTGACATTTTATCAGGGTAAACATTACCACACTTTAATTACTGTTATATATATGGCT  
TTATAACGTTGAAGACTCATTACTTAATTTCTAAGACTTTTACTTCTCATTTTTTCAAAAGATATATAAA

ACTTTGCCTTTTGAAATAAATTTTAAATTCATATGTTAAAAA  
>GBCA0197 |Acc|AF187325|Ver|AF187325.1 GI:6014645|Canis familiaris breed beagle melanoma antigen mRNA, complete cds.  
CCTCCACGCTATGAGTTCCTCTGGGGCCCCAGAGCTTATGCTGAGACCAGCAAGATGAAAGTCCCTAGAGT  
TTGTGGCCAGATCCACGATACAGTCCCCACTGCCCTCCAGTCTGGTATGAAGAGGCTCTGAAAGATGA  
AGAAGAGCGAGCCGAGCCAGAGTTGTAGCCAAGGCTTGCACTGCTGCTGTGGCCAGTGCACGTGGCAAG  
GCCATGGCCAGCAGCTTCTCCTGCCCAATTACTGAGTCATCTGTCTGCCCATCTGCCTGCTGCCCTTGT  
CAAAAGTCACCATGCCGCGGGGTGAGAAGAGTAAGCTCCGTGCCTGTAAGAAGCGCCGCCAGGTTTCGAGA  
AGAGCTGCAGGATCTGGTGGGTGCTCAGGCCACTGCAGCAGTGGGAGAAGTTTTCCACTCCCCTTCTCT  
CTTTGTTTCAAGAGTTCACCTGCTGCTGGGTGCTATAGCGTTTCCCAGGGTCCCTCAGGGAGCCATATCCA  
CCAGCACTACTGCTGCATCTGTTTTACACACAAGATCAAATGAAAGTGTGACAACCAAGTGGAGGAAG  
ACCAAGATCCTCCCAGGCTCAGCCCCACCGCTGAGCCGTTCCCAGAGGCCCGCTAGATGAGAAGGTAGTT  
AAATTGGTGCATTACCTGCTGTACAGTATCAAATGAAAGAGCTCATTAGTAAGGCAGGAATGCTGAGAA  
ATGTAATTCAAATGTATAGGAATCACTTTCATGAGATCCTCAAGAGAGCCTCTGAGCACTTGGAGCTGGT  
TTTTGGCCTTGACTTGAAGGAAGTGGATCCCAACCGGCACATCTATGTCTTGTGAACAAATTGGAACCTA  
AGTTATGATGCAATGCTGAGTGTATGATGAAGGGGTTCCTCAAGACTGGCCTGTTGATGACTATTCTGGGTG  
TGATCTTCAAAAGGGCAACTGTGCCGTGAGGAGCAAGCTTGGCAAGTATTGAATGTGATTGGGTATA  
TGCGGGGATGGAGCACTTCATTTTGGGGAGGCCAGGAAGCTCATCACCGAGGATTTGGTGAAAGAAGAG  
TACCTGGACTCAGGCAGGTGGCCACAGTATCCTCCACGCTATGAGTTCCTGTGGGGCCCCAGAGCT  
ATGCCGAAACCAGCAAGATGAAAGTCTGGAGTTTTTAGCCAAGGTTCAATTATACCGTCCCTAGTGCCTT  
CCCAGCCTGGTATGAAGAAGCTTTGCAAGATGAGGAAGAAAGAGCACAAGCTAGAGCTGCAGCCAGGGCT  
CACACTGCAGCCATGGCCAGTGCACGTGCCAGGGCCATGACCAGTGCACATTCTAAGGGCATAACCAATG  
AGCACTCCAGGGCCATGACCAATGTGCATTCCAGGGCCATAGCCAGTGTGCGCTCCAAGGCCACGCAGAC  
AATTCCTCCCACCCCTAATAAAGTCTGAGCCCACTTTTTAAAAA  
>GBCA0198 |Acc|AB047246|Ver|AB047246.1 GI:9798659|Canis familiaris pgnA mRNA for pepsinogen A, complete cds.  
CATCTACCTTCTCTGGAGATTGGGACCTGAGAAGAACCATGAAGTGGCTGCTGCTGATCAGCTTGGTGG  
CACTCTCTGAGTGGCTATCGTCAAGGTTCCCCTGGTCAAGAAAGTCCCTTGGGCAGAACCTGATCGA  
GCATGGCCTCCTAAATGACTTCTTGAAGAACCAGAGCCCCAACCCAGCCAGCAAGTACTTCCCCAAGAG  
CCTACTGTGTTGGCCACTCAGTCCCTAAAGAACTACATGGATATGGAGTACTTCGGCACCATCGGCATCG  
GCATCCTCTCAGGAGTTACCGTCATCTTTGACACCCGCTCTTCCAACCTGTGGGTGCCCTCGGTCTA  
CTGCTCCAGTCTGCTGCTCCAACCACAACCGCTTCAACCTCAGGAGTCTCCACCTACCAGGGCACC  
AACCGGCCAGTCTCCATCGCCTACGGCACCGGCAGCATGACAGGCATCCTGGGATACGACACCGTCCAGG  
TTGGAGGCATCGCAGACACCAATCAGATCTTTGGCCTGAGCGAGACTGAGCCCGGCTCTTTCCTGTACTA  
TGCTCCCTTCGACGGCCTGCTGGGTCTGGCCTACCTCAGATTTTCACTTCTGAGCTACACCGCTCTT  
GACAACATGTGGAACGAAGGTCTGGTTCCTCAAGACCTTTCTCGGTCTACTTAAGTAGCGATGACCAGA  
GTGGCAGCGTGGTGTATGTTGGTGGCATCGATTCTTCTACTACAGTGGAAACCTGAAGTGGGTGCCGT  
TTCTGTGCGAGGTTATTGGCAGATCACCGTGGACAGTGTACCATGAACGGACAGGCCATCGCTTGCAGT  
GATGGCTGCCAGGCCATTGTTGACACAGGCACCTCTCTGCTGGCTGGACCAACCAATGCCATTGCCAACA  
TCCAGAGCTACATTGGAGCCAGCCAGAACTCATACGGCCAGATGGTGATCAGCTGCTCAGCCATCAACAG  
CCTGCCTGACATCGTCTTACCATCAACGGCATCCAGTACCCTCTGCCTCCCAGTGCCTACATCCTACAG  
AGCCAACAGGGCTGTGTGACGGCTTCCAGGGCATGAACCTCCCCACCGCTCCGGAGAGCTGTGGATCC  
TGGGTGATGTCTTCAATCCGCCAGTACTTTGCCGTGTTTACAGGGCAACCAACAGGTTGGCCTGGCTCC  
CGTGGCCTGAGCCTGCATCTCTCTGCCAGTCCCAGGAGGAGCTAGCCTTAGCTGCCCACTCTAGATGT  
ACATAATTCTCCCGATTGTTCTTCTATGGGATTGTGGAGGAGGAGTCTCGACCAATTCCTGTCAATTA  
CCAATAACGTAGAATAAAACCTCACCTCCTGAAAAA  
AAA  
>GBCA0199 |Acc|AF049328|Ver|AF049328.1 GI:3169282|Canis familiaris neuropeptide Y receptor type 5 (NPY5) mRNA, complete cds.  
AACTCTAAGATGGATTTAGAATCCAGGATTTTTATAACAAGACACTTGCCACAGAGAACAATACGGCTG  
CCACTCGGAATTTCTGATTTCCAGTCTGGGATGACTATAAAGCAGTGTAGATGATTTACAGTATTTCT  
GATTGGACTTTATACATTTGTAAGTCTTCTCGGTTTTATGGGAATCTACTTATTTAATGGCTCTCATG  
AGAAAGCGTAATCAGAAGACGATGTTAACTTCTCATAGGAAATTTGGCCTTCTCTGATATTTGGTTG  
TGCTGTTTTGCTCACCTTTTACACTGACCTCTGTCTCTGCTGGATCAGTGGATGTTTGGCAAAGTCATGTG  
TCACATTTAGCCTTTTCTTCAATGTGTGTCAGTTCTGGTTTCAACTTTAATTCTAATATCAATTGCCATT  
GTCAGGTATCATATGATCAAGCATCCTATATCTAATAATTTAACAGCAACCATGGCTACTTCTCTGATTG  
CTACTGTCTGGACACTAGGTTTTGCGATTGTCTCTCCCTTCCAGTGTTCACAGTCTGGTGGAACTTCA

GGAAACATTGACTCCGCATTGCTGAGCAGCAGGTATTTATGTGTTGAGTCGTGGCCATCTGATTCTGAC  
AGAATCGCTTTTACTATCTCTTTATTGCTAGTCCAGTATATTCTTCCCTTGGTGTGTCTAACTGTGAGCC  
ATACCAAGTGTCTGCAGGAGTATAAGCTGCGGGTTGTCCAACAAAGAAAACAACTGGAAGAAAACGAGAT  
GATCAACTTAACTCTTCAACCATTTCAAAAAGAGTGGGCCCTCAGGTGAAACTTTCCAGCAGCCATAAATGG  
AGCTATTTCATTCATCAGAAAACACAGGAGAAGGTACAGCAAGAAGACGGCGTGTGTCTTACCTGCTCCAG  
CAAGACCTCCTCAAGAGAACCCTCAAGAATGCTTCCAGAAAACCTTTGGTTCTGTAAGAAGTCAGCATTC  
TTCATCCAGTAAGTTCATACCGGGGGTCCCCACCTGCTTTGAGGTGAAACCTGAAGAAAACCTCGGATGTT  
CATGACATGAGAGTAAACCGTTCTATCATGAGAATCAAAAAGAGATCCCGAAGTGTCTTCTATAGACTAA  
CCATACTGATACTAGTGTGTTGCCGTTAGCTGGATGCCACTACACCTTTTCCATGTGGTAACTGATTTTAA  
TGACAACCTCATTTCAAACAGGCATTTCAAATTGGTGTATTGCATTTGTCTATTGTTAGGCATGATGTCC  
TGTGTCTTAATCCTATTCTGTATGGTCTTCTCAATAATGGGATCAAAGCTGATTTAATTTCCCTTATAC  
AGTGTCTTCATATGTCTATAATCTTCATGTTTACCAAGGAGA

>GBCA0200 |Acc|AF005778|Ver|AF005778.1 GI:2988393|Canis familiaris neuropeptide Y Y1  
receptor mRNA, complete cds.

ATGAATTCAACATCATTTTCCCAGTTGAAAACCATTTCAATCTTCTGTAATTTTTCAGAGAATTTCCAGT  
TTTTGGCTTTTGAAAGTGATGATTGTACCTGCCCTTGGCCATGATATTTACATTAGCTCTTGCTTACGG  
AGCTGTAATAATTCTTGGGGTCACTGGAACCTGGCCTTGATCATGATCATCTTGAAACAAAAGGAGATG  
AGAAATGTTACCAATATCCTGATTGTGAACCTTTCTCTCAGACTTGCTTGTGTCATCATGTGTCTTC  
CCTTCACATTTGTCTACACCTTAATGGACCACTGGGTTTTTGGTGAGGCGATGTGCAAATTGAATCCTTT  
TGTGCAATGTGTTCAATCACCGTGTCCATTTTCTCTCTGTTCTCATTTGCTGTGGAGCGCCATCAGCTG  
ATCATCAACCCACGAGGGTGGAGACCAATAACAGACATGCTTACGTAGGTATTGCGGTCATTTGGGTCC  
TTGCTGTGGTTTCGTCTCTACCTTTCTCATCTATCAAGTATTGACCGATGAGCCGTTCCAGAATGTAAC  
ACTTGACGCGTTCAAGGACAAATACGTGTGCTTTGATAAATTTCCATCGGACTCCCATAGGTTGCTCTAT  
ACAACCTCTCTTTGATGCTGCAGTATTTTGGTCCACTCTGTTTATATTTATTTGCTACTTCAAGATAT  
ATATACTGCTTGAAAAGGAGAAACAACATGATGGACAAGATGAGAGACAATAAGTACAGGTCCAGTGAAAC  
CAAAAGAATCAACATCATGCTGTTGTCCATCGTGGTAGCGTTCGCCGTGTGCTGGTTGCCTCTCACCATC  
TTCAACACTGTGTTTGACTGGAATCATCAGATTATCGCCACGTGCAACCATAACCTGTTATTCTCTGAT  
GCCACCTTACGGCCATGATATCCACTTGTGTCAACCCCATATTTTACGGATTTCTGAACAAAAATTTCCA  
GAGAGACTTGCACTTCTTCTTTAACTTTTGTGATTTCCGGTCTCGGGATGATGACTATGAGACGATAGCC  
ATGTCTACCATGCACACAGATGTTTCTAAGACTTCTTTGAAACAAGCAAGCCCAGTCGCATTTAAGAAAA  
TCAACAATGATGATAATGAAAAAATCTGA

>GBCA0201 |Acc|AF179715|Ver|AF179715.2 GI:9695337|Canis familiaris copper chaperone  
(Atox1) mRNA, complete cds.

TTCCGCCGCCGCCGCCGCCGCCGCCATCCACCAGCCATGCCGAAGCACGAGTTCTCCGTGGACATGACCT  
GTGAAGGATGCTTAACGCGGTCACTCGGGTGCTCAACAAGCTGGGAGGAGTTGAGTTTGACATTGACCT  
GCCAACCAAGAAAGTCTGCTGCACTCAACTCTGAGCAGACGCTGGACATTCTGCTGGAGACCTGGAGAAAACA  
GGAAAGGCCGTTTCTACCTCGGCCCAAGTAGTGAGGGCTGGACCCTGAGCCCATGATGGACCAAGG  
GAGCAGGTGGGTGAGGCCCCAGCCCTTGAGACAGAATATTTTATAGCTAATGCAATCATGAGTTACAGG  
AATCCTCACAGCCCCCTGAGAATACGCAGAGCACTGTGTTATGTC

>GBCA0202 |Acc|AF029979|Ver|AF029979.1 GI:9545984|Canis familiaris cytochrome P450 2E1  
mRNA, complete cds.

AGACACCATGGCCGCTTGGGCATCACAGTGGCCCTGCTGGTGTGGATGGCCACCTTAATGCTTATCTCT  
ATCTGGAAGCAGATCTACAGCCGCTGGAACCTGCCCCCTGGCCCTTTTCCACTGCCCATCATTTGGGAATA  
TTCTGCAGGTGGATATCAAGAATGTTCCCAAATCTCTCGCCAAGCTGGCAGAGCAGTACGGGCCAGTGT  
CACCTTGTACCTGGGCTCCCAGCGCACAGTGGTCTGTCATGGCTACAAGGCGGTGAAGGAAGTTCTGCTT  
GACCACAAGAATGACCTTTCTGGCAGAGGAGAAGTCTTCGCATTCAGTCGCACAAGGACAGAGGGATCA  
CGTTCAACAATGGGCCCGGCTGGAAGGACACGCGGCGACTCTCCCTGAGCACCTCCGGGACTACGGCAT  
GGGGAAGCGCGCAACGAGGAGCGGATCCAGAGGGAGATCCCTTCTGCTGGAGGCGCTCAGGGGCACC  
CGGGGCCAGCCCTTCGACCCACCTTTCTCCTGGGCTTCGCCCCCTTCAACGTCTATCGCTGACATCCTCT  
TCCACAAGCACTTTGACTACTCGGATCAGACTGGGCTGCGGATACAGAAGCTGTTCAACGAGAACTTCCA  
CCTGCTCAGCACCGGCTGGCTCCAGCTTTATAACATTTTCCCAAGCTATCTGCACTACCTGCCCGGAAGC  
CATAGAAAAGTCTTAAGAAATGTGGCTGAACTAAAGGATTACAGCTTAGAAAGGGTGAAGGAGACCAAGG  
AGTCGCTGGACCCACCTGCTCCCGGGACTTCACTGACTGCTTGCTCCAGGAGCTGCAGAAGGAGAGATA  
CGGTACGGAGCCTTGGTATACCTTGGACAACTTGCCGTGACCGTGGCTGACCTGTCTTTGCGGGCAGC  
GAGACCACGACCAACCTTGAGATACGGGCTCCTGATTCTCATGAAATACCCAGAGGTGGAAGAGAAAC  
TTCATGAAGAAATCGACAGGTGATCGGCCCAAGCCGAGTCCCTGCCATCAAGGACAGGCTGGAGATGCC  
CTACATGGATGCCGTGGTGCACGAGATTACAGCATTCATCGACCTGCTGCCCTCCAACCTGCCCCATGTA

GCAAACCAGGACACGATGTTTCAGAGGATATGTCATCCCCAAGGGCACAGTGGTAATCCCACACTGGACT  
CCGTCTTGTGTTGACAAACAAGAATTCCCTGATCCAGAGAAGTTCAAGCCAGAGCACTTTCTGAATGAAAA  
CGGAAAATTCAAATATAGTGACTACTTCAAGGCATTCTCCGCAGGAAAGCGGGTGTGTGTTGGAGAAGGC  
CTGGCTCGCATGGAGCTCTTCTGTCTTGTCCGCCATTTTGCAGCACTTTAACCTGAAGTCTCTCGTCG  
ACCCCAAGGATATTGACCTCAGTCCCTGCACAATCGGGTTTGCCAAGATCCCCCCCCATTACAAACTCTG  
TGTCGTTCCCCGCTCGGGCTGAAGACCCCGGGCCCCAGGCTCTTTGGTGCAAACCTGGAGTCTTCTCTGC  
TTCCGCATATCCCTTTAATGCCCTCCAGGAAGACCCCTCCCTGCACAGTCTGGTGGAGGCACTCAGGGTTTC  
ACAGGGAATAAATTTGGTCTGAGATGCTGCTTTTTCAGAGTCACACTCATCAGATGAAATTTGACAGCAAC  
GTCCAAAAAAGATTGTGCAAACTAATTAACAAATTGAAACAAACAAAAAAAAAAAAAAAAAAAAA  
>GBCA0203 |Acc|AF277647|Ver|AF277647.1 GI:8778199|Canis familiaris inwardly rectifying  
potassium channel Kir2.1 (KCNJ2) mRNA, complete cds.  
ATGGGCAGYGTGMAACCAACCGCTACAGCATCGTCTCTTCCGAAGAGGACGGGATGAAGTTGGCCACCA  
TGGCGGTTGCCAACGGCTTTGGGAACGGGAAGAGTAAGGTCCACACCCGACAGCAGTGCAGGAGCCGCTT  
CGTGAAGAAGGACGGCCACTGCAACGTCCAGTTTCATCAACGTGGGGGAGAAGGGACAGCGGTACCTCGCA  
GACATCTTTACACATCGCTGGACATTTCGCTGGCGGTGGATGCTGGTCATCTTCTGCCTGGCGTTCGTGC  
TCTCCTGGCTGTTCTTTGGCTGTGTGTTTGGTTGATAGCTCTGCTCCATGGCGATCTGGATGCATCTAA  
AGAGAGCAAGGCTTGCCTGTCCGAGGTCAACAGCTTCACGGCGGCCTTCTCTTCTCCATCGAGACCCAG  
ACGACCATAGGCTACGGCTTCCGCTGTGTACAGACGAATGCCAGTTGCCGTGTTTCATGGTGGTCTTCC  
AGTCCATCGTGGGCTGCATCTCGATGCCTTCATCATCGGCGCGGTTCATGGCGAAGATGGCCAAGCCAAA  
GAAGAGGAACGAGACTCTGGTCTTCAGTCACAACGCTGTGATCGCCATGAGAGATGGCAAGCTGTGTTTG  
ATGTGGCGGGTGGGCAACCTTCGGAAGAGCCACTTGGTGGAGGCCACGTGAGGGCCACGCTGCTCAAT  
CCCGAATCACTTCCGAGGGGGAGTACATCCCCCTGGATCAAATAGATATCAACGTTGGGTTTCGACAGCGG  
GATTGACCGGATATTTCTGGTGTCCCCCATCACCATAGTCCACGAGATAGATGAAGACAGTCCCTTATAT  
GACTTGAGCAAACAGGACATCGACAATGCAGACTTTGAAATCGTTGTCTACTGAGGGCATGGTGGAGG  
CCACGGCCATGACCACCCAGTCCGCTAGCTCCTATCTGGCGAATGAGATCCTCTGGGGCCACCGCTACGA  
GCCTGTCTCTTCGAGGAGAAGCACTACTACAAAGTGGACTACTCAAGGTTCCACAAGACCTACGAAGTG  
CCCAACACGCCCCCTGTGTAGTCCAGAGACTTAGCCGAAAAGAAATACATCCTCTCAAATGCTAACTCCT  
TTTGCTACGAAAACGAAGTTGCCCTCACAAGCAAAGAGGAAGATGACAGTGAAAATGGAGTTCCAGAAAG  
CACGAGTACGGACACGCCCCCTGACCTAGACCTTCACAACCAGGCAAGCGTACCTCTAGAGCCCAGGCCN  
TTRMGRGCRGARTCRGAGATATGA  
>GBCA0204 |Acc|AF206513|Ver|AF206513.1 GI:9367102|Canis familiaris GnRH receptor mRNA,  
complete cds.  
ATGGCAAGCGCCTCTCCTGAACAGAATCAAATCACTGCTCAGCTGTAAACAACAGCAACATGCTGATGC  
AGGGCAACCTCCCCACCTGACCTTATCTGGGAAGATCCGAGTGACAGTTACTTTCTTCTTTCTTCT  
CTCTACAATTTTAAATGCTTCTTCTTGTGAACTTCAGAAGTGGACTCAAAGAGAAAGAGAAAGGAAG  
AAGCTCTCGAGAATGAAAGTGCTTTTAAACATCTGACCTTGGCCAACCTGTTGGAGACCCTGATTGTCA  
TGCCACTGGATGGAATGTGGAACATTACAGTCCAATGGTATGCTGGAGAGTTCTCTGCAAAGTCTTCAG  
CTATCTGAAGCTTTTCTCCATGTATGCCCCAGCCTTCATGATGGTAGTGATCAGCCTGGACCGCTCCCTG  
GCCATCACGAGGCCTCTAGCTATGAAAAACAATGGCAAGCTCGGACAGTCCATGATTGGCCTGGCCTGGC  
TCCTCAGTGGTATCTTTGCTGGACCACAGTTGTACATCTTCAGGATGATCCACTTAGCAGATAGCTCTGG  
ACAGACAGAGGGTTTTCCCCCAATGTGTAAACACACTGCAGTTTTCCACAATGGTGGCATCAAGCCTTTTAT  
AACTTCTTACCTTCAGTGCCTCTTCATCATCCCTCTTTTCATCACGTTAATCTGCAATGCAAAAAATCA  
TATTTACTCTGACACGAGTCCCTTCATCAGGATCCCCATGAATTACAACCTGAATCAGTCCAAGAATAATAT  
ACCAAGAGCTCGGCTGAGGACCTTGAATGACAGTTGCATTTGCCACTTCGTTTACTGTGTGCTGGACT  
CCCTACTATGTTCTAGGAATTTGGTACTGGTTTGTATCCTGAAATGTTAAACAGGGTGTCTAGATCCAGTAA  
ATCATTTCTTCTTTCTTTTGTCTTTTAAATCCATGCTTTGATCCACTTATATATGGATATTTCTCTCT  
GTAA  
>GBCA0205 |Acc|AF155148|Ver|AF155148.1 GI:9367028|Canis familiaris Flt3 ligand mRNA,  
complete cds.  
ATCTGACCATAGGCATGAGGGGCTCCGGCCGAGATGATAGTGCTGGCGCCAGCCTGGAGCCCAACTGCC  
TCCCTGTTGCTGCTGCTGCTCAGCCCCGGCTCCGCGGGACCCCGACTGCTCCTTCAGCCACAGCC  
CCATCTCCTCCACCTTCGCGGTCAACATCCGCAAGCTGTCTGATTACCTGCTTCAGGACTATCCAGTAC  
TGTCGCTTCCAACCTGCAGGACGACGAGCTCTGCGGGCGCTTCTGGCGCCTGGTCTGGCCACGCGCTGG  
ATGGTGGGCTCCAGGCTGTGGCTGGATCCCAATGCAAACTCTGCTGGAGGCTGTCAACACGGAGATAC  
ACTTTGTACCTTCTGTGCTTCCAGCCCCCTCCAGCTGTCTTCTGCTTCCAGACCAACATCTCCCA  
CCTCCTGCAGGACACCTCCAGCAGCTGGCCGCCCCGAAGCCCTGGATCACCCGAGGAATTTCTCCGGG  
TGCTGGAGCTGCAGTGTACGCCCCGACTCCTCTACATTGGTGGCCCCAAGGAGCCCCGGGGCCCTGGAGG



1264

TGTACCTTGATGGACCATTGTTGGGGAGGGCCATCAGGAATGGCATAAGTTTGAGGTGTCAGTACTGGTGGG  
AGGGGGCATTGGGGTCACCCCTTTGCCTCTATCCTCAAAGACCTGGTCTTCAAGTCATCCTTGGGCAGC  
CAAATGCTCTGTAAAAAGATCTACTTTCATCTGGGTGACACGAACCCAGCGGCAGTTTGAGTGGCTGGCTG  
ACATCATCCGGGAGGTAGAGGAGAATGACCACCAGGACCTGGTGTCCGTGCACATCTATATCACCCAGCT  
GGCTGAGAAGTTTGACCTCAGGACCACCATGCTGTACATCTGTGAGCGGCACTTCCAGAAGGTGCTGAAC  
CGGAGTCTGTTACGGGCTGCGCTCCATCACCCACTTTGGCCGACCTCCCTTTGAGCCATTCTTCAAGT  
CCCTGCAGGAGGTCCACCCACAGGTACCGAAGATTGGGGTGTTCAGCTGTGGCCCATCCAGGAATGACCA  
AGAATGTAGAGAAGGCCCTGTGAGCTCATCAACAGGCTGGACCAGGCCCCTTCGGTGCACCACTTATGAG  
AACTTCTGAGAAGTTCTCGTTCCTGTTTTCCCTCTGTGGACCAGCCCTACCAGCAGTTTCTTTGTCAGA  
ATCTTTCTCAGGCCTCAGCTGGGAAGCTAGAAGAGCCCTCCCTCCTGGCCCCATCTGTCTATGCTCTG  
AGAAGGTGGAGAAGACCCCTCTAGCTAAAGTCACAGCAGGTTATGGCAAACAAAGTAGGATGGGGACAG  
TCCCTGCCTTGTAACTCTGTAGAGGTGAAGAGATATAATAGTGTCTGCTCCGATCAGTCCCCATATCT  
CTGCTTTCCTTGCACAAAGTTGATGTATTGCTTTGGTATTGGACTCAGCATTTGAGGGCTAAGTGAGAAT  
CTCCTCAGAGCCTAGCTCAGAAAGCCATGATGCTTGAACCTAGACCGTCAAAGTGCCTCTGTTCAAGTCTC  
TGAGGTCTTGTCTTCCAACTCCACCCCTGCCCTTCTTATTCTTAAAGGGTCAGGAACACTGAAAAAT  
AACCAGAGAACAAAGATGGCTCCCTAGTCTGTATGTTTCTGCAGTCAACCAGCAATGCCTGATACCATGA  
CCTTTTGATGGATCCTCTCTGAGTCTGTGGGGCAGCCCTTGGCTCTGAGACTAAGGGAGTCCAGCCTGT  
TGCCAGACACCCAAAATTCCCTCTCAGTTTCTTACTTCCACAGAAGCCAGGTGACCAGCTGTCCCGGT  
TGCCAGGGCAGTCCCAAGTCTTACCACTAAGAGTCTCTTATCCTAGGAAACATCTGAATCCAGGCACT  
CAGACAAAGTTAGTGACCTCACACAGGAGGCGCCTGGGATGTCTCTCATACTCAGCTCTTTAAGACA  
CTTTCTTTTCTCTGCAACTGACCCCTTTCTTAAATCTGAGCTTAAATTTTTTAAATTTAAGTATAA  
TTTGATGCAGCAAAGTGTGCAAATCGTAAAGTTACATGTCCATGTGTCAACATTACCTAAGTCACGATA  
TAGAGCATTTTCCAACAGTCTCCCCCAACAGTAGAAGCAACCACTGATGTGATTTCTGTACCCCTGGATT  
AGGTTTGGCCATACTGAATGTATTCTTTGGAAGTGGCTTCTTTCACTCAGCACAATATCTTTGTGATTC  
ATCCATGTTGTTGTGTGTATCAGTGGTATATTCATTTTATTGCCAAATTGTATTCCATTATAGAAATGT  
ACCAAAGTGTATTATCCATTCTCTGTTGATGGACATTTGGGTGTTTCTAGTTTTTGGTAATTCTGAATA  
AAGCTTCAATGAACAAAAA  
>GBCA0207 |Acc|AF230497|Ver|AF230497.1 GI:8163929|Canis familiaris NADPH thyroid oxidase  
1 (THOX1) mRNA, complete cds.  
GGGGCGCAGAGCTGCGGAGCCAGGCGGGGAGCGGGCGTGGGGGCCCCGCTGCGAGCCGGGAGGGAG  
ACAAGCCGACATCCGGGGCCAGGGACGCCGCGGCGCAGGTTTATCCCCACAGCTTGGCCTGAAAGCTCA  
CTGCATGCTTTTACCAGCTGGGGTCCAGGATCCTGAAGACACAGTGTGGAAGAGGTAACCAAGGTCCAG  
ACCAGATAAGTGACCTGCCCTAAGACCACATTTCGTGGACTAGCAGCAGCCAGTGTCTGGCCCTGAGCA  
AGACTCTGTCCAAGGAATATATACTTCTGGAAGCTGGGCCAAAGCAAGGTTTTTTCAGAAGGGTCTCCATT  
TTAGGTTGTTCTTAACACTGAGCCCTATTATATTATCTAGGCTTCTGCTGGCTCTGACATGGGCAATT  
CCTGGTTGGGTCATGGACATCCATGGGAGCTCAGAAACCCATTTCTGGGAGGTGCAGCGATTTGATGGG  
TGGTACAACAACCTCATGGAGCACAAGTGGGGCAGCAAGGCTCTCGGCTCCAGCGCCTGGTTCCAGCCA  
GCTATGCAGATGGTGTGTACAGCCCTTGGGAGAACCTCACCTGCCTAACCCAGAGACCTTAGCAACGC  
TGCCATGAGGGGGCCCTGCAGGGCAGGCCTCCCTGCGAAACCGAACAGTGTAGGAGTCTTCTTTGGCTAC  
CACGTGCTCTCGGACCTGGTGAGCGTGGAGACACCCGGCTGCCAGCCGAGTTCTCTCAACATCCGCATCC  
CGCCCGGGGACCCGGTGTTCGACCCCAACGGGCGCGGGGACGTGGTCTCCCTCCCTTCCAGAGGAGCCGCTG  
GGACCCCGAGAGCGGACAGAGCCCCAGTAACCCCGGGACCTGACCAACGCCGTGACGGGCTGGCTGGAC  
GGCAGCGCCATCTACGGCTCCTCGCACTCCTGGAGCGACGCGCTGCGGAGCTTCTCCGGGGGGCAGCTGG  
CGTCCGGGGCCCCGACCCCGCTTCCCCCGGAACGCGCAACCGCCCTGCTCATGTGGAGCGCGCCCGACCC  
CGCAGCGGCCAGCGCGGGCCCGGGGGCCTGTACGCCTTCCGGGGCGGAGCGAGGGAACCGCGACCCCTTC  
CTGCAGGCGCTGGGCTGCTGTGGTTCCGCTACCAACCTGTGCGCGCAGCGGCTGGCCCGCCAGCACC  
CGCACTGCTGCAATAGCTACTGGAGTCTGAAAGCATCCAAACCTACGAAGAGCTGAAGATGTGGACGCTA  
TCTCTATGAGTGGCTGCCAGCTTCTGTCAGCAAGCACCAGTGAAGTATGCAGGATATAACCCCTTCTCTG  
GACCCAGCATCTCCCCAGAGTTCTCTGGTGGCCTCTGAGCAGTTCTTCTCCACCATGGTGCCTCCTGGCA  
TTTACATGAGAAATGCCAGTTGTCACTTCCAAGAGGTCAATAGGAACTCAAGTATCTCCAGAGCTCT  
CCGGTCTGCAATAGCTACTGGAGTCTGAAAGCATCCAAACCTACGAAGAGCTGAAGATGTGGACGCTA  
CTGCTAGGCATGGCCTCCCAGATCGCTGAGCGAGAGGACCATGTGGTGGTTGAGGATGTGCTAGATTCT  
GGCTTGGGTCCCTGAAGTTTTCCCGTACAGACCAGTGGCTGGCTGTCTACAGAGGGGCGCGATCTGGG  
CCTGCCCTCTTATACCAAGGCCAGGGCAGCACTGGGTCTGCCTCCCATTACAGATGGCAGGACATCAAC  
CCTGCACCTCTCCAGAACCAACCAACCGTGTCTGGAGGCCACAGCTGCCCTGTACAACCAAGGACCTCC  
AGCTAGAGCTGCTCCCCGGGGGGCTCCTGGAGAGCCATGGGGACCCCGGACCCCTCTTCAAGTGCCATCGT  
CCTCAACAGTTTGTGAGGCTGCGGGATGGCGACCGCTACTGGTTTGAGAATACCAGGAATGGGCTGTTT



TCTGAGGAAGAAATCGCAGAGATCAGAAATACTTCCCTACGGGATGTTCTAGTGGCTGTCACCAACATGA  
ACCCTAGTACCCTGCAGCCCAATGTCTTCTTCTGGCATATGGGAGACCCCTGCCACAGCCAAGACAGCT  
CAGCACTCAGGGCTTGCCAGCCTGTGCTCCCTCCACCATGCAGGACTATTTTGAAGGCAGTGGATTTGGC  
TTTGGAGTCACCATTTGGGACTCTCTGCTGCTTCCCCCTCGTGAGCCTGCTTAGTGCCTGGATTGTTGCCC  
GGCTCCGAAAGAAAAATTTCAAGAAGCTCCAGGGCCAGGACCGCAAAGCGTCATGTCTGAGAAGCTCGT  
TGGGGGCATGGAAGCATTGGAATGGCAGGGCCACAAGGAGCCTTGTGGCCTGTGCTCGTGACCTGCAG  
CCTGGGCAGATCTGTGTGGTGGATGGCAGGCTGTCTGTGCTCCGCACCATCCAGCTACGGCCCCCCCCAGC  
AGGTCAACCTCATCTATCTGGCAACCGCGGACGCCGGGCCCTGCTGCTCAAGATCCCCAAGGAGTATGA  
CCTGGTGTGCTGTTTAACTGGAGGAAGAGCGGCAGGTGCTGGTGGAAAACCTTCGGGGGGCCCTGAAG  
GAGAGCGGACTGAAGTTCAGGAGTGGGAGCTGCCGGAGCAGGAACCTGATGAGGACAGCTGTGACACGAC  
AGCAGAGGAGCCATCTCCTGGGAGACCTTTTTCAGGCACCTTTTCTCCAGGTGCTGGACATCGACACAGC  
AGATGCAGGGACCTGCCTCTGGACTCATCCCAGAAGGTACAGGAGGCCCTGACTTGCGAGCTGAGCAGA  
GCTGAGTTTCCGAGTCCCTGGGCCTTAAGCCCCAGGACATGTTTGTGGAGTCCATGTTCTCTCTGGCTG  
ACAAAGATGGCAATGGCTACCTGTCTTCCGGGAGTTTCTGGACATCCTGGTGGTCTTCATGAAAGGTTT  
TCCTGAGGAGAAGTCTCGCCTTATGTTCCGCATGTATGACTTTGATGGGAATGGTCTCATTTCCAAAGGAT  
GAGTTCATCAGGATGCTGAGGTCTTCATCGAGATCTCCAACAACCTGTCTGTCCAAGGCTCAGCTGACTG  
AGGTGGTAGAGTCCATGTTCCGGGAGTCAGGCTTCCAGGACAAGGAGGAACCTGACGTGGGAGGACTTCCA  
CTTCATGCTGCCGGATCATGACAGTGAAGTCCGATTCACGCAGCTCTGCGTCAGAGGGGTGGAAGTACCT  
GAAGTACCTAAAGACTATGCCCGGAGCCTCCTACATTAGCCAGGAAAAGATCTGTCCCTCCCCCAGAG  
TGAGTGCTCGCTGTCCCCACAGCAACACTGAGGTGGAGTGGACACCACAGAGACTGCAGTGCCCCGTGGA  
CACAGACCTCCCCAGGAGATTCTGTCGGAGGTTTGGCAAGAAGGTAACATCATTCAGCCCCCTGCTGTTT  
ACGGAGGCTCAACGGGAGAAGTCCAACGCAGCCGCCGCCACAGACCTTGACAGAGTTCAAGCGCTTCA  
TCGAGAACTACCGACGCCACATTGGCTGTGTGGCTGTGTTCTATGCCATCACTGGGGGCCCTTTTCCCTGGA  
GCGGGCCTACTACTATGCCCTTTGGGGCTCACCACATGGGCATCACGGACACCACCCGTGTGGGCATCATC  
CTGTCCCGGGGCACAGCCGCCAGCATCTCCTTCATGTTCTCCTACATCCTGCTCACCATGTGCCGCAACC  
TCATCACCTTCTGCGAGAGACCTTCTCAACCGCTATGTGCCCTTCGACGCCGCTGTGGACTTCCATCG  
GCTCATTTGCCCTCCACTGCCATCTCCTCACAGTCTTTACACAGTGCGGGGCCAGTGGTGAATGTGTACCTG  
TTCTCCATCAGCCCACTCAGCGTCTCTCCTGCCTCTTCCCTGGACTTTTCCACAATGATGGATCTGAGT  
TTCCCCAGAAATATTATTGGTGGTCTTTTACAGCTGTGCCAGGCCTCACGGGGGTGATGCTGCTCCTGGT  
CCTGGCCATCATGTATGTCTTCGCTCCCACCACTTCCGTCGCCACAGCTTCCGGGGCTTCTGGCTGACC  
CACCACCTTACATCCTGCTCTACGTGCTGCTCATCATCCATGGCAGCTTTGGCCTCATCCAGCTGCCCC  
GTTTCCACATCTTCTTCTGGTCCCGGCACTAATCTATGTGGGGGACAAGCTGGTGAGCCTGAGCCGGAA  
GAAGGTGGAGATCAGCGTGGTGAAGGCAGAGTTGCTGCCCTCAGGCGTGACCCACCTGCAGTTCAGCGG  
CCCCAAGGCTTTGAATATAAGTCGGGACAGTGGGTGGCAGATTGCCTGCCTGGCTCTGGGCACCACTGAGT  
ACCACCTTACATCCTGCTCTGCAACCCATAGGACACACTCAGCCTGCACATCCGGGCAGCAGGCC  
TTGGACCACTCGTCTCAGGGAGATCTACTCACCTCCAACAGGAGATGGCTGTGCCAAATACCCAAAGCTG  
TACCTTGATGGACATTTGGAGAGGGTCACCAGGAGTGGCATAAGTTTGAGGTATCAGTGCTGGTGGGAG  
GGGGCATTTGGGGTCACCCCTTTGCCTCCATCCTCAAGACCTGGTCTTCAAGTCATCAGTCAGCTGCCA  
AGTGTCTGTGAAGAAGATCTACTTCACTCTGGGTGACACGAACCCAGCGGCAGTTTGAGTGGCTGGCTGAC  
ATCATCCGGGAGGTAGAGGAGAATGACTGTGAGGACCTGGTGTCTGTGCACATCTACATCACCACAGCTGG  
CTGAGAAGTTTGACCTCAGGACCAACCATGTTGTACATTTGTGAGCGGCATTTCCAGAAGGTGCTGAACCG  
GAGCCTGTTTACGGGCCTACGCTCCATCACCACCTTCGGCCGCCCTCCCTTCGAGCCATTCTTCAAGTCC  
CTGCAGGAGGTCCACCCACAGGTCCGGAAGATTGGGGTGTTTAGCTGTGGCCCCCTGGCATGACCAAGA  
ATGTGGAAGAGGCTGTGAGCTCATCAATAGGCAGGACCGGACTCACTTCTCCCACCATATAGAACTT  
CTAGGCCTCCTGTCCAAGGGCTTCTCCACTGTCCCCTGAGCAGGTCTGGACCCGCACCTTACTCTGTA  
CTTCTGTCTTCTGGCTTCTCCTCAGCCTTCTCCCCATCTCTAGCTCCCACTTTGGTCCGAGTGACCATGGT  
CAGTCAACCCATATGGGTTTCAAGACCCCAAGTTTCAAGCTGTCTCAGCCTGGAGAAATGGGAGGCACTG  
TCTGGGAAATAGCAGGTAGGAGAGCTATTATTACTTTGGGGCAAAGGGACACCTCTTCTTCCAACTAAG  
AAAAACCTCAAAAGACTGGAGCTGACATGTGTGAGCTGTGTGATGTGTACAGGGGACTGTGAGCCTAA  
GGGTGAAGTGGGAGCACAGATGCTGGCATTGTTGAACCTTCTCCCCCAAGCCTCCCCCTTCTCTAGGCTC  
CCCAGTGTCAAAGGGCTGGCAAATGCCTTGGGCGGGGAGAGCTAGACCTGCAGAGAGAAATTTACAG  
GAACCCCTTACGCTCCTAGTCTAACAGCACAATTGATCTCCTCTCCCGGGTCTTAAACGTGTACTGTA  
GTAGAATCTGGCCTGATATCTCTTGTAGTGCTCTCAGGCCTTCTCTCCCTACTGCAGTAGTCTCCTTT  
ATAAATAAACCACTTTTCTGCCAAAAA

>GBCA0208 |Acc|AF133835|Ver|AF133835.1 GI:6381992|Canis familiaris growth hormone  
receptor precursor (GHR) mRNA, complete cds.  
GTCCTACAGGTATGGATCTCTGGCAGCTGCTGTTGACCTTGGCAGTGGCAGGCTCAGGCAGTGCTTTTTT

TGGGAGTGAAGCCACACCAACTATCCTTGGCAGCGCATCCCAGAGTCTACAAAGAGTTAATCCAGGCCTA  
GGGACAAATTTCTCTGAGAAGCCTAAGTTTACCAAGTGCCGTTACCTGAACTAGAGACTTTTTTCATGCC  
ACTGGACAGATGGGGTTCGTATGGTCTAAAGAACGCAGGATCCGTACAGCTGTTCTATATTAGAAGGAG  
CACGCAAGAATGGACTCAAGAGTGGAAAGAATGCCCCGATTATGTCTCTGCCGGAGAAAACAGCTGTTAC  
TTTAATTCATCTTATACCTCCATTTGGATACCTACTGTATCAAGCTAACCAGCAATGGTGGTACGGTGG  
ATCAAAAGTGTTCCTCTGTTGAGGAATAGTGAACCCAGACCCACCCATCGGCCCTCAACTGGACTTTACT  
GAACATCAGTTTAAACGGGAATCCATGCAGATATCCAAGTGAGATGGGAACCACCACCCAATGCGGATGTT  
CAGAAGGGATGGATAGTCTCAAGTATGAACATAAACAAGAAGTGAATGAGTCCAGTGGAAAATGA  
TGGACCCTGTATCGGCAACATCAGTTCAGTTTACTCGTTGAGACTGGATAAAGAATATGAAGTGCCTGT  
GAGATCTAGACAAAGAACTCTGAAAAATATGGCGAGTTCACTGAGGCGCTCTATGTAACACTTCCCTCAA  
ATGAGTCCATTTGCATGTGAAGAAGACTTCCAGTTTCCATGGTTCCTTAATTATTTACTTTGGAATATTTG  
GGCTAACGATGATATTTATTTTATTCATATTTTCTAAACAACAAAGGATTAAGATGCTGATTCTTCCCC  
GGTTCAGTTCCTAAAGATTAAAGGAATTGATCCAGATCTCCTCAAGGAAGGAAAATAGAAGAGGTGAAT  
ACAATCTTAGCCATTCATGACAACATAAACTGAATTCCTACAACGATGACTCTTGGGTGGAATTCATTG  
AGCTGGATATTGATGACCTAGATGAAAAGACCGAAGGATCAGACACAGACAGACTTCTAAGCAACGACCA  
TGAGAAATCACTTAACATCCTTGGGGCAAAGGATGATGACTCTGGACGTACCAGCTGTTATGAACCTGAC  
ATTCTGGAGACTGATTTTAAATGCCAGTATGTGTGTGATGGTACTTCAGAGGTTGCTCAGCCACAGAGGT  
TAAAAGGGGAAGTAGATCTCTTGTGCCTTGACCAGAAGAATCAAAATAAAGTCACTCTACTGATACATAC  
CCCTACCCTCAGCAGCCAGCATTATCCTGGCGAAGGAAAACAAACCAAGACCACTTCTAATTAGTGGGA  
ACTGAGTCAACTCAGCAAGCTGCCCATACTCAGCTAAGTAACCCGAGTTCACTGGCAAAACATTGACTTTT  
ATGCCCAGGTAAGCGACATTACTCTAGCGGGGAGTGTAGTCTTTCCCCAGGCCAAAAGAATAAGGCAGG  
GATATCTCCATGTGACATGCCTCCAGAAGTGGCCTCACTCTGCCAAGCTAAGTTCATCATGGACAATGCC  
TACTTCTGTGAGGCAGATGCCAAAAAGTGCATCACTGTGGCCCTCACGTCGAGGCTGAATCACGTGTAG  
AGCCAAAGCTTTAACCAGGAAGACATTTACATCACCACAGAAAGCCTTACCCTACCCTGGCCAGCTGG  
GACAACTGAGAGGCTGTGAGTTCTGAGATGCCTGTCCAGACTATACCTCCATTACATCATCCAGTCT  
CCGCGGGGCCCTTGTGCTCAATGCAACTGCCTTGCCTTGCCTGACAAAGAGTTTCTCTCATCATGTGGCT  
ACGTGAGCAGCAAGCAACTGAACAAATCATGCCGTAGCCTTTCTTTGGTTTCCCA  
>GBCA0209 |Acc|AB032025|Ver|AB032025.1 GI:5822851|Canis familiaris mRNA for ubiquitin,  
partial cds.  
ATGCAGATTTTGTAAAGACCCTGACGGGCAAAACTATCACCCCTTGAGGTCGAGCCCAGTGACACCATTG  
AAAATGTCAAAGCCAAAATCCAAGACAAGGAGGCATCCCGCTGACCAGCAGCGTCTGATTTTTGCGGG  
CAAACAGCTAGAAGATGGCCGAACCTCTGTGAGACTACAATATCCAGAAAGAGTCCACCTTGCACTTGGTG  
CTTCGCCTGCGAGGTGGCATCATTGAGCCTTCACTCCGCCAGCTGGCCCAAGAAATACAAGTGCAGACAAGA  
TGATCTGCCGCAAGTGTATGCTCGCCTGCACCCCGTGTGTCAACTGCCGCAAGAAAGTGCAGGCCA  
CACCAACCACTGCGCCCAAAAAGAAGGTCAAATAAGGCCCTCCACAGCTCTTCTTTGCCGCGAGG  
GCGGCAACCTGCCGAGCCTCAATAGTCTCGGGCCTCAATAAAGTTTCCCTTTTATTGACTGGACTA  
GTCTCGAGTTTTTTTTTTTTTTTTT  
>GBCA0210 |Acc|AF162445|Ver|AF162445.2 GI:9058658|Canis familiaris skeletal muscle  
chloride channel ClC-1 (CLCN1) mRNA, complete cds.  
GGCCTTGGGGACAGGCAAGAGGACAGGCTTAAGGAGCTGTATTGGGGGTTGGACAGGGGCAAGCAGGCCG  
AGGCCTGGCCAGGGAGGGAACATGCAGCCATCCCAGTCCCTGCGGCGTGGGGGCGAGCAGAGCTGGTGG  
GGTAGTGCTCCCCAGTACCAGTACATGCCTTTTGAACACTGCACCAGCTACGGACTGCCCTCCGAGAATG  
GAGCCCTTCAACACAGGCTCCACAGGGATGCAGGCCTCCGCGCCAACACCCGCCCCACACAGATCTATGG  
CCATTACAACAGCAATTCTCAGACAAGGAGCAGGACACAGGGATGTCCAAGAAGATGGGCTCCAGTGAA  
AGCATGGACAGCAAGGATGAGGATCACTATTCTAAATGTCAAGGCTGTGTCCGCCGCTGGGACACGTGG  
TGAGAAGAAAGTTAGGAGAAGACTGGATCTTTCTGGTGCTCCTGGGACTGCTTATGGCCCTGGTTAGCTG  
GAGCATGGATTATGTGAGTGCCTTCAAGGCTTCAAGGCTTCAAGTGGAGCTACTACCAGATGCAGCCCAAC  
CTGCCTCTGTGCTGCTGGTCTGGGTCACTTCCCGCTAAGTCTCATCCTCTTTCAGCGCGCTCTTTGGCC  
ACCTCATCTCTCCCAGGCTGTTGGCTCTGGGATCCCTGAAATGAAGACAATACTCCGTGGAGTCATCCT  
GAAGGAATATCTACCTCAAGGCCCTTGTGGCCAAGGTTGTGGCCCTGACTGCGGGGCTGGGCAAGTGGC  
ATTCCTGTGGGAAGGAGGGGCCCTTTCTGTCACATTTGCCAGCATCTGTGCTGCGGCTCCTCAGCAAGTTTA  
TGTCCATGTTCTGTGGGCTATGAGCAGCCATTAATTAAGTACACTGACATGCTGACGGTGGGCTGTGCTGT  
AGGAGTTGGCTGTTGTTTTGGGACGCCACTTGGAGGAGTGTGTTTCAAGCATCGAGGTCACCTCTACATAC  
TTTGCTGTGCGGAATCTAGGCGAGGATCTTTTGCAGCCACGTTCAAGTGCCTTTGTTTTCCGCGTGTGCTGG  
CCGTGTGGAACAAGGAGCCTGTCAACATCACTGCTCTTTCAGAACCAATTTCCGAATGGATTTCCCTTT  
TGAGCTGCAGGAACCTCCAGGCTTCCGATCATCGGATTTGCTGTGGCTTCTGGGAGCCGCTGTGCTGTG  
TACCTGCATCGCAAGTCACTGCTCGGTGTCCGAAAGCACAGGCCCTCAGCCAATTTCTGGCGAAGCACC

GCCTGCTGTATCCTGGAATAGTTACCTTCATCATTGCCTCATTACCTTTCCGCCAGGAATAGGCCAATT  
 CATGGCTGGAGAGTTGATGCCCTCGTGAAGCCATCAGCACCTTATTCGACAATAACACATGGGTAAAGCAT  
 GTGGGTGACCTGAAAGCCTGGGCCGCTCAGCTGTGTGGATCCACCCACGGGTCAACGTGATCATCATCA  
 TCTTCTCTTCTTTATCATGAAGTTCTGGATGTCCATCGTGGCCACCACATATGCCTATACCCTGCGGAGG  
 CTTTCATGCCCTGTGTTTGTGCTAGGAGCTGCATTTGGGAGGCTGGTAGGAGAGATCATGGCCATGCTATT  
 CCTGATGGTATCCTATTTGATGACATCATCTACAAGATCCTACCTGGAGGCTATGCGGTAAATTGGGGCAG  
 CAGCGCTGACCGGTGCAGTATCCACACAGTCTCCACAGCTGTGATTTGCTTGAATTAACGGGTGAGAT  
 TGCCACATCCTGCCCATGATGGTGGCTGTCATCTTGGCCAACATGGTGGCTCAGAGCCTGCAGCCCTCC  
 CTCTATGACAGCATCATCCAGGTCAAGAAGCTACCCTACTTGCCTGACCTTGGTTGGAACAGCTCAGCA  
 AATTTACCATATTTGTTGAGGACATCATGGTTCGTGATGTGAAGTTTGTTCAGCTACTTGCACATACGG  
 GGAATTGCGAACCCTGCTCCAGACCACACAGTCAAGACTTTACCACTGGTTGATTCTAAAGATTCTATG  
 ATCCTGCTGGGCTCCGTGGAGCGCTCAGAGCTACAGTCCCTCCTGCAGCGCCACTTGGGCCCTGAGCGGA  
 GGCTGCGGGTGGCCAGGACATGGCCAGGAAGTTGTCTGAGCTGCCCTACGATGGGAAGGGACACCAAGG  
 CATCTCACCCGAGGGCCGAAGGGAGTCTTTGCTTTTGTGGATGAGGATGAAGATGAGGACCTCTCTGGG  
 AAGCCGAGCTGCCCTCCTCTTCTCCTCCTCACCCTTTACCATCTGCCCATTTGTCTCTGAAGAGTCCA  
 ATGGGCCCTGCCAGCCACAACAGCAGCCAGAAGCAGCGAGCCTGCAGATCAAAGACCCTCTGTCTT  
 TCGGTCCCTGCTGCGCTGCTTACTTGGCAGACCTCGCCCCAGGAAGAAGAAAACAACCCAGGAGTCAATG  
 GATTTAGTGGACAACATGTACCTGAAGAGATCGAGGCCCTGGGAACAGGAGCAGCTGAGCCAGCCTGTCT  
 GTTTTGACTACTGTGTCATCGACCAATCCCCCTTCCAGCTGGTGGAGCAGACGTCCCTGCACAAGACCCA  
 CACGCTCTTCTCGCTCCTTGGCCTCCACCTTGCCTATGTGACCAGCATGGGGAAGCTCAGGGGCGTGCTG  
 GCATTGGAGGAGCTGCAGAAGGCCATCGAGGGGCACACCAAGTCTGGGGTGCAGCTCCGCCCTCCCCCTGG  
 CCAGCTTCCGAGCAGCACTTCCACTCGAAGAATCCGGGAGGCCACCCCTCCACCCAGGCCCTGGAG  
 TCTGCTGAGGATGGAACCTGGGGCTCCTGCTCCCCAGAGCCCCCGCACCTCCCCCTCCCCAGCTCCC  
 TTGCTCTCTGAGGCTCCAGCCAAAGTGGAGGGTGAAGCTGGAGGAGCTGGAGCTGGGAGAGAGTCCAGGGC  
 TGGAGGAGGAGCTCGCTGACATCCTGCAGGGCCCAAGTCTGCGATCCACGGATGAGGAGGACGAGGACGA  
 GCTGATTCTTTGACGGCCTCCAGGATCTCCTCTTAAAGACCGTTCCGGGGCCAGGCCAGAGGCTGGACT  
 TGTGTGTCAGGGGTATGTCCTGAGTTGGAGACCTCACACCATCGCCCTGGCCCCCTTCTGGGAATCTTAA  
 AATGTGATAGTGATAGTCTGCTATTTAGGCCCTGTGCCCCCATCTGGACAGGCAGGAGGTTCTGGCCCC  
 AGTGAAGGACCTGATACTCCACAGGGCTTCCCGAGTCCCCCTGGTCTGTGAGTGGGAGACACCTGCCTC  
 TGCCGGCCTCGGCCCTCCCCCAGCCCCACAGTCCCTTGGTCTTCTTGTTCGGGCACCTTCTAGCACCT  
 TCCTTGCTTTGGCCCGTCTCGCCAGTCTCCACGGGGGGAGGCCACAGTGACTGTGGCCTGGGGGGAGA  
 TGGGAGAAACTCATGGCCTCGTGGGCTGATGGCCCGGATACACTCAGGAATAATCCACAGCCACTCTC  
 AGAGCCCCCAACCTCGTTCTCCACTTACAGCCGCTCCCTGATATTTGCCTCCTCCTCCATCCTGGC  
 TCCCACTACCTGCCGCCAGGCAAGGGCCAGTCCCCTAGCTCCCTGGCCGGGATATAGGCAGGCCCTGAGA  
 AGAAAAGGTCTCTGTGCAGGAAGCAGGTGTCTTGTGCTGCCAGCGTTTCATGCCTCCTTCAGGCACAAATCC  
 GCCCCATCTCACACCAGGCATGGCTTCCCTCGCCCTCCAGGTCCAGGGCACTCCTGGGAACCTAACCTCA  
 CCTCCCCACGGTCTCCTGATCTATCCTGCCCAAGGGTCAAGTGTGCCCTCCAGCTGCTGGGGCCAGGG  
 CTCTCTCCACCAAGACCGAGGCTCAGGGCAGCCAGGCCACTGGGTCTCTCAGCCACCAGCCCTACTGAGA  
 CTAGTTCTTTGTGTTTCGTCTTCTAGAGGTGGACAGATGGGGGTTCAAAGTCAACATGGCAGGCCCCCTTG  
 ATGCTTCCCATGCTCGGAAGTCAGAGGCCCTCCTCCCCAATCAGCGACAGGATGCCTGCCGCTGGCCTG  
 CCTTTCTATGAGGTGGTCCCAGGTGCTCTGAGCCCCCAGAAGCCCTCATTTCCACACCCACGGCTCCCC  
 TGCTCCCTCCTTTTGTGCTCCGTCCAGTTGTGTAGTTTTACCCCTGTCTGACATCCTCCTGCCTCCCC  
 CCCCTATGCCCAGGCTCCATCATCCCCCAATAAGACACTCATAGTCAGAGGTGCCACCACTTCTGTTT  
 AGTACCATTGAACACAGCCTGTGCCCCCAACATGACATCCCTTCCACCTCCCCAGGCCGAGAGAGAGA  
 GGGTGCAGCCTGGAGAGGGGGACTGGCAGTGGGCATTTGAGCCATGTCCATGTGTATATAATCTATAAT  
 ATTTATATATATATATTTATATATAATTCTCTCTGTAATATATGTCATAGAATCTCTTTGGGCCCTGGG  
 TGGCAATGTGCGCATTAAGAAAACATGCTAAGACTGGCCATAAAAATGGATATTTCCAGACCTGGAAGAC  
 AGAGTATGGGACGTGGAGGTGAGGGCAAAGAGAAGGTACATACGCTCATTACCAAGAGCCCCCTCCAAGC  
 ACAAGGGTAAGAAGGGAGGCGTAGGGGGAGGAGGGCCAGTGGGAAGGGGAGGAATGGGAAATTTGGATTTT  
 TCTTTAATAAAGTGATTTGAAAACGAG

>GBCA0211 |Acc|AF135967|Ver|AF135967.1 GI:7595236|Canis familiaris caspase-1-like protein  
 mRNA, complete cds.

ATGGCCGACAAGGTCTGAAGGACAAGAGAAGGCTGTTTGTCCGGTCAGTAGACATGGGGACCATCAATG  
 GTTGTCTGGATGAACCTTTGAGAAAAGAGTGCTGAACCACGAGGAGATGGAGCGAGTGGGTGTGCACA  
 CTCTACAGTTATGGATCAGGCCCGAGTTCTGATTGACTCCGTCTCCTCGGAAAGGGCCAAATGCATGCCAG  
 ATTTTATTTCTAATATTTGCAATGAGGACATTACCTGGCACAGACGCTGGGGCTCTCCTCAGGTTTAC  
 CATCTGGAAATGATCATACCAACTAGACTCTCAAGTAGAAGTTCCTTCTTTACCAGCCTTCGTGGAAAA

CATGCCTGGGCCAACCATTCTGACTCAGAAGAATCTACAGATACTCTCAAGCTTTGTCTCTGAAACA  
 TTTGTGAAAATGTATAAAGAGAAGGCTGAAGAGATCTACCCAATAAAGGAGAGAAAGGATCGTACTCGTC  
 TGGCTCTCATCATATGCAATATAGAGTTTGATCATCTTTCTACCAGGGATGGAGCTGAACCTTGACATTGC  
 AGGAATGGAGAGTCTGCTGGAGGGCCTGGGCTACAGTGTAGTTGTGAAACGGAACTCACTGCTAAGGGT  
 ATGGAATCAGTGCTACGGGAATTTGCTGCCCGCCAGAGCATAAGTCCTCAGACAGCACATTCTTGGTGT  
 TAATGTCTCAGGGCATCTGAATGGAATCTGTGGGACCGCACACAGCGTGGAAAATCCAGATGTACTAGC  
 TTATGACACCATCTCCAGATTTTCAACAACCGTCACTGCCTCAACCTCAAGGACAAAACCGAAGGTATC  
 ATCATCCAGGCTGCAGAGGTGAAAATCCTGGGGAACGTGTGGGTGAGCGACTCTCCAAAAGCCTCGACAG  
 ACAGCTGGACACATCAACCTCTGATGCTCCAGAGTGATGCCATTACAAGGTCCACGTGGAGAAGGACTT  
 CATTGCTTTCTGCTCCTCAACCCACATAATGTGTCCTGGAGACATATCACGAAGGGATCTCTTTTCATT  
 GCACAACCTCATCACATGCTTCCAAAATATTCTGGTGCTGTACCTAGAAAGGAGTATTCCGGAAGGTAC  
 AACATCATTTGAAAACCCAGATGTGAAAGCCCAGATGCCGACCATTGAACGAGTATCCATGACAAGATA  
 TTTCTATCTCTTCCAGGACATTAA  
 >GBCA0212 |Acc|AJ401272|Ver|AJ401272.1 GI:8979742|Canis familiaris mRNA for Band4.1-like5  
 protein (be37 gene).  
 CGCCGGGTGGGCGTGCCTCAGGCCGCCATTTCTCGGCGTCCGCCGAGGAGCCGCCCTCCCCGGGCT  
 CGCCCGCGACCCGAGCGCCCGCGCGCGCGCTCTCGCGCTTCGGTGCAGCCAGTGAAGAAAATGCT  
 GAGCTTCTCCGTAGAACACTTGGGCGTCCGTCAATGCGTAAACATGCTGAGAAGGAACGACTCCGAGAA  
 GCTCAACGAGCTGCCACACACATTCTCTGCAGCTGGAGACTCTAAGTCTATCATCACATGTCGGGTTTCTC  
 TTTTGGATGGTACTGATGTTAGTGTGGACTTGCCGAAAAAAGCCAAAGGACAAGAGCTCTTTGATCAGAT  
 AATGTACCACTTGGACCTTATGAAAGTGACTATTTTGGATTGAGATTTATGGATTCTGCACAAGTAGCA  
 CACTGGTTAGATGGTACAAAGAGCATCAAAAAGCAAGTAAAAATTGGTTACCCCTATTGTCTGCATCTTC  
 GAGTTAAATTTTATTCTTCAGAACCAATAATCTTCGGGAAGAGCTAACCCGGTATTTATTTGTTCTTCA  
 GTTAAACAAAGATATTCTCAGTGGAAAATTAGAGTGTCCCTTTGATACAGCAGTTGAGTTGGCAGCTTAT  
 AATCTGCAGCTGAACCTTGGTGACTATGATCTTGTCTGAGCATAGTCTGAACCTTGTATCTGAGTTCAGGT  
 TCGTGCCCATTCAGACTGAAGAGATGGAGCTGGCTATTTTGGAGAAATGGAAGGAGTACAGAGGTCAAAC  
 ACCAGCACAGCTGAAACCAATTACCTGAATAAAGCCAAATGGTTAGAAATGTATGGGGTTGATATGCAT  
 GTAGTCAAGGCTAGAGATGGGAATGACTATAGCTTGGGACTAACTCCGACAGGAGTCTTGTTTTTGAAG  
 GAGAGACCAAAATTGGCTTATTTTTTGGCCCAAGATAACCAGATTGGATTTAAGAAGAATAAATTAAC  
 TCTGGTGGTTGTAGAAGATGATGTTTCAAGGAAAAGAGCAGGAGCATACATTGTCTTTAGACTGGATCAC  
 CAAAAGCATGCAAAACATTTATGAAAATGTGCTGTGGAACATCATGCATTCCTTCGCTTCGAGGTCCGG  
 TCCAAAAGAGTTCTCATCGATCAGGATTTATTCGACTAGGATCACGATTTAGATATAGTGGGAAAACCTGA  
 GTATCAGACCACAAAACCAATAAAGCAAGAAGATCAACATCCTTCGAAAGAAGACCCAGCAAAACGATAC  
 TCTCGAAGAACTCTACAAATGAAAGCAAGTACAGCAAAAACCTGAAGAATCAGTGTTCACAATAATGTTT  
 CAACTACAGATGATGATCCCAACAGGCTTGGAGTGTGAGATCAACTCTGCCTGTGATTCTCTGTCC  
 CTCTGGTCTGTGCTGGCAGAGATAGAGAATCTTCCAAGGAATCCTGGATCAAACAGTATGACAGGAAA  
 TGGGTCTCTGCTGCCAGTGAAGTGTCAACGTGGTGGAAACAGTGGAAACACAAGGGCCTTGTCCCCAC  
 CCCAGCCTGCACATAGAACTACACTGACTTTGTCCATGAGCACAATGTGAAGAATACAGGAGTCCATCA  
 TGATGTTTCATTTTCCCGCCATGCAGCCATGACTGAGATATGAGTGTAAAGCCATTAGACACTGGGACT  
 CTTTGTCTATGCAAGTTGATGGTATACATTTTCTATACATAGAGGATTGATCACATTAGGAGAATTTGGGA  
 GAAATTACTTTATATTGAGTCACTAGTTGCATAGTATTGTTTGTAAATCTGTGAAAGGGGAAAGAAATGTG  
 AAGAAAGCTGTATGCCATCAATGATAATCACACATGCTTTTGTATTGAAAGGGTATGTATATATCATTGT  
 GATTTTGGAAAGGTTTTCATGATTTTAAACATGGTAATACATCACTCAGAAGATGTCTCAGGAGAAGGTT  
 TGTGTTTGTGTAAGGCTATCTGTTATCTCTCCACACCATGCCATCCAAATAGATTGAGGTTAAAGAAAT  
 CAGATACACTAATCACACACTGAGAAGGAAGCATATCCAGGCACAATGTATCAACCTTTGGTGATACTTT  
 GATAAACTGCTTTTCTATGCATTTTAAATACTTCTACAAATGACCCATGCCTTAATTTTCAAGTTAAGTGC  
 CTAAGATTCTATAATTGTAATTAATGTAATTTTGTAAAGCACTATTACTTTTGTACAAACAGCAT  
 TTTATTTTACCAAGATCTAG  
 >GBCA0213 |Acc|AF148801|Ver|AF148801.1 GI:8131935|Canis familiaris retinitis pigmentosa  
 GTP-ase regulator RPGR (RPGR) mRNA, alternative splice variant, complete cds.  
 GCCCTTCGAATTATACCCCAACCAATAGCCCTGGCACCTTCCCGGTTCAAGCGCAGGCTCCCCGCAC  
 CGCCCTCGGCATGGGGGAACCCGAGGAGGTGATGCCCGGTTCAAGGTGCTGTGTTACATTTGGGAAAAC  
 CAATTTGCTGAAAATATTCCAGCAAAATTTGGTTTAGAAAATGATGTACCTACATTTCTTTTCATGTGGAG  
 ATGAGCATACTGCTGTTGTTACAGGAAATAATAAACTTTACATGTTTGGCAGTAACAACCTGGGGCCAGTT  
 GGGATTAGGATCAAAATCAACTGTTAGCAAGCAACGTGTGTAAGCTTTAAACCTGAAAAAAGTGAAA  
 TTTGCGGCTGTGGGAAGAACACACCTAGTTTCAACAGAAGGAGGCAAGTATATGCAGCTGGAGGAA  
 ATAATGAAGGACAGCTGGGACTTGGTGACACTGAAGAGAGAAGCACTTTTCATCTAATTAGTTTTTTTAC

ATGAGCGAGGCGGGCGAGGCCACCGGCACCACCAGCAGCAGCAGCAGCAGCCTCCCGCAGGGCTCCGGCGG  
AGGCGGGCCCCCGCGCGCCCTCAGGACCCCGCGCCCAAGAGCCCGGGGGGCAGCGGCGCGCCCCAGGCCCGC  
GGCCCCCGCGCGCGCGCGCTCGCGCGGGGAAACCCGGTGGGGAGCGCGGCCCGCCAGGCCAGCGGGCACCC  
CGGGCCCCCGCTCTTTCGGCCCCCGCGCGGTGAGGACGCGGAGAAGTAAGTCTCGCCACCAAGTCTC  
TTGGCACTGTCAAATGGTTCAACGTCAAGAAATGGATATGGATTATAAATCGAAATGACACCAAGAAGA  
TGTATTTGTACATCATCAGCTCAAGAAGAATAACCCACGGAAATACCTGCGCAGTGTAGGAGATGGA  
GAAACTGTAGAATTTGATGTGGTTGAAGGAGAGAGGGTGCAAGACGCCAATGTGACTGGACACAGACG  
GAGTTCCTGTAGAAGGGAGCGGTTACGCTGCTGATCGGCGTCGATACAGACGTGGTACTACTAGGCAGACG  
CCGTGGACCTCCCCGTAATTACGCTGGGGAGGAGGAGGAGGAGGAGGAGCGCGAGGTGAAGAGATTGAC  
CCCCCTGCCATGACGGGCAGTTCTCTGGGGCCCGGAGTCAGCTGCGCGCCCCCAGTATCGCCCTCAGT  
ACCGGAGGCGGGTTCGCCGCTTACCACGTGGGACAGACCTTTGACCGTCTGCTACGGGTCTTTCCCCATCC  
CAACAGAATCGAGGCCGGTGAGATTGGAGAGATGAAGAGGGAGTCCCAGAGGGGACACAGCTGCAGGGA  
CCGGTTCATCGAAATCCAACCTTACCGCCCAGGTACCGGAGGAGGCCCTCTCGCCCCCAGTGTCCCCAG

CTGTTGGTGAGGCTGAAGATAAAGAGAACCAACAAGCAGCCAATGGTCCAAACCAGCCATCTGCTCGCCG  
TGGATACCGGCGCCCATACAACATATCGGCGTCGCCCCCGCCCCCTAATGCTCCTTCACAAGATGGCAAA  
GAGACCAAGGCACCTGAAGTTCCATCTGAGAACCCCGCTCCAGCCACCGAGCAGAGCAGTGTGAGTAA  
>GBCA0215 |Acc|AF171061|Ver|AF171061.1 GI:8100509|Canis familiaris Y-box protein ZONAB-A  
(ZONAB) mRNA, complete cds.  
TGCGCCGCTAGAAAACTTGTGCGGGGCCATTTTGGGGCAGTAAGATCGAGCGAGGAGCCCAAGAGCG  
AGCGCGCAGCCCGAGAGCTCGAGCCGCTCCGCCGCGAGACGCCCCCGCCGCGCCCTGCCCGCGC  
GATCCGACCCGCGCTCCCGAGAGCGAGCCCGGAGCCGCGACCGCCAGCCGCGCTAACCGCCCAAC  
GCCACCGAGCGCCCGAGCGAGAGCAGACGAGGCGGCATGAGCGAGGCGGGCGAGGCCACCGGCACCA  
GCAGCAGCAGCAGCAGCCTCCCGCAGGCTCCGGCGGAGGCGGCCCCCGCGCGCCCCAGGACCCCGCGCC  
CAAGAGCCCCGGGGGCGAGCGCGCGCCCCAGGCCGCGCCCCCGCGCGCCGCGCTCGCCGCGGGAAC  
CCCGGTGGGGACGCGGCCCCCGCAGCCACGGGCACCGCGGCCCGCCCTCTCGGCCCGCGCGGTG  
AGGACCGGGAGAAGAAAGTTCTCGCCACCAAAGTCTTGGCAGTGTCAAATGGTTCAACGTGAGAAATGG  
ATATGGATTTATAAATCGAAATGACACCAAAGAGATGTATTTGTACATCACACTGCCATCAAGAAGAAT  
AACCCACGGAATACTGCGCAGTGTAGGAGATGGAGAACTGTAGAATTTGATGTGGTTGAAGGAGAGA  
AGGGTGCAGAAGCAGCCAATGTGACTGGACCAGACGGAGTTCTGTAGAAGGGAGCCGTTACGCTGTGA  
TCGGCGTCGATACAGACGTGGTTACTATGGCAGACGCCGTGGACCTCCCGTAATGCCGGTGAGATTGGA  
GAGATGAAGGAGGGAGTCCCAGAGGGGACACAGCTGCAGGGACCGGTTTCATCGAAATCCAACCTACCGCC  
CAAGGTACCGGAGAGGCCCTCTCGCCCCGACCTGCCCCAGCTGTTGGTGAGGCTGAAGATAAAGAGAA  
CCAACAAGCAGCCAATGGTCCAAACCAGCCATCTGCTCGCCGTGGATACCGCGCCCCATACAACCTATCGG  
CGTCGCCCCCGCCCCCTAATGCTCCTTCACAAGATGGCAAAGAGACCAAGGCACCTGAAGTTCCATCTG  
AGAACCCCGCTCCAGCCACCGAGCAGAGCAGTGTGAGTAACACCGGCTCCCCAGGCACCTTTACCATC  
ACCAAGTGACCTAGAGAAATTAATGACCATTAGAGAAAGATAAAGCATAAAGCAGACCATGACCTTACCAAC  
ACCAAGAGACATCCAAGCAATAATGTGGAAGACTAATAACCAAGATGTGGACATTAGAATGTTACTAT  
TATTTCTTATGATACAGACAACTACAAAACAAAATGTGAGCCAATATTTCTAGCAAGCTGAGATCCCGG  
GAATGCCTGCACAAAAGACAAGAGAGCAACCTCCCCAGTTTCAGCAACCACTAGGTTTATATTTTTTCC  
TGGTTTTTACTGTTTTTGGTAATATGAATTGAAAAAAAATATTAATACCATGCGGAGAACCCCAACC  
AAAGAAACCTGAAATATATAGTAAATGCTTTTTTCTTTTTTGTTCATTTTGGTAGCTGGTGCTAAAC  
TTCCAGTGTCGTGATTTTAAAGAAATTTTATGCCCTTCTTATTTATTTCTAGGATGAGGGGAGGATAA  
CATTTTTGCTTTCTTATGTGACTCTTTAAAAATGTGCAGTATGAAGTCTCTCAAAAATAAAATTTTTACC  
CTTGAIAA  
>GBCA0216 |Acc|AF258614|Ver|AF258614.1 GI:8050818|Canis familiaris vacuolar proton-ATPase  
subunit ATP6H (ATP6H) mRNA, complete cds.  
GCGGGCTGGGCTAGGGGCTTGCCTCCGCGGCGAGCCATGGCGTATCACGGCCTCACGGTGCCTCTCATCG  
TGATGAGCGGTGTTTCTGGGGCTTCGTGCGCTTCGCTGCCCTGGTTTATCCCTAAGGGTCCCAACCGGGG  
AGTTATCATCACCATGTTGGTAACCTGTTCACTTTGCTGCTATCTCTTTGGCTGATTGCAATTTGCTGCC  
CAACTCAACCTCTCTTTGGACCACAGTTGAAAATGAAACCATCTGGTACCTCAGGTATCATTTGGCCTT  
GAGGAGGAAGACCTGCTCTCCAGCGCTCAGTCACTGAGGTACGAGAGAATTCCTCTAGATGCAAAATC  
AATCCAAACCCAGACCGCTTCTTTGACTTGCCCTATTTTGGCCATCAGCTGCCTTAAACATTACACCA  
TATTTGAATATCTATTTCTACAATGCAGTATTTTCTGTTGCTTTTATTTTACATTTTGATGAATTATGT  
GCCTACTTAAACTGTGCTGACTCCATAAAATGTTTATGCACTCTTCTGAGATAGAGGGTGCATTCTTCT  
GAGAAATACATTGCTCTCTCTTGGAACTGTGAATTTGAAGATGACTCCTGCCTGGTCACAACATGAGA  
ATCAGCAAAGTGTGTTTAAACTGTGACAGCAAGGCAGTCAAGGAGAGCATGTTTCAAGGGAATATC  
TGCCCAACAGAATTCACCAAAGTATATTTTCAAGGATGACTTCTTATTTCTGCCATCTACTGGAATAAA  
TTATTTTTCAAGCTTTCTG  
>GBCA0217 |Acc|AB035079|Ver|AB035079.1 GI:7959045|Canis familiaris mRNA for alpha-  
lactalbumin, complete cds.  
CATTTCAAGGCTCTTGGGGGCGACCAAAATGATGTCCTTTGTCTCTCTGCTCCTGGTTAGCATCTTGTTC  
CTGCCATCCAGGCAAAGCAATTTACAAAATGTGAGCTGCCCGAGTGCTGAAAGACATGGATGGCTTTGG  
AGGCATTGCTTTGCCGTAATGGATCTGTACCATATTTTCATACCACTGGTTATGATACACAAACCATAGTC  
AATAACAATGGTGGCACAGACTATGGACTTTCCAGATCAGCAATAAATTTTGGTGCAAGGACGACAGAGA  
ACCTTCAGTCAAGGAACATCTGTGACATCTCCTGTGACAAGTTCCTGGATGATGACCTTACTGATGACAT  
GATTTGTGCCAAGAAGATCCTGGATAAGGAAGGAATTGACTACTGGTTGGCCCATAAACCACTCTGCTCT  
GAGAAGCTGGAGCAGTGGCGCTGTGAGAAGTTGTGAGTGCCTGCTGCTCACTGGTGCTTCTGCTTCTGTAT  
GTTCTGGAATGCCTCTTCCCTAAGGCTACCTCAGTTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTGAATCCTGAGCTCTGTGTTGACACCACTGGACACTTGAAGGACTATTCTCCAGCAATGCATGGCTGGT  
ACACTGGACTTTTGACCCTTGTTCAGTGCCTCTGATGGCACTTTCAGTACAACAATGGATTTTCATCTCT



GTCTTGAATAAAGGGCCTGATTTTGAAAAAAAAAAAAAAAAA  
>GBCA0218 |Acc|AF216706|Ver|AF216706.1 GI:7839368|Canis familiaris plasma membrane calcium ATPase isoform 4a mRNA, partial cds.  
ATGCCGAGATGGAGCTTCGCCGAGGCCAGATCCTCTGGTTCCGGGGCCTGAACCGTATCCAGACTCAGATCGACGTAATTAACACATTCAGACGGGAGCCCTCTTTAAGGGAGTCCTAAAGCGACAGACCATGGGGCAGCATCTTGATGTAAAACATGTTCCCTAGCTCATCCTATGTAACAGTTGCGCCAGTTACATCTCCCCCACCACCTTCTGTTCTGCTGCTGCTCATCTCCTACTCTGGGCAATCAAAGTGGTGAAAGCGTTCCATAGTTCCCCTCCATGAAAGCATTAGAAACCCAAAGAACCAAACTCCATCCACAACCTTCATGACCCACCTGAATTTCGCATAGATGAGGAGGTGCCACGAACACCACTCCTGGATGAGCATGAGGAGGAAAATCTTGAAGTCCTAAGGCTGGGACTAGGTGCTCCTGTTGGATGGTGAGGTCACTCCGTATGCCAACAAAACAACATGCCGTGGA CTGCCACCAA  
>GBCA0219 |Acc|AB011373|Ver|AB011373.1 GI:7415413|Canis familiaris aquaporin1 mRNA for AQP-CHIP, complete cds.  
GCAGCGGTCTCAGGCCAAGCCCCCTGCCAGCATGGCCAGCGAGTTCAAGAAGAAGCTCTTCTGGAGGGCG GTGGTGGCCGAGTTCCTGGCCATGATCCTCTTCGTCTTCATCAGCATCGGTTCTGCCCTGGGCTTCAACT ACCCGGTGAGGAACAACAGACAGCAGGTGCGGCCAGGATAACGTGAAGGTGTCACTGGCCTTCGGGCT GAGCATTGCCACCTTGGCCAGAGCGTGGGCCACATTAAGTGGCGCCACCTCAACCCAGCTGTCACGCTG GGGCTGCTGCTCAGTTGCCAGATCAGCATCCTCAGGGCTGTCTATGTACATCATCGCCAGTGGCTGGGG CCATCGTGGCCACCGCCATCCTCTCGGGCATCACCTCCTCCCTTCGGGACAACTCCCTCGGCCGAAACGA GCTGGCCCTGGTGTGAACTCCGGTCAGGGCTTGGGCATCGAGATCATTGGCACCTGTCAGCTGGTGTG TGCGTGTGGCCACCACGGACAGGAGGCGGCGTGACCTCGGGGGCTCGGGCCCCCTGGCCATCGGCCTCT CTGTGGCCTTGGGACACCTGCTGGCGATCGACTACAGGCTGCGGTATCAACCCGCCCCGCTCCTTCGG CTCCTCGGTGATCACACATAACTTCAAGGACCACTGGATTTTCTGGGTGCGGGCCGTTTCATCGGGGGAGCC CTGGCGGTGCTCATCTACGACTTCATCCTGGCCCCCGCAGCAGCGACCTCACGGACCGCGTGAAGGTGT GGACCAGCGGCCAGGTGGAGGAGTATGAGCTGGACGGCGACGACATCAACTCCCGGGTGGAGATGAAGCC CAAGTAGAGAGGCCCTTGGCCCCGGGCACCCACGCGGGGTGGGCAGGGGCGGGCGGAGGGCGGGAGGGGTG CAATCACGTCCTAGACACTCTGACAAGCTGACCAA  
>GBCA0220 |Acc|AF177217|Ver|AF177217.1 GI:7688730|Canis familiaris matrix metalloproteinase-2 (MMP-2) mRNA, partial cds.  
CCGCCGCGCCGTGCGCCATCATCAAGTTCCCGGAGATGTCGCCCCCAAGACGGACAAAGAGCTGGCTGT GCAATACCTGAACACCTACTACGGCTGCCCAAGAGAGATGCAACCTATTTGTGCTAAAGGACACACTG AAGAAAATGCAGAAGTTCTTTGGGCTGCCCCAGACTGGGGAGCTTGACCAGAGCACCATCGAAACCATGC GGAAGCCACGCTGTGGCAACCTGATGTGGCAACTACAACCTCTTCCCCCGAAAGCCCCAAGTGGGACAA GAACCAGATCACATACAGGATCATTGGCTACACACCTGATCTGGACCCTGAGACAGTGGATGATGCCTTT GCTCGTGCCTTCCAAGTCTGGAGTGATGTAACCTCCGCTGCGGTTTCTCGTATCCACGATGGAGAGCTG ACATCATGATCAACTTTGGCCGCTGGGAGCATGGAGATGGATACCCCTTTGATGGCAAGGACGGGCTCCT GGCTCATGCCTTTGCCCCAGGCCCTGGTGTGGGGGAGACTCTCACTTTGATGACGATGAGCTATGGACC CTGGGAGAAGGACAAGTGGTCCGTGTGAAGTATGGGAATGCCGACGGAGAGTACTGCAAGTTCCCTTCC TGTTCATATGGCAGAGAGTACACCAGCTGCACAGACACTGGCCGCGATGACGGCTTCTCTGGTGCTCCAC CACCTACAACCTTTGAGAAGGATGGCAAATACGGCTTCTGCCCCACGAAGCCCTGTTACCATGGGTGGC AACGCTGACGGACAGCCCTGCAAGTTCCCGTTCCGCTTCCAGGGCACCTCCTACGACAGCTGTACACGG AGGGCCGCGACGGACGGCTACCGCTGGTGTGGGACCACGGAAGACTATGACCGCGACAAGAAGTATGGCTT CTGCCCCGAGACCGCCATGTCCACTATTGGTGGGAAGCTCGGAAGGCGCCCCCTGTGTCTTCCCTTCAAC TTCTTGGGCAACAAGCATGAGAGCTGCACCAGCGCGGGCCGTAGCGACGGGAAGGTGTGGTGGCCACCA CGGCCAACTATGATGATGACCGCAAATGGGGCTTCTGCCCTGACCAAGGGTACAGCTTATTCCTGGTTCG AGCCCACTAGTTTGGCCATGCAATGGGACTGGAGCATTCTGAGACCTTGGAGCCCTGATGGCACCCATT TACACCTACACCAAGAACTTCCGTCTGTCCCAAGACGACATCAAGGGCATTCAAGAGCTCTATGGGGCCT CCCCTGATGCTGGCACGGGCACTGGCCCCACCCCACTCTGGGACCTGTCACTCCTGAGATCTGCAACA AGACATTGTCTTTGATGGCATCTCTCAGATCCGTGGGGAGATCTTCTTCTTCAAGGACCGGTTCAATTTGG CGGACAGTGACACCAAGCAACAAGCCCATGGGGCCCCCTGCTGGTAGCCACATTCTGGCCTGAGCTCCCGG AAAAGATTGATGCTGTGTACGAGCCCCACAGAGGAGAAGGCTGATTCTTTGAGGGAATGAGTACTG GGTGTACTCAGCCAGCACCTTGGAGCGAGGGTACCCCAAGCCGCTGACAGCCTGGGGCTGCCCCCTGAC GTTCAGCGCGTGGATGCTGCCTTTAATTGGAGCAAGAACAAGAAGACCTACATCTTTGCCGAGACAAGT TCTGGAGATACAATGAAGTCAAGAAGAAGATGGATCCTGGCTTCCCCAAGCTCATCGCAGATGCCTGGAA CGCCATCCCGATAACCTGGACGCGCTGGTGGACCTGCAAGGCAAGTGGTATAGCTACTTCTTCAAGGGT GCGTATTACCTGAAGCTGGAGAACCAAGTCTGAAAAGCGTGAATTTGGAAGCATCAAATCCGACTGGC TGGGCTGCTGAGCAGGCTCTGGCTCCCCAGGCCCTGCCCGCCACATTGCCTTCTGCACACCGGGCCCT

GAGCGCCAGGGAAGGACCCGGATGGGCCTGGCAGCCTTCAGCTCTGTAGTTAAATGGGCGTGCTCACCCC  
TACCTGGTAATTTAAGATTCTGGAGAGTGGCTCTGCCCTGTGCCAAGGAACGGTGCTGATTGTACCCCT  
CCCAACTGCCCTCACCCCCCCCAGAGCCACCCCAAGAGATGCCTTGATATTCTCAATGCAGCCCTGC  
CTTGGGCTGCCTTGGTGCTGTACACACTTCAGGCTCTTACCTTGCCACGATTTTCTGTGGCTCACAGCA  
CCCTCGGAGCCAACAGACGGAACTGTCTCAAGAGGGCACTGGTGGCCTGACAGCCCGGCGTGGCATGGG  
GCAGTGGGACAGGGGCGGGATGTGGCCGCCCCACACACCTGGCTTCTACTGCTGGCTGCCTTAGGACC  
TCTCCTACATTAGCAGTTTGGCTTTGTATGCACCTTTGTTCTTTCTTTTCGATGTTTATTTTCCACTTTGT  
GATTGAATTTCTTGACCGAAGGACTCAGGTTGTCTGAAGTCACTCCACGGTGCATCTCAGCCACATAGT  
GA  
>GBCA0221 |Acc|S71529|Ver|S71529.1 GI:562170|R-type pyruvate kinase [dogs, Basenji,  
reticulocytes, mRNA Partial Mutant, 1889 nt, segment 1 of 2].  
TTCCAGCAGCAGCAGCTGTCTAGCTGCTATGGCAGACACCTTCCTGGAGCACCTGTGCCTGCTGGACATCG  
ACTCGGAGCCTGTGGCCGCCCCGAGTACCAGCATCATTGCCACCATCGGGCCAGCCTCTCATTCCGTGGGA  
GCGCCTCAAGGAGATGATCAAGGCCGGGATGAACATTGCGCGCCTCAACTTCTCCCACGGCTCCCATGAG  
TACCATGCTCAGTCCATCGCCAACATCCGGGAGGCCGTGGAGAGCTTTGCAACTTCTCCGCTCGGCTATC  
GCCCGTGGCCATTGGCCTGGACACCAAGGGACCGGAGATACGGACCGGGGTCTGAAGGGGGGCCCTGA  
GACCGAAGTGGAGCTAGTGAAGGGCTCCTGGGTCTGGTGACCGTGGACCCGGCGTTCGGGACGCTGGGG  
GACGCACACACCGTGTGGGTGGACTATCCCAATATCGTCAAGGTCGTGCCGGTGGGAGGCCGATCTTCA  
TAGACGACGGGCTCATCTCCCTGCAGGTCAAGAAAATAGACCGGAAGGGGCTGGAGACCCAAGTGGAGAA  
TGGAGGTCTCCTGGGCGAGCCGGAAGGCGTAAACCTGCCAGGCGCCGAGGTGGACTTGGCGGGGCTGTCT  
GAGCAAGACGCCCAGGACCTACGCTTCGGGGTGGAGCATAATGTGGACATCGTCTTTGCCCTCCTTTGTGA  
GGAAAGCCAGTGATGTGGCTGCCATCCGGGCTGCTCTGGGGCCGGAAGGACGGACCATCAAGATCATTAG  
CAAAATTGAGAACCACGAAGGCGTGAAGAAGTTTGTAGAAATCCTGGAGGTGAGTGACGGCATCATGGTG  
GCACGGGGCGACCTAGGCATCGGATCCCTGCTGAGAAGGTTTTCTGGCCAGAAGATGATGATTGGTC  
GGTGCAACTTGGCGGGCAAGCCTGTCTGTGTCGTCGTCGACACAGATGCTGGAGAGCATGATCACTAAGCCCCG  
GCCAACCCGGGCGAGAGACGAGTGATGTAGCCATGCTGTGCTGGATGGAGCAGATTGCATCATGCTATCA  
GGGGAGACCGCCAAGGGCAAAATTTCTGTGGAGGCTGTAAAGATGCAGCATCGGATTGCCAGGAGGCAG  
AGGCTGCTGTGTACCAACCGGCGAGCTGTTTGGGAAGTGCAGCGGGGCGAGCCACTGAGCCGCGATCCCAC  
GGAGGTCACTGCCATAGCCACGGTGGAGGCGCCTTCAAGTGTGTGCTGCTGCCATCATCGTCTGACC  
AAGACCGGCGGTTTCAGCACAGCTGCTATCTCGGTACCGGCCTCGGGCAGCGGTCAATTGCTGTACCCGCT  
CTGCCCAGGCTGCCCGGCGAGGCCACCTGTGCCGAGGGGCTCTTCCCTTGCTCTACAGTGAACCTCCAGA  
GGCCATCTGGGCGAGACGATGTGGATCGCCGGGTCCAATTTGGCATTGAAAGTGGAAAGCTCCGTGGCTTC  
CTCCGTGTGGGGGACCTGGTGATTGTGGTGACAGGCTGGCGACCTGGCTCTGGCTATACCAACATCATGC  
GAGTGTCTAGCATATCTGTAGATGCCACGCCCCACTGACCCAGCCCCAACCTGGATCCCATGCCCCAGACC  
CCAAGTCCCCCTTGCACTCTCCCTGCTGAGGCTGAGGCTCCATTCTAGGGTGCCCTTCCCTCTCCATTT  
CAGCGAGGACCCCAAGTCTGTTGTCCAGTTAAGCACTGACCATCTGGCAAGTACCAATCTACATTTCCC  
TGCACTCAATGCTCTCAGTGGGCCCTAAGATGCTCTGAGCCCTTAATCCTAGCTTAAGTGGTTAATTCTA  
TGCCCCCTAGGGTTCAATATACCCAGGATGGGTGGGGACAAGGACAGGCATTACAAGCATATGAGATAG  
>GBCA0222 |Acc|AB026988|Ver|AB026988.1 GI:4850327|Canis familiaris mRNA for prostaglandin  
D synthase, complete cds.  
CTCTGCCTGCACTGCTGGCCTCGCGCCCTGGTACACACTCAGCTCCAGGACAATGGGTGCTCTCTGCAC  
GCTGTGGCTGGGGCTGGTCTGTGGGGGTGCTTGGAGCCCTGCAGACGTCCGGCCAGGCCAGGTGTCC  
CTGCAGCCCAACTTCCAACAGGATAAGTTCTTGGGGCGTGGTTACCTCGGGCCTCGCCTCCAATCGA  
GCTGGTTCCGGGAGAAGAAGAACGTGCTGTCCATGTGTATGTGAGTGGTGGCCCCGACCGCAGACGGAGG  
CCTCAACCTCACCTCCACCTTCTCAGGAAAGACCACTGTGAGACTCGAACCCTGCTCCTACGGCCGGCG  
GGAACCCCGGGCTGCTACAGCTACACGAGTCCCCACTGGGGCAGTACCCACGACGTGTGGGTGGTAGCCA  
CCACTACGAGGAGTACGCGCTTCTACACCGCAGGCAAGGCTCGGCCAGGACTTCCACATGGC  
CACTCTCTACAGCCGCAACCCAGACCCCAAGGCGGAGATAAAGGAGAAATTACGACCTTTGCCAAGACC  
CAGGGCTTACAGAGGATGCCATTGTCTTCTGCCACAGACTGATAAATGCATGAGGAGAAACAAGTAGG  
TGACCGCCGCCCCAGGACCTGGCCGTCTGCACTGCTCTGCTCTTCTCTGAGACCCCGAGGACCTGG  
CCCTGGTGCTCCCTGCCCCACCTTGGCCCCCTCAGGCTTCTCTCTGGCTCTGAGAATAAACTCCGGAA  
GCAATCCAAAAA  
>GBCA0223 |Acc|U65989 L29489 L29490|Ver|U65989.2 GI:7534273|Canis familiaris articular  
cartilage aggrecan precursor, mRNA, complete cds.  
ATGACCACCTTACTCTGGGTTTTTGTGACTCTGAGGGTCATCACAGCAGCCAGCTCAGAAGAACTTCAG  
ACCATGACAACTCACTGAGTGTGACATCCCCGAACCGTCCCAATGCGGGTCTCCTGGGGAGCTCCCT  
CACCATCCCCCTGCTACTTCATCGACCCCATGCACCCTGTGACCACCGCCCCCTCCACCGCCCCCTCGCC



CCAAGAATCAAGTGGAGCCGCATTACCAAGGAGAAGGAGGTGGTGTCTGGTAGCCACTGAAGGGCAGG  
TGAGGATCAACAGTGTCTACCAAGACAAAGTCTCGCTACCCAACCTACCCGGCCATCCCCAGCGATGCCAC  
CTTGGAATCCAGAACCCTGCGCTCCAACGACTCTGGGATCTATCGCTGTGAGGTTATGCACGGCATTGAA  
GACAGTGAGGCTACCCCTGGAGGTCGTGGTGAAAGGCATTGTGTTCCATTACAGAGCCATCTCCACGCGCT  
ACACGCTGGACTTTGACAGGGCACAGCGTGCCTGCCTGCAGAACAGTGCCATCATTGCTACACCCGAACA  
GCTGCAGGCCGCTATGAGGACGGCTTTACACAGTGTGACGCCGGCTGGCTGGCCGACCAGACTGTCAGG  
TACCCCATCCACACCCCGAGGGAAGGCTGCTATGGAGACAAGGATGAGTCCAGGCGTGAGGACCTATG  
GCATCCGAGATACCAATGAGACTTATGATGTGTACTGCTTCGCTGAGGAGATGGAGGGTGAGGTCTTGTA  
TGCGACATCTCCGGAGAAGTTACCTTCCAAGAGGCAGCCAACGAGTGCCGGCGGGCTGGGCGCCCGGCTG  
GCCACCACGGGCCAGCTCTACCTGGCCTGGCAGGGCGGCATGGACATGTGACAGTGCCGGCTGGCTGGCTG  
ACCGCAGTGTGCGCTACCCCATCTCCAAGGCCCGGCCAACTGCGGAGGCAACCTCCTAGGCGTGCGGAC  
CGTCTACCTGCACGCCAACCCAGACAGGCTACCCGGACCCCTCATCCCGCTATGACGCCATCTGCTACACA  
GGTGAGACTTTGTGGACATCCCAGAAAACCTTTTGGGGTGAGGTGGTGAGGAGGACATCAGCATCCAGA  
CAGTGACCTGGCCTGATGTGGAGCTGCCCCGCCCCGAAACATTACTGAGGGTGAAGCCCGAGGCAACGT  
GATCCTCACTGTGAACCCATCTTTGACCTCTCTCCCACTGCCCCGAGCCTGAGGAGCCTTTACATTT  
GTCCCGGAGCCCGAGAAGCCCTTCACTTTCCGCCACCGATGTAGGGGTCACTGCTTTCCCTGAGGCCGAGA  
ACAGAACTGGAGAGGCCACAGGCCCTGGGGTGTTCGAGAGGAGTCCACACCTGGCCAGCCTTACCCGC  
CTTACACAGTGAGGACCATGTGCTGCAGGTGACTGCAGTCCCAGGTGCGGCCGAGGTGCCGGGCGAGCCA  
CGATTGCCCCAGGGGGGTTGTGTTCCACTACCGCCAGGCTCCGCCGCTACTCACTGACCTTTGAGGAGG  
CTCAGCAGGCCTGCCTACGCACTGGGGCTGTCTCGCTCTCTGAGCAGTCCAGGCTGCCTATGAAGC  
TGGCTATGAACAATGTGATGCTGTTGGCTGCAGGACAGACTGTGAGATACCCCATTTGTGAGCCACGG  
ACCCCGTGTGTGGGTGACAAGGACAGCAGCCCGGGGTCAGGACCTATGGTGTGCGGCCACCATCAGAAA  
CCTACGATGTCTACTGCTATGTGGACAAGCTTGAGGGGAGGTGTTCTTCATCACAGCCCTGGAGCAGTT  
CACCTTCCAGGAAGCCCTGGCATTCTGCGAATCTCATAACGCCACCCCTGGCCTCCACTGGCCAGCTCTAT  
GCTGCCTGGAGGCAAGGCTGGACAAGTGTATGCCGGTTGGCTATCAGATGGCAGCCTCCGTTACCCCA  
TTGTGACCCCGAGGCCCTCCTGCGGTGGAGACAAGCCAGGCGTGAGAATGTCTACCTCTACCCCAACCA  
GACAGGTCTCCAGACCCGCTGTCCCGGCACCATGTCTTCTGCTTCCGAGGTGTCTCAGGAGTACCCCTCT  
CCAGGAGAAGAGGAAGGTGGCACACCCACCCCTCTGTAGTGGAGGACTGGATCCCTACCCAGGTGGGGC  
CTGTGTGCTTCTGTCCCATGGGGGAGGAGAGCTGCAATCTGGACTTCACCATTGAGCCTGAAAA  
CCAGACGGAATGGGAACAGCCTACAGCCAGCAGGCACTTCCCACTGCCAGGGATCCCTCCAACATGG  
CCTCCACAGCACAGCAACAGAGGAGAGCACAGAAGGCCCTTCTGGAACGGAAGTGCCCTCAGTCTCAG  
AGGAGCCATCCCCCTCAGAGGAGCCATTCCCCTGGGAGGAGTTGTCCACACTTTCACCCCGAGGCCAG  
TGGGACTGAGCTGCCAGGCTCTGGGGAGGCATCTGGGGTACCTGAAGTCACTGGTGACTTCACAGGCAGT  
GGAGAAGTTTCGGGACATCCAGACTCCAGTGGGCAACTCTCAGGGGAAAGTGCAAGTGGACTGCCCTCTG  
AAGATCTTGGCTGACTGCTTACCTCTGCTGTGCTGAGGAGTGGACTGGCCTCAGGGGATGAGATAGAAT  
TACATTGTCCAGCATTCCTAAAGTAGAAGGTGAGGGCTAGAGACCTCTGCCTCTGGAGTCGAGGACCTC  
AGCGGGCTGCCTTCTGGAAGAGAAGGTCTAGAGACTTCTACCTCTGAGTCCGGGATCTCAGTGGGTTGC  
CTTCTGGAGAAGGTCTAGAAGTCTCTGCCTCTGGAGTTGAGGACCTCAGTGGGTTGCCCTCTGGAGAGGG  
TCCAGAAACATCTACCTCTGGAGTTGGGGACCTCAGCAGGCTGCCTTCTGGAGAAGGTCCAGAAGTCTCT  
GCCTCTGGAGTAGGAGACCTCAGTGGACTTCTTCTGGAAGAGAAGGTCTAGAGACCTCTACCTCTGGTG  
TAGAGGACCTCAGTGGGTTGCCTTCTGGAGAAGGTCCAGAAGCCTCCACCTCTGGAGTTGGGGATCTCAG  
CAGGCTGCCTTCTGGAGAAGGTCCAGAAGTCTCTGCCTCTGGAGTAGAGGACCTCAGTGGATTACCTTCT  
GGAGAGGGTCTAGAAGCTTCTGCCTCTGGAGTTGGGGACCTCAGTGGGTTGCCTTCTGGAGAAGGTCCAG  
AAGCCTCTGCCTCTGGAGTCGGGGATCTCAGCAGGCTGCCTTCTGGAGAAGGTCCAGAAGTCTCTGCCTC  
TGAGTAGAGGACCTCAGTGGATTATCTTCTGGAGAGAGTCCAGAAGCTTCTGCCTCTGGAGTTGGGGAC  
CTTAGTGGGTTGCCCTTCTGGAAGAGAAGGTCTAGAGACCTCTGCCTCTGGTGTAGGGGACCTCAGTGGGT  
TGCCTTCCGGAGAAGGTGAGGAAGCCTCTGCCTCTGGAGTAGAAGACCTCAGCAGATTGCCTTCTGGAGA  
AGGTCCAGAAGCTTCTGCCTCTGGAGTAGGGGAGCTCAGCGGGTTGCCCTTCTGGAAGAGAAGGTCTAGAG  
ACCTCTGCCTCTGGTGTAGGGGACCTCAGTGGGTTGCCCTTCTGGAGAAGGTCCAGAAGCCTTTCCTCTG  
GAGTAGAGGACCTCAGCATATTACCTTCTGGAGAAGGTCCAGAAGCCTCTGCCTCTGGAGTAGGGGACCT  
CAGCGGGTTGCCCTTCTGGAGAGAAGGTCTAGAGACCTTACCTCTGGAGTAGGGGACCTCAGCGGGTTG  
CCTTCTGGGAGAGAAGGTCTAGAGACCTTACCTCTGGTGTAGGGGACCTCAGCGGGTTGCCCTTCTGGAG  
AAGGTCCGGAAGCCTCTGCCTCTGGTATAGGGGACATCAGTGGGTTGCCCTTCTGGAAGAGAAGGTCTAGA  
GACCTTCTCTCTGGAGTAGAGGATCATCCAGAGACTTCTGCCTCTGGAGTAGAGGACCTCAGTGGATTG  
CCTTCTGGAGTAGAGGATCCAGAGACTTCTGCTTCTGGAGTAGAGGATCTCAGTGACCTTTCTCTG  
GAGGAGAGGGTCTAGAGACCTCTGCTTCTGGAGCTGAGGATCTCAGTGGGTTTCCCTCTGGAAGAGA  
CTTGATTGGGTGACCTTCTGGAGCCTTGGACTTTGGCAGAATACCTTCTGGAACCTCTGGGAAGTGGCCAA

GCTCCAGAAGCAAGTAGCCTCCCCTCTGGATTTAGTGGTGAGTATTACAGGGGTGGACTTTGGGAGTGGCC  
CCATCTCTGGCCTACCTGACTTTAGTGGACTTCCCTCTGGATTCCCAACTATCTCCCTCGTGGATACCAC  
ATTGGTGGAAGTGATCACAAACCACCTCTGCAAGTGAAGTGGAGGGAGGGGAACTATTGGCATCAGTGGT  
GCTGGAGAAACATCTGGGCTGCCCCGTCAGCGAGCTGGACATTAGTGGGGCAGTTAGTGGACTCCCTTCAG  
GAGCTGAACCTCAGCGGCCAAGCATCTGGGTCTCCTGATATGAGTGGGGAAACATCTGGGTCTTTTGGTGT  
CAGTGGACAGCCATCAGGGTTCCTGACATCAGTGGGGGTACATCTGGGCTTTTGGGTTCAGTGGGAC  
CCATCAGGGTTTTCTGGGGAAACATCTGGAGTGACTGAGCTTAGTGGACTGTACTCTGGACAACCAGATG  
TCAGTGGAGAAGCCTCTGGAGTTCCTTCTGGCAGTGGTCAACCATTGGCATGACTGACCTGAGTGGAGA  
AACATCTGGGGTCCCTGATATCAGCGGGCAGCCATCGGGGCTGCCAGAGTTCAGTGGGACAACCTCTGGA  
ATCCCTGACCTGGTTCTAGTACCATGAGTGGCAGTGGTGAATCTTCTGGCATTACGTTTGTGGACACCA  
GTTTGGTCTGAAGTGACCCCAACTACATTTAAAGAAAAAAACGTTTAGGGTCTGTGGAACTCAGTGGACT  
CCCTTCAGGGGAGGTGGATCTCTCGGGCGCATCTGGGACAATGGATATCAGTGGACAATCTTCTGGAGCA  
ACTGACTCCAGTGGGTGACATCCCACCTTCCAAAATTAGTGGCCTGCCAAGTGGAGCTGCTGAGGTCA  
GTGGAGAATCCTCTGGAGCAGAAGTTGGGAGCAGCCTGCCCTCAGGAACCTATGAAGGTAGTGGGAATTT  
CCATCCAGCTTTCCCCACTGTATTTCTTGTAGACAGAACTTTGGTGGAACTCTGTAACCCAGGCTCCGACA  
GCCCCAAGAAGCAGGAGAAGGGCCTTCAGGCATTTTGGAACTCAGTGGTGGCCATTTCTGGAGCACCAGACG  
TGTCTGGAGACCATTCAGGATCTTTGGACCTAAGTGGGATGAGTCCGGGCTGGTGGAGCCAGTGGAGA  
GCCATCAAGTACTCCATATTTAGTGGGGACTTTTCTGGCACCATGGATGTCTACTGGAGAACCTCTTACA  
GCCATGAGCGCCTGAGGGAAGCCTCAGGACTTTTAGAAGTGACTTTAATCACTTCCGAGTTTGTGGAGG  
GTGTCACTGAACCAACTGTTTCCAGGAACCTGCCCCAAGACCCCTGTGACACACACCCCTCAGCTTTT  
TGAGTCCAGTGGAGAGCCTCTGCATCCGGGGAAATTAGTGGAGCTACACCAGCGTTCCTCCGGGTCTGGG  
CTGGAAGCGTCATCAGTCCAGAATCTAGCAGCGAGACATCTGACTTTCTGAGCGTGCAGTGGGGGTGT  
CTGTGCCCCCTGAGGCGAGTGGAGGAGCTTCTGGTGCCCCCTGATGTAAGCGAAGCCACCTCCACCTTCCC  
TGAAGCCGATGTGGAGGAGCCTCAGGCTTGGGAGTGAAGTGGTGGCACCTCAGCCTTCTCTGAAGCCCC  
AGGGAGGGCTCAGCCACCCAGAACTCCAGGAGGAGCAACCACATCCTATGATGTGGGCCGAGAGGCGT  
TGGGCTGGCCTTCAGCCACTCCAACAGCATCTGGAGACAGGATTGAAGTCAGTGGAGACCTGTCTGGTCA  
CACCTCGGGGCTGGATGTTGTCATCAGCACTAGCGTCCCAGAGTCTGAGTGGATCCAGCAGACCCGCG  
CCTGCAGAGGCGCATTTAGAAATCGAGGCCCTCAAGCCCCCTTGCACTCAGGAGAGGAGACCCAAACAGCCG  
AGACAGCCACCTCCCTACAGATGATGCTTCCATCCCAACTTCTCCATCAGGGACAGATGAGTCAGCACC  
AGCCATTCCAGACATTGACGAGTGCCTCTCAAGTCTTGTGTAATGGAGCCACCTGCGTGGACGCCATC  
GACTCTTTTACATGCTTATGCTTCCAGCTACCGAGGGGACCTGTGTGAGATCGACCAGGAGCTGTGTG  
AGGAGGGCTGGACCAAGTTCAGGGCCACTGTTACCGCTACTTCCCCGACCGTGAGAGCTGGGTGGATGC  
GGAGAGCCGGTGTGGGCGACAACAGTCACACCTGAGCAGCATTTGTACCCCTGAGGAACAGGAGTTTGTG  
AACAAACATGCCCAAGACTACCACTGGATTGGCCTGAATGACAGGACCATCGAAGGGGACTTCCGCTGGT  
CAGATGGAGACCTCTTCAATTTGAGAACTGGCGCCCAACCAGCCGACAACTTCTTTTGCAGCGGAGA  
GGACTGTGTGGTGTATCTGGCACGAGAAGGGAGAGTGGAAATGACGTGCCTTGAATTACTACCTGCCC  
TTCACGTGTAAAAAGGGCAGAGTGGCCTGCGGAGACCCCTGTGGTGGAAACACGCCAGGACCTTCGGCC  
AGAAGAAGGACCGCTACGAGATCAACTCGTTGGTACGGTACAGTGCAGTGAAGGTTTCGTCAGCGGCA  
TGTGCCGACCATCCGGTGCCAGCCTAGCGGCCACTGGGAAAAACCTCGCATCACCTGCACAGACCCCTCC  
ACTTACAAGCGCAGACTACAGAAGCGGAGCTCACGGGCCCCACGGAGGAGCCGCCCCAGCACAGCCCACT  
GAGAGGAGCTTCCAGGACGCACCCAGGATGCTGAGCCCAAGGAGCCCGCCAGGCTGACATCCACATGGA  
TGGTGTCTCTTCTTGGCGCTTCTGTCTATATAA  
>GBCA0224 |Acc|AB039881|Ver|AB039881.1 GI:7288115|Canis familiaris mRNA for cytochrome  
P450c21, complete cds.  
TGGATGGTGGGGCCGAGGAGCTATAAGTGGCCCCGCCAGGGCCCTTGACAGGGTCTCTGGCCATGCTAC  
TCCTCGGGGTGCTGCTGCTGACTGTGCTGGCTGGTGGCCGCTGCTGTGGGGCAAGTGAAGCTCAGGGG  
TCTGCACTCCACCTCTGTCCCTGGCTGGCTGACCTGCTGCAGCCGACCTTCCCTCCACCTGCTG  
GGTTTGACGCAGAACTGGGGCCCATCTACAGGCTCCGCTGGGGCTGCAAGATGTGGAGGTGCTGAATT  
CTAAGAGGACCATCGAGGAAGCCATGGTCAAGAAATGGGTGGACTTCGCGGCGAGACCGCAGACGCCATC  
CTACAAGCTGGTGTCTCTGCACCACCAGGACCTGTCCCTGGGGGACTACTCCCTGCTGTGGAAGGCTCAC  
AAGAACTCACCCTCAGCCCTGCTGCTGGGCATCCGAGCTCCATGGAGCCGCTGGTGGAGCAGCTGA  
CCCAGGAGTTCTGTGAGCGCATGAGAGCCAGGCTGGCACCCCTGTGGCCATCCAGAAGGAATCTCTTT  
GCTCACCTGCGCCATCATCTGTACCTCACCTTCGGAACAAGGAGGACACCTTAGTACATACCTTTTCAT  
GACTGTGTTCAAGACCTGATGAGAACCTGGGAGCACTGGTCCATCCAAATGTTGGACATCATTCCTTTT  
TCAGGTTTTTTTCCCAACCCAGGCTCTGGAGGCTGAAGCAGGCTTGGAGAACCAGGACCATCGTAGA  
GAAGCAGCTGAGGACGACAAAGGAGAGCATGGTGGCAGGCCAGTGGAGGGACATGACCGACTACATGCTC  
CAGAGGTTGGGGAGGCTGAGAGCAGAAGAGGGCTGTGGACAGCTCCTGAAGGACACGTGCACATGTCCG

TGGTGGACCTTTTCATTGGCGGCACCGAGACCACGGCCACCACCCTCTCCTGGGCGGTGGCGTTCTTGCT  
TCACCACCCTGAGATTACAGCAGCGACTGCAGGAAGAGCTGGATCGGGAGCTGGGTCTTGAGCTTCAGGC  
TCCCGAATCCCGTACAGAGACCCACACGCTGCCCTGCTCAGCGCCACCCTTGCCGAGGTGCTGCGCC  
TGCGGCCCGTCTGTCGCCCTGGCCCTGCCGACTGCACCACGCGGCCAACAGTATCTCGGGCTACGACAT  
CCCCGAGGGCATGGTTGTCATACCAACCTGCAAGGCGCCACTTAGACGAGACGGTCTGGGAGCGGCCA  
CAGGAGTTCCGGCCCGATCGCTTCTGGTCCCCGGCGCCAGCCCCAGAGTGTGGCTTCGGCTGCGGGG  
CGCGTGTGTGCTGGGGGAGCCGCTGGCACGCCCTTGAGCTCCTGGTGGTGTGGCGCAGCTGCTCCGGG  
CTTCAGCTGATGCGCGCTGCGGGCACCTGCCCTCTCTGCGACCCCGGGCCCGCTGCGGCGTCAACCTC  
AGCATGCAGCCTTTCCAGGTGCAGCTGCAGCCCCGGGGGGCAGGAGTCTGGGACGTGGCCAGCACCCAT  
GACAGGCAGGACACACGAGCGCTGTGTGCTTCAGTTTCTCCTTTTATTTCTCCCGTACAAACCCCGTCCC  
TCCCCCTGTAAACATGGTGTGTGAGATCGCAGATGGAGAAGGCTCCCTCCTCCGGTGGCTGGATAGTG  
AGGGTGGCCCCCTGGCTCTTCTCTCAGCGCGACCCCTCAGTGTCTGGCAGTCATACTGGGGCGCCGAGAT  
GTGAGCTGTGGTTCAGCTCCCTGGGCTGCTGGGGGCCGGTAGCTTCTTGGTCTGAGCTTCATTTCCGTGA  
AGGGCAGAGAACTCGAAACCCCTTCAGTAGTACCAGCTCACCCTTGGGAAAGGATTGTTGAGACAGA  
GTCAGAGCCAGACAGACGTCCCATCTGCTCCCCAGCCTACACCCTGCACCCCGGCATCTGGGGAGATGGT  
TCCAGAAATCAATCACCTCCCCCGCACCCACTTCATGATCCTCAACNGCAAAGGCCGAGGCTTAGT  
TTAAGCTGGCCCTTTACATCCAATAAATCGTACTCATGTCTCCCTCG  
>GBCA0225 |Acc|AF233687|Ver|AF233687.1 GI:7331161|Canis familiaris relaxin mRNA, complete  
cds.  
ATGCTGCGCTGGTTCTTGTCCACCTGCTAGGTGTCTGGCTGCTACTAAGCCAACCTTCCCAGAGAGATCC  
CAGCCACGGATGACAAGAACTTAAGGCATGTGGTCTGATTATGTCGCGCTACAGATTGAGGTCTGCGG  
CTCCATCTGGTGGGGAGAAAGGCTGGCCAGCTGCGGGAACGTCGGCAGATATCCGAACCCCTGGCAGAA  
GTTGTGCCATCTCCATCAATGATCCAGAAATCTTAAGTTTGATGTTGCAATCCATTCCCGGTATGC  
CACAGGAAGTGAAGATAGCAACACGGTCTGGGAAGGAGAAGTTATTAAGAGAGCTACACTTTGTACTGGA  
AGATTCCAATCTTAACCTTGAAGAAATGAAGAAAACCTTTCTTAACACACAATTTGAAGCTGAAGACAAA  
AGCCTTTCAAATTAGATAAACAATCCCCGAAAAAGAGAGATAACTACATAAAAATGAGTGATAAATGTT  
GTAATGTAGGTTGTACCCAGAAGAGAGCTTGCTAGCCGATGCTGA  
>GBCA0226 |Acc|L02897|Ver|L02897.1 GI:164035|Dog nonerythroid beta-spectrin mRNA, 3' end.  
CCCTGGTGGCTGACAGTCATCCTGAAAGTGAGCGCATCAGCATGCGGCAGTCCAAAGTGACAAAGCTGTA  
CGCCGGCCTGAAGGACCTTGCTGAGGAGCGGAGAGGCAAGCTGGACGAGAGGCACAGGCTCTTCCAGCTC  
AACCAGGAGGTGGATGACCTGGAGCAGTGGATCGCCGAGAGGGAGGTGGTTCGAGGGTTCGACAGAGCTGG  
GACAGGACTACGAGCAGCTCAGATGTTACAAGAACGATTCGCGGAATTTGCCCGAGACACAGGGAACAT  
TGGGCAAGAGCGCGTGGACACGGTCAATCACATGGCAGATGAACCTCATCAACTCTGGACATTGAGATGCC  
GCCACCATGCTGAGTGAAGGATGGGCTCAACGAAGCCTGGGCTGACCTCCTAGAGCTCATTGACACAA  
GAACACAGATTCTCGTGCCTCCTATGAACTGCACAAGTTTACCACGATGCCAAGGAGATCTTTGGCGG  
CATACGGGACAAACACAAGAACTGCCCCGAGGAGCTTGGGAGAGATCAGAACACAGTGGAGACCTTGCAG  
AGAATGCACACTACATTTGAGCATGACATCCAGGCTCTGGGCACTCAGGTGAGGCAGCTACAGGAGGACG  
CAGCCCGTCTCCAGGCAGCCTATGCGGGTGACAAGGCTGATGACATCCAGAAGCGGGAGAACGAGGTCTT  
GGAAGCCTGGAAGCCCTGCTGGATGCCTGTGAGGGCCGAGGGTGCAGGCTGGTGGACACGGGGGACAAG  
TTCCGCTTCTTTCAGCATGGTGCAGACCTCATGCTGTGGATGGAGGATGTCATCCGGCAGATCGAAGCCC  
AGGAGAAGCCAAGGGATGTATCATCTGTGAACTATTAATGAATAATCACCAAGGCATCAAAGCTGAGAT  
CGATTCTCGTAATGACAGTTTCAACACCTGCATTGAACTTGGGAAATCCCTGCTGGCGAGAAAGCACTAT  
GCGTCTGAGGAGATCAAGGAAAACCTTACTGCAGTTGACGGAAGAGAGAAAAGAAATGATTGACAAGTGGG  
AAGACCGATGGGAATGGTTAAGACTGATTTTGGAGGTCCACCAGTTCTCACGGGACGCCAGTGTGGCTGA  
GGCCTGGCTGCTCGGGCAGGAGCCATACCTATCCAGCCGAGAAATAGGCCAGAGTGTGGACGAGGTGGAG  
AAGCTCATCAAGCGCCACGAGGCTTTTGAAAAATCTGCAGCCACCTGGGACGAGAGGTCTCCGCCCTGG  
AGAGGCTGACAACTTGGACTTATTGGAAGTGCAGACAGCAAGAGGAAGAGGAGAGGAAGAGGAGGAGG  
GCCCTCTCCCGAGCCGAGCACGAAAGCTTCTGAGGATACTGAGTCCCAGCAGCAGTGGGATACTTCAAAA  
GGAGAGCAAGTTTCCAGAACGGTTTGCAGGCTGAACAGGGATCTCCACGGATGGCAGAAACGGTGGACA  
CAGGTGAAATGGTCAACGGCGCCGCGGAACAGAGAACAAGCTCAAAGGAGTCCAGCCCCATCCCCCTCCC  
GACCTCGGACCGCAAGCAAGACTGCCTCCAGCCAGAGTGTGCCACCTTGCAGGCGGAGAACCCAG  
GAGACCCCTTCGGCCAGATGGAAGGCTTCTGAATCGGAAGCAGAGTGGGAGGCTCACAACAAGAAAG  
CCTCAAGCAGGTCTGGCACAATGTTTATTGTGTATTAATAACCAAGAAATGGGTTTCTACAAGATGC  
AAAGACGGCTGCCCTTGAATCCCTACACAGCGAGGTCCCTGTGAGTTTGAAGAAGCCATCTGTGAA  
GTGGCCCTTGATTACAAGAAGAAGAACACGTGTTCAAGCTGAGATTAAATGATGGCAATGAGTACCTCT  
TCCAAGCCAAAGATGATGAGGAAATGAACACATGGATCCAGGCCATCTCCTCCGCCATCTCCTCTGATAA  
ACACGAGGTGTCCGCCAGCACCCAGAGCACGCCAGCATCCAGCCGGGCACAGACCTTGCCACCAGCGTC

GTCACCATCACCAGCGAGTCTAGCCCCGGCAAGCGGGAGAAGGACAAAGAGAAAGACAAGGAGAAGCGGT  
TCAGCATTTTTGGCAAAAAGAGTGAACCTCCTTTTCTTTACCTCCTGCCCTTCTCTTACCTTTTTCAGTGA  
AACTCCAGCATGCAAGCTCAGAACCAACACATTACTCTGTGCCATAATGTTCTTCAATGTGGTTGATTT  
TTTTTTTTTTAATTTATAGAGCATTTTTTGGGGGGTGGGTGGGGGAAATACACCTAAACACTTTATCTCC  
AAGTTACAAAAGTTTGAGGTGCAGAGGGAAGACCAGATTTTTTTTAAATGAAATTATATAGATTAGATCTC  
AATATTTAAACTGTTCTCAATTTTGTGAGGCTGCGTTGGAAATAACCCGCCCTAGTGCTGTTGGTATG  
CAAGGCAGCGGTGCTTAAACAATATTTCTGTGCTACCCAGAGACAAAATGTACCAATTTTCTGACACC  
ATTCTCTTCCATTTATTTCCAGTGGTTACCTTGAGTCTTGACTATTAGAAGTGCCACGACGGGTCTAAC  
CTTGATTAAACAGATCGTGTATTATGATCTCGCTGCAGCGACAGTGCAGCTCCATGTTCAATCTACAGAC  
CAAACCGTTTGTATCTGGCATCATTACTAACACATGCCCTGCGGCTTTTTCTGCGTCACCTGCAAGGAC  
AGTTGAGAAATGTCGGTATACCGGTATAAGAGAAGGAATAGAAAATTGATACTGTTTTAAATAATCTGTAA  
TTTTAGTTTTTTTTTTTTTTTTTGTGTAATAACATTATATTGTATGTTTGAGATAATTCTAGTACAAAGT  
ATAATAAACTAGATGTATAATAAACCTTTAAATCATTTGGTAAGTGTACAAGTGGAAGTGAAGCATTTA  
CTGGACAAAGTCATGTTACTCTAATGGTTACTTGTCTGCTGCGTTGCCACACTGTGTATAATTTGCTTCA  
TTACCTTGCTCTTTGATACATAGTGTGCATTTCTTTGTCACTGTAACGATTGTAATGACAAAATTTTCAT  
CTTACTGCACAATCAAAATGGCATTGATAGGAATGAACCTCAGAGGGCCGGGCTGAGCCGAGAGGTGGTC  
GCTCCGGCCTGGCGCTCAGTCGTCTGACCTGTACCTCTCACTTTTGCCTGTTAAATATATGCTATGTC  
ATTAAATGCTTTTAAATCT

>GBCA0227 |Acc|AF239824|Ver|AF239824.1 GI:7271908|Canis familiaris GTP-binding protein  
Mx2 mRNA, complete cds.

CCACGAGGTTGCAGAGAGCTCGCCGAGAAGACTTGGAGGTGCTGAGCAAGGGGGAGCGCTCCACCCGGCT  
CGGACTACGTGACCACATGCTAAGGCCACGGTTCTCGGCCATATCGGAGGCACAATGTGGTTATTC  
CCCGACAGCAACCAGAAAAGAAATGAATTTTGTCCAGCAGCAGCCCGCCCATCTGACCGGGCAGCAAG  
GCAAAATGATGTATCCCCAAAATGTCAGGTGGGAGTGCAGGATCCGGTTTATCTCGCCAAGGAGTTCAAT  
TTGCTGACACTGAACCCCCAGCAACTAGAAGGAAGCAGGCACCAACAGATGGCAAAGGGCCCCGAGAAGA  
GCCTGTACAGCCAGTATGAGCAGAAGGTGCGCCCCCTGCATCGACCTCGTTGACTCCCTGCGGGCGCTGGG  
CGTGGAGCAGGACCTGGCCCTGCGGCCATCGCCGTATCGGGGACCAGAGCTCGGGCAAGAGCTCCGTG  
CTGGAGGCGCTGTGCGGGGTGCGCCCTCCCCAGGGGACGCGGAATCGTGACCCGGTGCCCGCTGGTGCTGA  
AGCTGAAGAGGGATCCGCACAAGGCGTGGAGGGGGAGGATCAGCTACCGCAAGACGGAGCTGCAGTTCCA  
GGACCCCTCCAGGTGGAGAAGGAGATCCGCCAAGCTCAGAACATCATAGCTGGGCAGGGACTTGGCATC  
AGCCATGAGCTCATGCTTTGAGATCACCTCCCCTGAGGTCCCGATCTGACCCCTATTGACCTCCCG  
GCATCACCAGGGTGGCTGTGGAAATCAGCCCCAGGACATCGGAGTGCAGATCAAGGCATCATCAAGAA  
TTACATCCAGAAGCAAGAGACGATCAACCTGGTGGTGGTCCCTGCAACGTGGACATTGCCACCACGGAG  
GGCTGAGCATGGCTCAGGAGGTGGACCCCAATGGAGACAGGACCATAGGAGTCTGACCAAAACAGATC  
TAGTGGACAGGGGACCCGAAAGAACCGTGGTGAACCTGGCGCAGAACCTCACATACCATCTCCAGAGGG  
CTACATGATAGTGAAGTGCCGGGGCCAGGAGGAGATCACAACCAGCTGAGTCTGGCCGAGGCAACCGAG  
AAGGAAAGGATGTTCTTCCAAACACATCCGTATTTTCAGAGCTCTCTGGAGGAAGGAAAGGCCACGGTGC  
CCTGCTGGCGGAAAGACTTACCAAGGAGCTCATCTTGACATCAATAAATCGCTCCCGTTGTTAGAAAA  
GCAAATAAGGAGAGCCACCAGAGGGCGACAGCAGAGCTGCACCAGTGTGGAGACAGCATCCCCAGCAAT  
GAAGCCGATAAGATGTTCTTTTGTATCGAGAAAATCAAGTTGTTTAAATCAGGACATTGACAAGCTAATAG  
AGGGAGAAGAAATCGTAAAGAAGAATGAGACTCGCTTATACAACAAAATCCGGGAGGAGTTTGAACACTG  
GGCGCTCGTGCTCAGCGCCAATACCCAAAAGTTAAAAATATCGTTTCTGAAGAAGTCTCAGTATACGAA  
AAGCAGTATCGCGGCAAGAACTTCTTGATTGTTGTAACCTACAAGACATTTGAGACCATAGTGCACCAAT  
ACATCGAACAGCTGGTGGAGCCCGCTCACCATGCTCCGGAAGACTATTGAAATTGTCTGGCAAGCTTT  
CACCGACACAGCCAAGAAACATTTTAGCGTATTTTCCAACCTCAGTCAAACAATCCAGAACAGATTGAA  
GACATAAAAACGAGGCAGGCAGAAACCGCAGAAAATCTGATCCGACTTCAGTTTCAAGATGGAGCAGCTGG  
TTTACTGTCAAGACCAGATTTACAGCGTGGTTCTGAGGAAGGTCCGGAGGAGGTTTTCAACCCAGCGGG  
AAAGGCTGCGCAGGATCTTCAGTTGAAATTTCTTTCCCGAAAGATCTGCCTTCGATGTCATCCAATGAT  
GAGATCGGGGTGCACCTGAATGCGTATTTCTTGGAAACAGCAACGCCCTGCCAACCAGATCCCATTC  
TAATTCAGTATTTTGTGCTCAGAGAAACGGCAGTTGCTTGCAAGAACCATGATGCAGATACTACAGGA  
GAGAGAGCAGTACTCTGGCTGCTTCAGGAGCAGCGGACACCTCTGCCAAGAGGAGATTCTCAAGGAG  
AAAATTTACCGGCTGGCTCAGCGCGGCGCACTCTACATGTTCTCAGTTAAAGGGGGCAGGTCCATG  
GAGGGGCAGCAATGCTTTGGGGGGGGCGGTTTCTTATGTGCTTCCCTGTGAAGGGGACAAGAAGTGGCT  
TTTCATGTGGAACAGGCTTTCTGCTCTCGCCGGTGTCCATTTTCATTGTACTGTGCTCAGCACCAGAG  
TTTGTATCTGAAGTCCGCACTCACTTGGGGCTGTCACTCTGACCTCCCCGAAGAGGTGGCTCTGAGTCC  
TTGAGCCTTCTCAAATCTGCTCTCATTTTGTAGATTGTAGACCCCAAGAGGGGTGGGGAGTCAGGA  
TCCTACTGTTCTTTGGCATTTCAGGATCTTGATGCGACCTGGTACACAGGAGCCCCCTTAATAAATGGT

ATCTCGCTGAACAAATGAATGATGGAGACGGGCGCTATGGCTTAAATTCAGACTTTGGAGGTATGAGGCA  
 GTGTACCTGCTTCCACTGTTGACTGTCATCGTGTTCAGCCCCCAGGAGAAATGAGCCTGAGTGATA  
 CCGGTTTTTAATGTGTACCGTTCCCTGGCTGCAGGGAGCTCCCATTTGCTATGTTAAGTCTTGAAGAGACG  
 TTTAATAAGGAAGAACATTTTTTTTTTTTAAATGGGCACCTGGCTGCAGTTGGTGAAGCATCTATCTTTG  
 GCTCAGGTATGATCCTGGGGTCCCTGGGATCGAGTCCCTGCATCAAGCTCCCTGCTCAGTGGGGAGTCTGC  
 TTCTCCTTCTGCTGCTGCTCCCCCTACTTGTGCTCTCTCTCTCTCAAATAAAATAAAATCATTAATAAA  
 AAAACAAACAAATAAAATGATGAGCT  
 >GBCA0228 |Acc|AF239823|Ver|AF239823.1 GI:7271906|Canis familiaris GTP-binding protein  
 Mx1 mRNA, complete cds.  
 CACGAGTGGTCACCGGGCGTGAGAGAACGGCTCTGTGATTTCAGTCCAGCTAGTCAGCGCTACGTCGTCAA  
 GTTAAAGGAAGTTGTGTTGGAGGCTGCATTGATAAAGGAAGAAGATGGTTAATTCAACAAGGAAAAATCA  
 CTGACTCGAATCCTGTACCCAATCATGTGTTACTAAACGGACTTACTGATAAGGCAGAGAAAAATCAGGG  
 AATAGGGAACAGCCTGTGTAGCCAATATGAGGAGAAGGTACGCCCATGCATCGACCTCATCGACTCCTTG  
 CGGGCGCTGGGTGTGGAGCAGGACCTGGCCCTGCCGGCCATTGCTGTCTATTGGGGACCAGAGCTCGGGCA  
 AGAGCTCTGTGCTGGAGGCTCTGTCAGGAGTTGCCCTTCCAAGAGGCAGTGGTATTGTTACAAGATGTCC  
 TCTGGTCTGAAGCTGAAGAAGCTCATAAATGAGGATGAGTGGAGAGGCAAAGTCAGTTACCAGGATACT  
 GAGATGGAGATTTTCAGACCCCTTCAGAGGTGGAAGTGGAAATCAATAAAGCCAGGATGCCATTGCCGGGG  
 AAGGACAGGGGATCAGTCATGAGCTAATCAGCCTGGAGGTGAGCTCTCTCTCATGTCCCGGATCTGACCCCT  
 GATAGACCTCCCTGGCATCACAGGGTGGCTGTGGGCAATCAGCCAGCTGACATCGGACGCCAGCCAAG  
 CAACTCATTAGGAAGTACATCCTTAAGCAGGAGACGATCAACTTGGTGGTGGTCCCCTGCAACGTGGACA  
 TTGCCACCACGGAGGCACTGAGCATGGCTCAGGAGGTGGACCCTGATGGAGACAGGACCATAGGAATCTT  
 GACAAAGCCTGACCTGGTGGACAGAGGGACTGAAGGCAAGTGGTGGACGTGGCACAAAACCTCGTCTGT  
 CACCTGAAGAAGGGCTACATGATCGTCAAGTGCCGGGGCCAGCAGGACATCCAGGACCAAGTGAAGCCTGG  
 CCGAGGCTCTGCAGAAGGAGAAAGACTTCTTTGAGGACCACCCACATTTTCAGGGTTCTTCTGGAGGAAGG  
 AAGGGCCACAGTCCCCAACCTGGCGGAGAAACTGACCTCTGAGCTCATCACGCACATCTGTAAAACCCCTG  
 CCTCTGTGTAGAAAATCAGATAAAGGAGAATCATGAGAAAATAACAGAGGAGTTACAAAAGTACGGCTCAG  
 ATGTGCCCGAGAGCAGACAGAGAAAATGTTTTTCTGATAGATAAACTGAATGCCTTTAACCAAGACAT  
 CAGCTCCTTAATCCAAGGGGAGGAGTCCGTGGGGGAGGACGAGAGCCGGCTGTTTACCACAAATCCGAAAT  
 GAGTTCCACAAATGGAGCGCTGTGATTGAAAAGAAGTTCCAAAGAGGTTACAAAGCTATATATAAACAAA  
 TGGAGAAATTTGAAAATCGGTATCGTGGCAGAGAGCTGCCAGGATTTGTAAATTACAAGACGTTTCGAAAT  
 TATTATAAAACAAACAAATCAAAGAAGTGGAAAGAGCCAGCTGTTGATATGCTGCACACGATAACTGATATG  
 GTCCAGGTTGCCTTCGGAGATATTTCAAAGCAAATTTTGATGAATTTTCAACCTCTACAGAACTACCA  
 AGTCCAAAATCGAAGACATTAATTCGAGCTAGAGAAAGAGCTGAGAAGTCCATCCGACTTCACTTCCA  
 AATGGAGCAGATCGTCTACTGCCAGGACCACGTCTATCAGCGGGCCCTGCAGAGGGTCAGGGAGAAGGAT  
 TCGGACGAGGAGAAGAAAGAACAGCAGCAGCATGAGCCATGACAGGTTTCTTCCGTCAACATCTCCT  
 TGTCTGAAATCTTGGAGCACCTGTTGGCCTACCGCCAGGAGGCCACCAACCGCATCTCCAGCCACATCCC  
 CTTGATCATCCAGTACTTTCATCCTGCAAGTGTACGGCCAGAAGCTGCAGAACGGCATGCTGCAGCTGCTC  
 CAGGACAAGGACACCTACAGCTGGCTCCTGAAGGAGCGCAGTGACACCAGCGACAAGAGGAAGTTCTCTGA  
 AGGAGCGGCTGGCGCGGCTGGCCAGGCTCGGCCCGCTTAGCCAAATTCCTTGGTTAAGGCCGGCTCCC  
 TGTCCCCTGCTCATCTCCAGGGCACGTCTGCAGGGAGCAGCACCCGCCCTCTCTCCCCAAACCCACATCG  
 CAGATACTCGAGGAGTTAGTAGCCAGTCTTCCCGGTACCATCCATGCTTGTCCCTGAGTGGGCAAGGAC  
 CTCCTAAGAAGACGACAGGTATGATTAAAGATCGAGACTTAGGGATTGAGTCCCACGTCGGGCTCCCTGCA  
 CGGAGCCTGCTTCTCTCTCTGCCAGTGTCCCTGCCTCTCTCTGTGTCTCTCATGAATAAATAAATGAA  
 AAAAATCTTAAAAAAGAGAAACGAGATTGAGATTGGGGGTGGACGCCGCCGCCCTCTGTTT  
 AGGAGAAATGATTTTCTGCCCTCGGGGTTGTTCCCTTAAACCCCTCTCCATCTTCCACGAGGGGACAGT  
 GCATGCAAAAGCATGTAGAAAGGATTAGTTCTCTGCTTTTGTGCAACTTCTTTTCATGCACCTGTTTTGGGAG  
 CATTAGCGCCACGTGTGGGTGCTCTTAGAAGCTGATTTCACTGATTTGTAATAAACTTGTATTATCCCCG  
 GAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAG  
 >GBCA0229 |Acc|AF147784|Ver|AF147784.1 GI:7110130|Canis familiaris retinal-specific  
 clusterin-like preprotein (CLUL1) mRNA, complete cds.  
 CTCGTGCGTGAAGTTGTATGACCTTGCTCAGGTAAATTTAAGTTGAACCTTTGCTTTTTTCTACTCCATAA  
 AAGTGGATTAGGGCTTCTGAATGTGGAAAGCGGAGAATTCAAAGTGTGAGGCAATAAAGAAAGGACTTTA  
 GTCCTGTTACCTTTTCTTGAATGGATTAGCTATCCAGAAACACCTATTGCTCTGTACAGAAAGAGTGTCT  
 CAGAGCTTTCTGCTAGAAATTGAATTTAGAGATACTAGCATGTTCAATTGCCAAACCCATCCTGACAGG  
 TATCTCTCTTCTAGCTCTTGAAGCTAGTGGGCTCTAGGCAAGATGTCCCTGCCTATTGGGATGTACCG  
 CCGGGCCTTCAGCTATGATGATGCCCTCGAGGACCTACACCCATGACTCCTCCTCCATCGGACATGGGC  
 AGCATCCCCCTGGAAGCCAGTGATTCCAGAACGCAAGTATCAGCACCTTGCCAAGGTATCTGATTCCACTG

ACTGCTTCTGGCAAGCCCAACCTCTTCGTTTTTCTTCCTCTGCTCCAGAAGCCTTCCATGGCTCCTGACA  
CCCATAGAATTGGGCAATTACCAATCCCTGTATGTTTTTAGTGCCTCAGCTGGAGTTGGTGGGCCCTTTTT  
ATTCTTGTGAATTCAACTAGAAATGGCCATGTCTTTTCTACCTGAGACTCTTCTGTGCATCCCCCTG  
TCCCGTGATCCAACCATGCAAATTTAAGATTTCTTCAGTGGGTATCTTATGCTTCCAAGTCTTTGTG  
TCACACTGCTCATTGCTGAGATGTTTACTCGTGCCGAATTCGGCACGAGCGGCACGAGTACGGTCGAAC  
AGTTTTTTCAGGAATATATATCAATACCTGTTTCTTTTGTGAGGATAATGAAAAAGATCTCCCTGTCGG  
TGAAAAGTTTCATTGAGGAGGATGCACAAGTAGCTCAAATAGAGAATGTGTTCAACCAGCTGACTGTGGAT  
GTGAGATTTCTCTTTAACAAGAAGTCTTAATGTCTTCAAACAGATGCAGCAAGAATTTGACCAGACTTTTC  
AATCATATTTTCATGTGAGATACAGACTTAATGCAGCCTAATTTCTTCCAGCTTTATCTAAAGAGCCAAG  
GAAAAAAGCAGATCCTGTGCAAGTTGGGATATTCCCAGCTTCTTCCAGCTGTTTTATAACTTCAGTCTC  
TCTATTTATCACAGTATCAGCACACAATCACCAGAGCGCTGAATGCAATAGAGGATTACCAAAACAAG  
ACAATGATTCTAACCATGGAAGCCTGAGTTCAAAGACATTGCCGTGTCAGCACAGAGGACCGTATGGAGA  
ATTTGGCCAGAATTTGTGAGAATGTTTCCAGTTTCATGCCAGATGCCAAAATGTGAGGATTACCTGTGG  
GAAGACTGTCCCGATGTACCTGAACACACAAAAGTAGATGAGGCCCTCGAATTGGTCAACATATCCC  
ATCAGCAATATGCCAGGTTCTCCAGATGACCCAGCACACCTGGAGGACACACATATCTGATGGAGAA  
GATGAGAGAGGAATTTGGCTGGGTGGCTGACCTGGCAAACCAGGCCCCAGGAGCTGAGAACATCTTTGAT  
TCCACAAGATGGTTCCAAACATACATGAAGGAATTTTTCCAAACAGACGAAACGATGATAGACTTAA  
GCATTTCTGTCTTCCCTTAACCTCACACTCAAGATCCCTCTTGAAGAAAGTGTGAGACTTCTAATCTCAT  
TAGCTACATGCTGGAGAAAGCTGTGCAGCATTTTAAGAAACATTTTAAACTTTGGTAAGACCTGAGGCAT  
CCTATACCTGCCAAGTAGAATTACCTCTTCGGGTACCTCTGAGATCTGAAAATCCCAATGTATAAGATA  
ATGTAATAAATGAAATAGCAGGAAAGTATGTGAGTTACATATTATGAATTACTGTTAATTTCTTATGTT  
GAATGGCAGTTTCATAGCTATTGGAATTGAGTTAAAGTAAATCCCTTTTTAAGAAAATCACATGTACAC  
ATTACTAAATCTATGGTAGGTTAGTAGTTCTATGTATATTAAATAAATATAAAATTACCAAAAAAAAAA  
AAAAAAA

>GBCA0230 |Acc|AF067847|Ver|AF067847.1 GI:5577963|Canis familiaris Na+-dependent  
glutamate transporter (GLAST) mRNA, complete cds.

CCCGAACACCCGGGCACAGTCGGCGAAGTTGTCTCTCTAACACCAAAGACATCTGGCTTTCCGGGGGTG  
ATTCGGAGACATTGAAGTGCAAAGAAGAGACTCTCCTAGAGAAATAAAATATGACTAAAAGTAATGAAGA  
AGAGCCCAGGACAGGGGGCAGGATGGAGAGGTTCCAGCGAGGAGTTTCGTAAGCGCACACTCTTGCCCAAG  
AGGAAGGTGCAGAACATCACAAGGAGGATGTTAAAAGTTACCTATTTCCGAATGCTTTCTGCTGCTCA  
CTGTCACTGCAGTCATTGTGGGTACAATCCTTGGATTTACCCTGCGACCATACAGAATGAGCTACCGGA  
GGTCAAGTACTTCTCTTTTCTGGGGAACCTCTGATGAGGATGTTACAGATGCTGGTGTACCCTTATC  
ATCTCCAGTCTTGTACAGGGATGGCGGCCCTAGATAGTAAGGCATCAGGGAAGATGGGAATGCCAGCGG  
TAGTCTATTACATGACTACGACCATCATTGCCGTGGTGATTGGCATAATCATGTGCATCATCATCCATCC  
CGGGAAGGGCACAAGGAAAACATGCACAGAGAAGGCAAAATGTACAAGTGACAGCTGCAGACGCCCTTC  
CTGGACTTGATCAGGAATATGTTCCCTCCAAATCTGGTGGAAGCTTGCTTTAAACAGTTTAAACCAACT  
ATGAGAAGAGAAGCTTTAAAGTGCCCATCCAGTCCATGAGACGCTCATGGCTGCCGTGATAAACAATGT  
GTCGGAAGCCATGGAGACTCTTACAAGGATCACGGAGGAGTTGATCCCAGTTCCAGGGTCTGTGAATGGG  
GTCAATGCCCTGGGACTAGTTGTCTTCTCATGTGCTTTGGACTTGTGATTGGAAACATGAAAGAGCAAG  
GGCAAGCCTTGAGAGAATCTTTGATTCTCTTAATGAAGCCATCATGAGATTGGTAGCAGTGATAATGTG  
GTACGCCCTCTGGGCATCCTCTTCTGATTGCAGGGAATTTGTTGAGATGGAAGACATGGGAGTGATT  
GGGGGGCAGCTTGCCATGTACACAGTGACAGTCATTGTCCGGCTGCTCATTACGCGGTCTATCGTCTTGC  
CCCTCCTCTACTTCTTGGTAACACGGAAAAACCTTGGGTTTTTATCGGAGGGTTGCTGCAAGCACTCAT  
CACAGCTCTCGGAACCTCCTCCAGTTCTGCTACCCTACCCATCACATTCAAGTGCTTGGGAAGAGAACAT  
GGCGTGGACAAAAGCTGTACAGATTCGTGCTCCCAGTGGGTGCCACCATTAAACATGGATGGGACCGCAC  
TCTATGAGGCTTTGGCTGCCATTTTCATCGCTCAAGTTAAACAATTTGAACTGAACTTTGGACAGATTAT  
TACGATCAGCATCACAGCCACAGTGGCAGTATTGGAGCAGCTGGGATTCCTCAGGCTGGCCTGGTACC  
ATGGTCATTGTGCTGACGTCTGTGGGCTACCCACCGATGACATCACGCTCATTTATCGCCGTGGACTGGT  
TCCTGGACCGCCTCCGCACCACCACCAACGTGCTGGGAGACTCCCTCGGAGCCGGCATCGTGGAGCACTT  
GTCCCGACACGAACTGAAGAACCGGACATCGAGATGGGTAATTCGGTGATCGAAGAGAATGAAATGAAG  
AAACCCATCAGCTGATTGCCAGAAAGCGAGACTGAGAAACCCACTGACAGTGAAACCAAGATGTAGA  
CTAGCACCAAGACGTTTTCTGGAGCAGCAGGTGTTCCGCAAAACACTGTAAAATGTTTCCAGCTGTTACA  
ACTCATTCTCTCCGGGAAGCCCCCTTACCTCCCTTTTCTGTACTCTGATAGGATTGGGAAGTAATCGTCC  
AAAACCAAGGGGGGATTTTGGCAGTCAGATCAGATCTTCCGAGTTTACGTGGCACACAGAACTGCAATG  
TGATTTTTTTTTTTTAATAGCTGAAGAGTCAAACGAATAGTAGGCTTAAAGCATGCTTTTAAATCAACT  
TTCAAAATTTAAATCCTTCAGAATGCAATTCAGTTTTAGTATCAAAACAACCTTGATAAACTACAATCA  
GTTATCAATGGAAGAGTAGAAGGGTTTTTTTCCCCCTCTCTCTCTGATTTGTGTCCTGATACAAATAC



TAGCAGGCCACTATGAATACACACCTAGCACAGCTGTGAGGAGCCACATAAAGTGAAATTTCCAAGTGGC  
 CAGAGGCAACTTAATCTCATTCTAGGCCTCAGTGTCTCATCTGTAAAATGGGTGAGTTCCTTGGATGC  
 CTTTATGGTCTCTTTCTAGCCCAAACATCCTGTGACACCATAGAAGAGCCTGCCTTCTATTTCCCTTGGGA  
 ACATCCTGTAGCAAGTATCATTCATGGGACTTTCAAAAAGGATACTTACTGGGAATGAACTTTTCTAAGT  
 AGGGGAGGGATGGCTGTATGGTTTACCAGGTCTGTGTCCAATGTCAGTTATGCGAGTCACCAAGCTGGA  
 GGCCATTCAAGGAGTGGAAATTATTATGAAACTCTGCTGAGTTCCTTCCCAATGAGGGGAAAGTATTCCTT  
 TCTTCCCTGCCCTTCCCAAACGGAAGGACTGCTCTGGGAAGGATTCTCCCACTCCTCAACTGACCA  
 TAGACTTTTAGAAAGTAAATGTAAGACTAGCAACTAGCAAGGGTGCATAGTCTTACTACAGAACACT  
 AAAGAGCCAGGTAGGAAAGAGTGGAGCATGGTTGACATTATGGAGAGGATTTTTAAACACCCAGCTTAT  
 AGATCATCTTTAAGGACGAATTTAAATAGAGAGGTTTCAATTTGTTTAACTGAAATACTTTTGTCTTC  
 AGTTCAAAATCATCCCCAAGGAAGTCTGCTTATCAAAATACAAGTCACTTCTCATATCTATTTTGAAG  
 AAGTCAATGAATGAGCTCTCTCTCCCTCTCTCTCAATAGAGGTCCAGGAGCTGGGTGGGTGGTCTCT  
 TATTTGAAAAGGTTTTTGTACTATAATCAAAAGTTCTTAGGATGAGAGAAACAAGATATTTCTTTGTGTG  
 GAATTCACCTTCCCAAATCATTGAAAGCCTTTAGCTGGAATTGGGTTCAGTTTTATTTGTTTGTGTCCC  
 TGAGAGAAATGGTAGAAGATGAATCAGTATAGAGACGCTGTCAATGTGGTTCCAAGAGAAAACCCAGCAGG  
 GGCATTAGTTTCAGGCGAGGCAGCTCCAGGTTTAGAGGAGATTAATTTTTTACCCCTAAGGAGTATT  
 CACTCAAAGACATGGACTGGGAGCTGTCACTACCAGCTGTGCTTGAGTTCTGACCGAAAATGGTGAAGA  
 ATGGACTTAATTATGCTAACAGATTGAAAATCTAGACATACACTCTCCAATACACAATTAGAGACGTTTT  
 CTATATAGATGAGCGTTACATGTGTACAAAAAAAGTTAACGTTAGGCTGTGGTGAAGTAACCGTTT  
 AATGCCGAGGCTCTATTTGGGAAATACATTACAAAAGTTAATATCCGTGGCTGTCTCATGACACCAG  
 TAGAGCAAAAATTAATCAGCTCAAATTAATCTGTTATACAGTGTGATCTTTTTTTTTTATACTAACCAT  
 TTCTTATGAAAGCAAGTCTCTTGGACGATCCTCTCTCCAGCCCATCACAGGCTCTGTATACGCATGCA  
 CCAAGTGTGGACTGAGAAGCATTACTTTGTAGATGATTTTCAATAAAGAAAAGAAATTAGTTTTACT  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0231 |Acc|AF167077|Ver|AF167077.2 GI:6978310|Canis familiaris glutamate transporter (EAAT4) mRNA, complete cds.

TTGCAGTTGAGGCTCCCGATAGACGATGAGCAGCCACGGGAACAGCCTGTTCTGCGGAGAGTGGCCAG  
 CGGCTGGGCGGGTGGGCTGGCTGCAGCGGCTGCAGGAGAGTCTGCAGCAGAGAGCGCTGCGCACTCGCC  
 TGCAGCTGCAGACCATGACTCGGGAGCAGCTGCTGCGCTTCTGCGCCGGAACGCCTTCACTCTGCTGAC  
 CGTCAGTGCTTGGTCAATTGGGGTCAGTCTGGCCTTTGCCCTGCGACCGTACCAGCTTACCTACCGCCAG  
 ATCAAGTACTTCTCTTTCTCTGGAGAACCTTCTCATGAGGATGCTGCAGATGCTGGTGTGCGCACTCATTT  
 TCTCCAGCCTGGTCAAGGTATGGCATCCCTGGATAACAAGGCAACAGGGCGGATGGGGATGCGGGCAGC  
 TGTGTAATACATGGTGACACGGTCAATGCTGTCTTCAATGGCATCCTCATGGTCACCATCATCCATCCT  
 GGAAGGGCTCCAAGGAGGGGCTGCACCGCAGGGGCGTATTGAGACCATACCCACAGCCGATGCCTTCA  
 TGGACCTGGTCAGAAATATGTTTCCGCCCAACCTGGTGGAGGCTGCTTCAAACAGTTCAAGACGCTATG  
 TAGCAGGAGGTTGGTAACCAGGACCATAGTGAGAACAGAGAACGGATCCGAGCTGGGCACCTTCCATGCCT  
 CCTCCATCTTCAATGGACAATGGAACAGCCTCCTGGAAAATGTACCTGGGCCTTGGGCACCTGCGAGG  
 AGGTGCTGAGCTTCGAGGAGACTGTGCCTGTTCTGGCTCAGCCAATGGCATCAATGCCCTGGGCCTTGT  
 TGTCTTCTGTGGGCTTTGGGCTGGTCAATTGGTGGCGTGAAACACAAGGGCCGAGTCTGCGGGATTTT  
 TTTGACAGCCTCAATGAGGCTATTATGAGGATGGTGGGCATCATTATCTGGTATGCACCTGTGGGCATCC  
 TGTTCCTGATCGCTGGGAAGATCCTAGAGATGGAGGATATGGCTGTCTGCGGGGTCAGCTGGGCATGTA  
 CACCCTGACTGTCTTGTGGGCTTGTCTCTCCATGCCGGTGGTGTCTGCCCCCTCATCTACTTCTCTCATC  
 ACCACCGGAATCCTTTCCCTTCTCATCGGGGTGTACTGACGGCCCTCATCACTGCCATGGGCACGTCTT  
 CCAGCTCTGCAACACTGCCCATCACCTTCCGCTGCCTGGAGGAGGGCCTGGGTGTGGACCGACGCATCAC  
 CAGGTTTCGTGCTGCTTGGGGGCACTGTCAATATGGACGGGACTGCCTTGTATGAGGCCCTGGCCGCC  
 ATCTTCATTGCCCCAGTCAACAATATGAATCAACCTGGGCCAGATCACGACCATCAGTATCACAGCGA  
 CAGACCCAGCGTTGGGGCTGCTGGCATCCCCAGGCAGGTCTGGTACCATGGTCAATTGTGCTCACATC  
 GGTGCGGCTGCCACTGAAGACATCACACTGATCATAGCTGTGGACTGGTCTCTTGACCGACTTCGTACA  
 ATGACCAATGTCTGGGGGACTCTATTGGAGCAGCCGTCAATTGAGCATTTGTCTCAGCGAGAGCTGGAGC  
 TGCAGGAGGCGAGCTCACCTCCCCAGCCTGGGGAAACCTTACAAGCCACTCATGGCACAAGAGAAGGG  
 GCGCTCCAGGGGACGGGGAGGCAATGAGAGTGCCATGAGGTGAGGGGGCCCCAGCTCTGCTGCCAGAGAGGA  
 GGAACGGGGCTGGGGGAGGGGGAGGTCTAGGGAAGACCCACTGCCTGAATGACTGCACTGAACACAC  
 ATGTTCTGTCTAGCTTGTGTTGGTGGAACTGAGATAAAGGAGCAGGAA

>GBCA0232 |Acc|AF167076|Ver|AF167076.2 GI:6978308|Canis familiaris glutamate transporter (GLT1) mRNA, complete cds.

CTGGCCAGCTCCAAGCACGGGTGCGAGAGATTTGGGTGCTTCCCGGGAAGAGGCGGGAAGAGAATGCCAA  
 CAACATGCCCAAGCAGGTGGAAGTACGAATGCACGACAGCCATCTCAGCTCAGAGGAGCCGAAGCACCGA

CATCTAGGCCCTGCGTCTGTGTGACAAGCTGGGGAAGAACCTCCTGCTCACATTGACTGTGTTCCGGTGTCA  
 TCCTGGGGGCGAGTATGTGGAGGGCTTCTTCGCTTGGCATCTCCTCTCCACCCCGATGTGGTCATGTTGAT  
 AGCCTTCCCAGGGGATATACTCATGAGGATGCTAAAAATGCTCATTCTCCCTCTCATCATCTCCAGCTTA  
 ATCACAGGGTTGTTCGGGCTGGATGCTAAAGCCAGTGGGCGCTTAGGCACAAGAGCCATGGTGTATTACA  
 TGTCCACAACCATTAATTGCCGCGGTGTTGGGGGTTCATCCTGGTCTTGGCTATCCACCCAGGGAACCCCAA  
 ACTCAAGAAGCAGCTGGGACCTGGGAAGAAGAATGATGAAGTGTCCAGCCTGGATGCCTTCCCTGGATCTT  
 ATTCGAAATCTCTTTCCTGAAAACCTGGTCCAAGCCTGTTTTCAACAGATTCAAACGGTGACCAAGAAAG  
 TCCTGGTGGCTCCTCCATCAGATGAGGACAGCAATGCCACCAATGCTGTCATCTCCTTATTGAACGAGAC  
 TGTGACCGAGGCCCCCTGAAGAAGTGAAGGTGGTTATCAAGAAGGGCCTGGAGTTCAAGGATGGCATGAAT  
 GTCTTAGTCTGATAGGGTTTTTCATTGCTTTTTGGCATCGCCATGGGGAAGATGGGAGAGCAGGCCAAGC  
 TGATGGTGGAGTTCTTCAACATTTTTGAATGAGATTGTAATGAAGTTAGTGATCATGATCATGTGGTACTC  
 TCCCTGGGTATTGCCTGCCTAATTTGTGGAAAGATCATTGCAATCAAGGACTTAGAAGTGGTTGCTAGG  
 CAACTGGGGATGTACATGATCAGCGTGATTGTGGGCCCTCATCATCCATGGGGGCATCTTCTCCCTTGA  
 TTTACTTTCTAGTCACCGAAAACCTTTCTCCTTTTCGCTGGCATTTTCCAAGCTTGGATCTGCTGC  
 CCTGGGTACCGCTTCCAGTGCCGGAACCTTTCCTGTCACTTTCCGTTGCCCTGGAAGAAAATCTGGGGATT  
 GATAAGCGGTGACAGATTTGTCTCCAGTGGGAGCAACCATCAACATGGACGGCACAGCCCTTTATG  
 AAGCAGTGGCCGCGCATCTTTATTGCCCAAATGAACGGTGTATCCTGGACGGAGGCCAGATTGTGACTGT  
 GAGCCTCAGCGCCAGCTGGCGAGCGTCCGGTCCGCCAGTATCCCCAGCGCAGGCCTCGTCACCATGCTC  
 CTCATCCTGACGGCTGTGGGCCCTGCCAACGGAGGACATCAGCCTGCTGGTGGCTGTGGACTGGCTGCTGG  
 ACAGGATGAGAACTTCAGTCAATGTGGTGGGGGACTCATTGGGGCTGGGATGTCTATCACCTCTCCAA  
 GTCTGAGCTGGATACTATTGACTCCCAGCATCGAGTGCATGAAGATATTGAAATGACCAAGACTCAGTCC  
 ATTTATGATGTGAAGAACCTTAGGGAAAGCAACTTAATCAATGTGTCTATGCCGCACACAACCTCTGTCA  
 TAGTAGATGAGTGCAAGGTAACCTCTGGCAGCCAACGGAAAGTCAAGCCGACTGTGGTGTGAAGAAGAAC  
 TTGGAACGTTGAAAATAAGAATATGACTCTCAGCAAGTTTTGAACAAACTCCCCAGCGTGTCTTATGG  
 TAAAAGAGATATAAACAAGCTGTCTTTAAAAAAGGAAAAAATGCATCTATTTCTGTGTTTACTTAA  
 TCTGCTAGCTGAGGCTTCGAGGATCTGTTGTGAGTCAGTGATAGGCGCGTTGCTGTGTCTTGGCAAGTG  
 ATGCTTTGTAACCTGCCTCATTTCCTCACCTGTATTATTTCTTTGAAGGGAGGCTGCTGGAGGAATCAGTTT  
 GAATTGAAGACACATTCTTGCCAGCTTCCCTGTGCTCTCTAAATGCAGAGCCTTGAATGCTCTTATCCCA  
 GGGGACATGACTAAAGCAATGTGGTACACTCCGAGGACTTGGGATAACGAGCAGACACTCAGTGTGTGAT  
 TCCTTCCAGTGTCTCCATGTTTCTGCTTTGTTATGCACAAGAGATTCTGTTTGAAGCCTCTAGAAGTAA  
 TTCCCTGAAATGTCTCGTAGAGTTTGCCCATGTGTTGATTAAAAGCAAATTCCTGTCTTCAGGAACCTC  
 TGAGAATCTATCTTCCGTGTACTCTTTAAATATTTCAAAGAGATTTGTAGTGGGAACCTGTGATCTTCGAG  
 GCAGCTGATTACGGAACCCACTGAGTTTCTGCTCTATCCTATCCAGTCTGGGGAAATAATTATTGAAAT  
 TCAAAGTATGTTTCATATATTATTTCTGTACCCTGTGATACAGATTAGGATGTAATTGGCATATACAGAGCT  
 GCTGTACCTGTTGACAAACATAAGAGAGCACAGTCAACGTTAACTTTAACCAGGTTCAAATATTCAAAT  
 TGTTTGTGTTTGGTTTGTATTACCTGGCATAGGGACATCAAGTGAGATTATTTGATCTATGCTTTACTT  
 TCTTTGTTTCAGCTGTAAATTTCTAATTTGGATTCTAACAAAAAGACATTTGTAATCCCCACATTCTT  
 TCAATCCCAGACTCATTAAACCGAGAAGGCCCATCATTTTTTACTCTCCTCACCCATAGAGGACAGTTATG  
 TTGGCTGTGCCTCTTTTAATACCACCTCTTGATT

>GBCA0233 |Acc|AF167075|Ver|AF167075.2 GI:6978306|Canis familiaris glutamate transporter (EAAC1) mRNA, complete cds.

CCCCATGGGCAAGCCGGCGAGGAAGGGATGCGACTGCAGGCGCTTCTGAGGAACAACCTGGCTGCTGC  
 TGTCCACCGTGGCCGCGTGGTGTAGGGATTGCCATAGGAGTCTTGGTTCGAGAATACAGCAAGCTGTC  
 TAGTCTGGAGAAATCTACTTTTGTCTTTCCCGGTGAAATCCTAATGAGGATGCTGAAACTCATCATTTTG  
 CCATTAATTATATCCAGCATGATTACAGGTGTTGCTGCACTGGATTCCAGTGTATCCGGGAAAATTGGTC  
 TACGTGCTGTATATATTATTTCTGTACCCTGTGATGCTGTAGTTCTAGGCATCGTGTGGTGGTGAG  
 CATCAAGCCTGGTGTGTCCAGAAAGTGGATGAAATTGACAGGACAGGCAGCAGCCCCGAAGTCAGTACA  
 GTGGATGCCATGTAGATCTGATCAGGAATATGTTCCCTGAGAATCTTGTACAAGCCTGTTTTCAGCAGT  
 ATAAAACCAAGCGTGAAGAAGTAAGTTCTCCAGTGAGCCAGGGATGAACATGACGGAAGCATCTGTAC  
 CGCTATCAGTACTATGCCATTTCCAAGAACAAAGGAATACAAAGTCGTAGGCATGTATTACAGT  
 GGCATAAATGTCTGGGCCTGATTGTCTTTGCTCGTCTTTGGACTTGTCTATTGGAAAAATGGGAGAAA  
 AAGGACAGGTTCTGGTGGATTTCTTCAATGCTCTAAGTGATGCAACCATGAAATTTGTTGAGATCATTAT  
 GTGTTACATGCCACTTGGCATTTTGTCTCTGATTGCTGGGAAGATCATAGAAGTTGAAGACTGGGAAATA  
 TTCCGCAAGCTAGGCCTTTACATGGCTACCGTCTGAGTGGCCTCGCGATCCACTCCATTATCATCTTCC  
 CACTGATCTACTTCATAGTTGTACGGAAGAACCTTTCCGATTCCGCATGGGAATGGCTCAGGCTCTCTT  
 GACGGCTCTCATGATCTCTCCAGTTCAGCCACACTGCCTGTCACTTTCCGCTGTGCAGAAGAAAAGAAC  
 CAAGTGGACAAGAGGATCACTAGGTTTTGTCTGCCCGTGGGAGCTACTATCAACATGGACGGGACTGCAC



TCTATGAGGCTGTGGCAGCTGTGTTTCATTGCGCAGTTGGATGGCCTGGACTTGGGCATTGGGCAGATCAT  
 CACCATCAGTGTACGGCCACGGCTGCCAGCATCGGAGCTGCTGGTGTGCCACAGGCTGGCCTGGTGACC  
 ATGGTGATCGTGCTGAGTGTGTGGGTCTGCCGCCGGAGGATGTCACGCTCATCATCGCTGTTGACTGGC  
 TCCTGGACCGGTTTCAGGACCATGGTGAACGTCTCGGTGATGCGTTTGGGACAGGCATTGTGGAGAAGCT  
 CTCTAAGAAGGAGCTGGAGCAGATGGATGTTTCATCTGAAGTCAATATCGTGAACCCGTTTGCCCTTGGAA  
 TCCACAATACTGGATAATGAAGACTCAGATACCAAGAAGTCTATGTCAATGGAGGCTTCGAGTAGACA  
 AATCTGACACTATCTCGTTACCCAGACCTCTCAGTTCTAGAGTCCCTGGCTTCATAGGACCAGGAATGA  
 TGAAGGACAGCTCCATAAGAGTCACTCTTAGCAAATTCAAACATTAAATAAGGAAAAGAAAACATTAA  
 TGGCCAACGTGACATTGGATTTGATATAGAACTTCCAGATTATTTTCTATATTTGGATTACAGATTTTC  
 ACTCTCGGGGTTCTGGGCTTTGGGGTGGGGTAACATGAAAGAAATACATGAAAAGAAAGCTGGATTGT  
 CTGCAATTTAAAAATCTAAAGTTTGGAGTAAATAGAGTCATAATTGTTGGATTAGGACATGGATATGG  
 AAGAAAAATTGCTTTCTCATACACAGTCCAGTGTGTTTGGAGTTTAAAAAAATACTCAGTTTACAAATTT  
 TTACTCGCTTTCTATTGGCATGGATTTCTTTGACTTCTCACATTTTATAGATTATAATGCATATAAAC  
 ACCCTCCCCCATTAATGTGCCAAATTGTCCATTTTAACTCATCTCCAGCCAATTTCAAAGAAACAAC  
 TTTGAAAGAAAACAGACCAGCACAAATCTGCAATCAGAGTTTAAAGATGGGTGTGGGGTTTGTGGGAAG  
 GTTCTTTTTTCAATGTACTGTATTGGGACACTGGTAACCTACCCAGTGTTCAGTATAGAGCTAGATA  
 TATATATATGTATATATTTATTATTTTCATATAAGTTGCCAGACAGAGATCAGAATTGACTGTCAATGTG  
 AAATAAAGAGCTTTCTTGTACTGAATAATAACTATGATCTCAATCCAGATCTGCTTTGGGGCTTATCCA  
 AACTCTCTCTCAGGAGCACAGAATGAAATATCATGTTGTCTGATTGTTCCACGTCTGTGTGTGCTGCT  
 CAAAGCAGATATGCATTATGGAGATACTCCAAGGTGGCATCACCATTATCTACAACCCCGAGATTCTGC  
 TGCTATGAGGGAATCCATATCAGCTCTATATACGATTGTATACAAAGGTGTCACTCATACAAGGCTGGAT  
 GTGTTTTTATCCAATTGGAAGGCTTCATTCCTTCCAAGATCAACTAGACCCACTTAAAAATGACAGGACTT  
 TGCCCTTTTGTACCCATTAGGGCCTAAACAACAGTGGCAAGCTACCAGCTAAGTTGTATTTTAATATGGA  
 TCTGATGGACTGAACAAGTCACATTGGCCAGTGTCTTCTTGCAAAGGAAGTCCACACATGAGATCTTG  
 GTTATGAGTGGTTTCAGGGAATTTCTTCATTGTATGAAACTCATCTCCTCCTCAAGGGAGGATGGTTCCA  
 ACTAGTAGTCTAGTAATCTCAGCCCTGGTCATTACAATCCATTTCCCTTCTTATGCTAATTTATGGAAT  
 AGTTTTATAAAAATCTGTGCTTCAGCACTCATCTTAAAAATAACATTTAACATAAAAACTTGTATTTACAC  
 GGAGATCCAAAATAGTCACGTTTCTGCAGTATAGCCAATTTAAACCTGTGCTTTTTTATATTTAAGAAAA  
 CCAGAACTGTGCCAAAGATGGTGGAAAAGTAAACAAATGTTCAATGTTGACTACCTGTACCTGAAAGC  
 TATAAGGGAATGATCCTAGATTGTGAGTACACATCATAAACGTGGACCAAGTGAATCAATGTGAGTCTTC  
 AAAGGGAATATTGATGTTTGTGAGTGGAAATAAATCTAAATATCGATGCAGTTGAATCCATAATTTGTC  
 ATGGGCTGAAAGGTCTACCCCTTGGCAGTTTGTCTCAGATCTAAGGCACGGGAGTTGGCAGAGCTGTTT  
 GTGAACGTGAGGTATCTCTTATTTTGGAGTGAGTTGTAAACGAGCCTTAAACACACTGTGCTGTTAACT  
 CATTAAAGAGAAGATGTTCCATTTTCAGTCTCAATAACTTCTGCCCTTCTCTCTTCCC  
 >BCAA0234 |Acc|U55935|Ver|U55935.1 GI:4204862|Canis familiaris tight junction associated  
 protein ZO-1 MDCK (ZO1-MDCK) mRNA, complete cds.  
 GAGAGAGACAAGATGTCCGCCAGAGCTGCGGCCGCCAAGAACACAGCAATGGAGGAAACAGCTATATGGG  
 AACAACACACAGTGAACGCTTCACAGGGCACCTGGATTGGAATTTGGAATGCAATATCTGGTGGAGAGA  
 TAACCTCATTTTTCAGAGTGGAGAACTTCCATAGTAATTTTCAGATGTGCTGAAAGGGGGACCTGCTGAA  
 GGACAGCTACAGGAAAATGACCGAGTTGCAATGGTTAATGGAGTTTCAATGGATAATGTTGAACATGCGT  
 TTGCTGTTTCAGCAACTAAGGAAAAGTGGGAAGAATGCAAAAATTACCATTTCGGAGAAAGAAGAAAGTTCA  
 GATACCAGTTAGTCGTCCTGATCCTGAAACAGTGTCTGAGAATGAAGATAGTTATGATGAGGAAGTCCAT  
 GACCAAGAAAGCAGCCGTGGTGGTCTGGTCAGTAGAAGGAGTGAGAAGAGTTGGGCAAGGGACAGGAGTG  
 CAAGCAGAGAGAGGAGTTTGTCTCCACGGTCTGATAGGCGATCTGTGGCCTCCAGTCAACCTCCCAAACC  
 TACCAAGTCACATTGGTGAAATCCCGGAAAAATGAAGAATATGGTCTTCGATTGGCCAGCCATATATTT  
 GTAAAGGAAATTTCAAGATAGTTTGGCAGCAAGAGATGGCAATATTCAGAAGGCGATGTTGTATTAA  
 AGATAAATGGTACTGTGACAGAAAATATGTCACTGACAGATGCAAGAGACTTGTATGAAAAGATCTAAAGG  
 CAAGTTAAAAATGGTAGTTCAAAGGGATGAACGGGCTACCCTATTGAATGTCCCTGATCTTTCTGACAGT  
 ATCCACTCTGCTAATGCTTCTGAGAGAGATGATATTTAGAAAATTCAGTCACTGGCATCAGATCATTTCTG  
 GTCGATCACATGATAGACCTCCCGCCACAGCCGGTCAAGGTCACTGACCAACGATCAGAGCCTTCTGA  
 TCATTCCAGCACTCTCCACAGCAGCCAGCAGTGGCAGTCTCCGAGCAGAGAGGAAGAGAGAATTTCT  
 AAACCTGGGGCTGTCTCAACTCCTGTAAAGCATGCAGATGATCATACATAAAAACAGTAGAAGAAGTTG  
 TAGTTGAGAGAAATGAGAAACAAGACCCAGTCTTCCAGAACCAAGCCTGTGTATGCTCAAGTTGGACA  
 ACCAGATGTGGATTACCTGTCTCAGTCCATCTGATGGCGTCTACCTAATTCAACTCATGAAGATGGGAT  
 TCCGGCCAGCATGAAATTTGGTAAATTCAGAAAAGGAGATAGTGTGGGCTGCGCCTGGCTGGTGGAA  
 ATGATGTTGGAAATTTGTAGCTGGTGTCTAGAAGATAGCCCTGCAGCCAAAGAAGGCTTAGAAGAGGG  
 TGATCAAATTTTCAGGGTAACAATGTAGATTTACAAACATCATAAGAGAAGAAGCCGTCCTTTTCTTA

1283

CAGATGAAGATTAGTGAGCATGCCCCCTGCACCGTGGTCAGAAAAACATGCTGCAGACTGCGTGTGTTGTGAT  
 GGAAAAACCGTCAGTATTGGCTGGAGGGTCAGAGATGGTTTGCTTTGTAATGATTTTTGTACTTTTTTAC  
 AGTCACTGCTTACTTCACTGATTTCCGTTAAAAATACCAGCCAGTAAATGGGGTGCATTTGAGTTTTATTTC  
 TTTCCAAAGTACACTGTTTCAAACCTTGATTATGGCCCTGGCTTGGCATAACACATTTTTATTTATTATGCA  
 TGAGGTAATATGCACACATTTAAAAAATATACCTGGAGCATATAAACAGTGTAGTAGATTTAACAGAAA  
 TGTACAGCAAGGGGAATTTGTAGCTTTGGGGGGTGGGGGGGATGGTAGGGAAGTCAAGTGAAGACAATT  
 ACTTATTGTATATGGAAACACATTTTTTTAGGGAAGGACACCAAAGCATGTGAGACTGGTCTGTGGCCT  
 CTTTGGATCTATAAATTAACCATATCACCACAGACATACTAACCAGCAGGAATGCCTTACCCTCATATTT  
 TTAATTCCTTAGATCATCTCTCTGTGTATTACTAAGTTTATATGGCTTTTGTGCACATCTAGTTACTGTA  
 TCATGAAAAAGATTGAGTAAATTTGTGGATTTGGTGGTTTCAGAAATGTATAATCACCAGAGAAAAAAT  
 GGTGTGATTTGGGGATTCCCCACCCACCACCCCAAGGGGAGTGGTGGTTTTCTGTCTTTTGGC  
 TATGCATTTGAAAATTTGACATTTTAAGGATGCTTGTACATAATGCGTGCATACCACCTTTGTTCTTGG  
 TTTGTAAATTAACCTTTTATAAACTTTACCTTTTTTATACATAAAACAAAACCGAGTTTCTTAAGGCTACCT  
 TTGTATTTCTCTCTGTACCTCTTGAGCCTTGAACTTTGACCTCTGCAGCAATAAAGCAGCATTTCTATG  
 ACACATACAAGGTCATTTTTTAAAGAAAAAGAAATGCACAGAGTTGTACATTTTTAAGTGTGCATTTAA  
 AAGATACAGTTACTCAGAATCTCTAGTTTGATTAAATTTGCAAAGTATCCTGACTGTAATTTGTGAT  
 ACCATGCTGTGCCCTAAAGTGTATTTTTTACTAATAGACAATTTATATGGCACATCAGCAGGATTTCT  
 GTTTAGATAATACACCACTACATTCTGTTAATCAATCATTAGGTGTGACTGAATTTCTTTTGCAGTTATT  
 AAAAAATCTCAAAATTTCTAAATCTGCGGAATAAAACCTTTTTAAATAAAAAA  
 AAAAAAAAAAAAAA

>GBCA0235 |Acc|AF187884|Ver|AF187884.1 GI:6003682|Canis familiaris protein tyrosine  
 kinase fer mRNA, complete cds.

CGTTACTCACTTCCCACCAAATTTTGGGTGAAGGCGCTCCTGAACCACCTCCTGGAGGAGCCAGC  
 CGGTGCGGGTGGGCCGCGCACCCGGGCTGGAAGAGCTCCTGTTTTCTGGCCAGACCTGTGGTCGTTT  
 CAGTGAGACTCACTGCACATTTTCTCAAGGGTCTCTCATCCCTAATGTGTAATCCTTCAACATGGACC  
 TGCTGCTTTAGCTAAGACATGACCAGCAATGAACAGTAGTAAGATATGTGCTGATTAGAAGGCTCACAGC  
 GCAGTGTGGAGGATAAGACAGTGCCTTACAAAATGGGGTTTGGGAGTGACCTGAAGAATTCACATGAAG  
 CTGTGCTAAAATTGCAAGACTGGGAATTACGGTTACTGGAACAGTGAAGAAATTTATGGCCCTGAGAAT  
 AAAAGTGATAAAGAATATGCATCTACTTTACAGAACCTTTGTAATCAAGTTGATAAGGAAAGTACTGTT  
 CAAATGAATTATGTGAGCAATGTATCCAAGTCTTGGCTACTTATGATTACGCAACAGAACAACTTAGCA  
 GAATCATGAAGACACATGCGAGGACCTAAATTTGGACCTTACACAGGCTCACCATGATGATCAAAGA  
 CAAGCAGCAGGTGAAGAAAAGTTTATAGGTGTTTATCAGCAGATAGAGGCGGAAATGATCAAGTTTACA  
 AAGACAGAATTAGAGAAATTAATCCAGCTATAGACAGTTAATAAAGAAATGAATTTGCCAAAGAGA  
 AATATAAAGAAGCTTTAGCTAAAGGGAAAGAAACCGAAAAGGCAAGGAACGATATGACAAGCGCAAT  
 GAACTTCATGATTAATCAATCAGTATGCTATTGGCACTGAAAGGGGCACAGCTTCATCAGAATCAGTAT  
 TATGACACCACACTTCTTTGCTTCTGGACTCTCTTCAAGAGATGCAAGAAGAAATGATAAAGCACTAA  
 AAGGTATATTTGATGAATACAGCCAGATAACCAGTCTCGTTACAGAGGAAATAGTGAATGTCCATAAAGA  
 GATTCAAATGTCAGTTGAACAGATAGACCTAGCACAGAATATAATAATTTATAGATGTTTACAGAAC  
 ACGGCTGCTAAAGAGCAAGAAATTTGAGTTTGATACTTCTTACTAGAAGAAATGAAAATCTTCAGGC  
 ATGAAATTTATGTGGAATAATTTAACAGCAGAAAGTTTGAAGTAATGTTGAAAATTTAGCAGAGGAACT  
 TATACAGACACAGCAGATGCTTTGTAACAAGGAGGAGGCTGTCTGGAGCTAGAGAAGAGAATTGAGGAG  
 TCCTCTAAGACCTGTGAAAAGAGTCTGATATTGTGCTTCTGCTAAGCCAAAAACAGACACTAGAAGAGC  
 TGAACAGTCACTCCAGCAGCTGAGATGCACCTGAGGCAAGTTTACAGCACAGAAAGAAATTACTAGAGCA  
 AAAAGTACAAGAAATGAAGGGAAGAGCCACCTCCAGTAGTGAATTATGAAGAAGATGCACGATCAGTT  
 ACATCTATGGAAAGAAAGGAGAGGCTATCCAAATTTGAGTCCATCCGTCATTCAATTGCTGGAATAATTA  
 GGTCTCCAAAGTCTGCACCTGGGCTCTTCAACATTTCTGATACGATCCCCATAAGTGAGAAGCCCTTGGC  
 AGAACAAGCTAGTCCAGCAGTGCATTTCCAGAAATGAGGCAAGATCTATTAACAACAAGGAGAC  
 TTCTTGGTGCAGAGAGTCTGAGGAAACCTGGTGAATATGTCCTTTCTGTATATTCTGATGGACAAAGGA  
 GACACTTTATCATACAATTTGTTGATAATCTATATCGATTTGAAGGCACTGGTTTTTCAAACATTCCTCA  
 ACTTATAGATCATCACTATACAACAAAACAGGTCATCACTAAGAAGTCAAGTGTAGTTCTGCTGAATCCT  
 ATTCCTAAGGATAAGAAATGGGTTCTCAATCAGAAAGATGACATTTGGGAGAAATTAAGGAGGGA  
 ATTTTGGTGAAGTATATAAGGGCATATTAAGGATAAACTGCTGTTGCTGTTAAACATGTAAAGAAGA  
 TCTTCTCAGGAAGTGAATAAATTTTACAGAAGGCAAAATTTCTCAAGCAATACGATCATCCCAAT  
 ATTGTCAAACCTTATGGCGTTTGCACACAAAGACAGCCTATCTACATCATTATGGAAGTGGTTCCAGGAG  
 GTGATTTCTGCTGCTTCTGAGAAAGAGGAGGATGAAATAAACTCAAACAATTAGTGAAGTTTTCATT  
 AGATGCTGCTTCTGGTATGTCCTATCTCGAGAGTAAAACTGTATACACAGGGATCTGGCTGCAAGAAAC  
 TGCTTGGTAGGTGAAAATAACGTTCTGAAAATCAGTGACTTTGGAATGTCTCGTCAGAGGATGGTGGAG

TGTATTTCATCTTCTGGCTTAAAGCAGATTCCCATTAAATGGACAGCACCAGAAGCTCTTAATTATGGGAG  
 ATACAGTTCTGAGAGCGACGTGTGGAGCTTCGGCATCCTCCTCTGGGAGACCTTCAGCTTAGGAGTGTGC  
 CCTACCCCGGAATGACAAATCAGCAGGCGACGGAGCAAGTGGAAGAGGGTACCGAATATCAGCCCCC  
 AGCATTGCCAGAGGACATTTTAAAATTATGATGAAGTGTGGGATTATAAACCTGAAAACCGCCCCAA  
 GTTCAGTGAACCTTCAGAAAGAGCTCACGGTCATCAAGAGAAAGTCACACAGTGACGGAGCAGTGCCAAC  
 CGCTCCGGGACCTGGGCGTCTGGCAGAGTGACATCGTTCTCCCCGCTAACAAATGAGTTTATACCACATT  
 ACCTGCAACAGTCTTCTAAGGTGATTTTTGTTATTAAGTGTGTTTTGTTTTGTTTTTAAAGTATGTGC  
 CACTCAC

>GBCA0236 |Acc|AB038240|Ver|AB038240.1 GI:6983846|Canis familiaris GAPDH mRNA for  
 glyceraldehyde-3-phosphate dehydrogenase, complete cds.

ATGGTGAAGTTCGGAGTCAACGGATTTGGCCGTATTGGGCGCTGGTCACCAGGGCTGCTTTTAACTCTG  
 GCAAAGTGGATATTGTGCGCATCAATGACCCCTTCATTGATCTCAACTACATGGTGTACATGTTCCAGTA  
 TGATTCTACCCACGGCAAATTCACGGGCACAGTCAAGGCTGAGAACGGGAACTTGTTCATCAACGGGAAG  
 TCCATCTCCATCTTCCAGGAGCGAGATCCCGCCAACATCAAATGGGGTGTGCTGGTGTGAGTATGTTG  
 TGGAGTCCACTGGGGTCTTCCACCCATGGAGAAGGCTGGGGCTCACTTGAAAGCGGGGCCAAGAGGGT  
 CATCATCTCTGCTCCTTCTGCTGATGCCCCATGTTTGTGATGGGCGTGAACCATGAGAAGTATGACAAAC  
 TCCCTCAAGATTGTGAGCAATGCCCTCCTGCACCACCAACTGCTTGGCTCCTTAGCCAAAGTCATCCATG  
 ACCACTTCGGCATCGTGGAGGGCTCATGACCACCGTCCATGCCATCACTGCCACCCAGAAGACCGTGGGA  
 CGGCCCTCTGGGAAGATGTGGCGTGACGGCCGAGGGGCTGCCAGAACATCATCCCTGCTTCCACTGGC  
 GCTGCCAAGGCTGTGGGCAAGGTCATCCCTGAGCTGAACGGGAAGCTCACTGGCATGGCCTTCCGTGTCC  
 CCACCCCCAATGTATCAGTTGTGGATCTGACCTGCCGCTGGAGAAAGCTGCCAAATATGACGACATCAA  
 GAAGGTAGTGAAGCAGGCATCGGAGGGACCCCTCAAAGGCATCCTGGGCTACACTGAGGACCAGGTGGTC  
 TCCTGTGACTTCAACAGTGACACCCACTCTTCCACCTTCGACGCCGGGGCTGGCATTGCCCTCAATGACC  
 ACTTTGTCAAGCTCATTTCTGGTATGACAATGAATTTGGCTACAGCAACCGGGTGGTGGACCTCATGGT  
 CTACATGGCTCCAAGGAGTAA

>GBCA0237 |Acc|AF117714|Ver|AF117714.1 GI:6840917|Canis familiaris hematopoietic antigen  
 CD38 mRNA, complete cds.

TGCAAGTCTGATCAAGCTTGCTGGCCGAGGAACAAAGTGGACCCCATGGCCAACCACAGATTAGTTCCG  
 TGTCCGAGGAGAGAAACCCCTGCTGCGGCATTTCCAGAAAGGCCAGATCTGTCTCTGCGTCCTTTTTAT  
 TCTCCTGATTGTGGTGGGCATCGCGGTGCGGGTGGGATCCTGATGTGGCGCCAGCCGCCAAGCACAAAG  
 GAGTGGAAAGGGCCGGCACCCTGCCATTTTTACGAGATCCTCCTGGGACGGTGTACACGTACACTC  
 AAGTCGTGCGACCTGAGCAGCGACATACAGACTGCCAAAAGATAGGGAAGGCATTACAAAGTGCATTTCT  
 TTCGAAGGACCCTTGTGGCAGTACAGAACAGGACTATCGGCCACTAATGGAACGACAACCTCAAATTGTA  
 CCTTGTGACAAGACCGTCTTTTGGAGCAAATCAAGTGAGCTGGCGCATGACTACACGCGGGTCCAGCGGG  
 ATATGACACCCCTGGAGGATACACTGTTGGGTTACATGGCGGATGGCCTCAAGTGGTGTGGAGACACAAG  
 CTCTTCTGAAATGAAGTATCAATCTTGTCCACACTGGAGGGAAGACTGCAGCAATAACTCTGTTTCCGTA  
 TTCTGGAACACAGTGTCCAAAAGGTTTGCAGAAAGATGCCCTGTGGTGTGGTCCATGTGGTGTCAATGGGT  
 CCATCAGTAACACCTTTGATGAGAAAAGCACTTTTGGACGTGTGGAAGTCTTTAATTTGCATCCAGAGAA  
 GGTTCATACTCTAAAGGCCCTGGGTGATGCATAACATCGAAAGTGTCCCAGTGACTCATGCTCAAGTTCC  
 TCCGTGAATAATCTGAAACAGATTCTCAAGACAAGGAATATTATATTTATCTGCCAGAATAACTACAGGC  
 CTGTGAGGCTTCTTCAGTGTGTGAAAAATCCTGAGCACTCATCCTGCAAATATAACTTATGAGCCATTCA  
 CGGTGGTCTTTTGGATCTTTGAGCCTTGTATACATCAGCATGCGTGACTCAGGAGACATGCTGCTGGGA  
 AGCTGAGGACTTGGGGGGCATCTTCTGTATCCTGCCAACACTAGAGCTGGAAGTACTTCCCCAAAGAT  
 TTAATAAATACTTATATTATTGACATAGTTTTTTATTTTGAATTCCTAATACTCATGAAAAAATTATGGTA  
 TAAATTTAGAAATGAAGATTTTATATTAAGTTATTTTCATTTTCATAGGTGCTTTTATGTTGTTTA  
 TATGTTGGTAGCATCCTTTCTGTGGAGAGTGACCATAACCAACCTCTCTTATTTGGTGTAGATTATTAAGA  
 GAAACGTTTTTGAAGAAATTTTACATTTCTGAATAGTGACCTTGTCTCAGGATATATTTTGTACCTTTT  
 CTACAAAAATAGTTAAATATAAATGCCATGGTTATGGGTGATGTTGGGAAAAGAAATCTTGTAGGATATA  
 AACTACCCATGTAATTTACCTCCCCCTCTTCCAATAGTCCATGAGGTTGGTACTGTTATCTCCTGTTTG  
 TTAGATGAGAAATGGAAGTTTCAAGAGGATATGTAATTTGCCTAAAGTCATTTATTTAGTTCAAGGTAGA  
 GGCTGATTTTCAACTCAGCTCTATCTGACTCCAAAGTATATGTGCTCTCTTTCTAGGCCTGTAATACCAG  
 CTGACATGCTTTATGTTCTCTTCCAATAAATGCATGTTGGATTATATT

>GBCA0238 |Acc|AB021708|Ver|AB021708.1 GI:4589713|Canis familiaris mRNA for nicotinic  
 acetylcholine receptor alpha-subunit, complete cds.

AGCCATGGAGCCCTGCGCTCTCCTGCTGGGCTGCTCAGCTGGCGTCTGCTGGGCTCTGA  
 ACATGAGACCCGCTGGTGGCAAAGCTATTTGAAGATTACAACAGTGTGGTTCGGCCAGTGGGAAGACCAC  
 CGCCAGGCCGTGGAGGTACCGTGGGCTGCAGCTGATACAGCTCATCAACGTGGATGAAGTCAATCAGA

TTGTGACAACCAATGTGCGGCTGAAACAGCAATGGGTGGATTACAACCTAAAATGGAATCCAGAGGACTA  
TGGTGGCGTGAAAAAATTCACATTCCCTCGGAAAAGATCTGGCGCCAGACCTCGTTCTCTATAACAAT  
GCAGATGGTGACTTTGCCATTGTCAAGTTCACCAAAGTGCTCCTGGACTACACGGGCCACATCACATGGA  
CACCTCCGGCCATCTTCAAAGCTACTGTGAGATCATTTGTACCCACTTTCCCTTTGATGAACAGAACTG  
CAGCATGAAGTGGGCACCTGGACCTATGACGGCTCGGTGGTGGCCATTAAACCCGGAAGCGACAGCCC  
GACCTGAGCAACTTCATGGAAGTGGAGAGTGGGTGATCAAGGAGTCCCAGGGCTGGAAGCACTGGGTGT  
TTTATGCCCTGCTGCCCTCCACCCCTACCTGGACATCACCTACCACTTCGTTCATGCAGCGCCTGCCCTC  
CTACTTCATCGTCAACGTTCATTTCCCTGCCCTGCTCTCTCCTTCTTAACCGCCTGGTGTTCACCTC  
CCTACGGACTCAGGAGAGAAGATGACTCTAAGCATCTCTGTCTGTCTCTAACCGTGTTCCTCCTGG  
TCATCGTGGAGCTGATCCCTTCCACCTCCAGCGCCGTGCCCTTGATTGGGAAGTACATGCTGTTACCAT  
GGTGTGTTGTCATCGCGTCCATCATCACCGTTCATCGTTCATCAACACACACCACCGCTCCCCAGCACC  
CACGTTCATGCCGACTGGGTACGAAGGTTTTATCGACACTATCCCAAATATCATGTTCTTCTCCACAA  
TGAAAGACCATCCAGAGAAAAACAAGACAAAAAGATTTTACGGAAGACATTGACATTTCTGACATTTT  
TGGGAAGCCAGGGCCTCCACCCATGGGTTTTCCACTCTCCCTGATCAACATCCCGAGGTAAAAAGTGCC  
ATTGAAGGAGTCAAATACATCGCAGAGACGATGAAGTCAGACCAGGAGTCCAATAATGCGGCTGAGGAAT  
GGAAGTATGTTGCAATGGTGTGACCAACATCCTCCTTGGAGTCTTCATGCTCGTCTGTATCATTGGAAC  
CCTGGCTGTGTTTGCAGGTGACTCATTGAATTAATCTGCAAGGATGAC  
>GBCA0239 |Acc|AF035585|Ver|AF035585.1 GI:6649945|Canis familiaris transcription factor  
Pit-1 mRNA, complete cds.  
GTCTGCGCAGGCAGCGTGGACCGGCCCTTTGAAGCGGGGATAGAGTAACACTGACCCGGGCAGCAGCAGT  
TCTCCTCAGCCCTCTCGTGGGAATGAGCTGCCAACCTTTACTTCGGCTGACACCTTTCTACCCCTGAAT  
TCTGAGGCTTCTGCAGCCCTGCCCTCTGATCATGCACCCCGGCGCGGCCGAGTGCCTCCAGGCTCCAACC  
ACGCCAACCAAGTGGTGTCCACAGCAACAGGACTTCATTATTCTGTTCTTCTCCTGTCTATTATGGAACCA  
GCCATCTACCTATGGAGTTATGGCAGGTGGCCTGACCCCGTGTCTCTACAAGTTCCCGGAGCACGGCCTG  
GGCCCCGGCTTCCCCGCGCGCACCAGCCACTCCTCGCGGAGGGCCCCGCGGTGCGCGACTTCAAGCAGG  
AGCTCAGGCGGAGGAGCAAACTGGCTGAGGAGCCCGTAGACACGGAGTCTCCAGAAATCCGAGAGCTCGA  
GAAGTTCGCCAACGAATTCAAAGTGAGGAGAATCAAGCTAGGATACACCCAAACCAACGTGGGGGAAGCC  
CTGGCAGCTGTGCATGGCTCTGAATTCAGTCAAACGACTATCTGCCGATTTGAAAACCTGCAGCTCAGCT  
TTAAAAATGCTATGCAAACTAAAAGCAATCTTATCTAAATGGCTGGAGGAAGCTGAGCAAGTGGGAGCTTT  
ATACAATGAAAAAGTGGGAGCAAAATGAAAGAAAAAGGAAGCGAAGAACAACATAAGTATTGCTGCTAAG  
GATGCTCTGGAGAGACACTTTGGAGAACAGATAAACCTTCTCTCAAGAGATCATGCGAATGGCTGAAG  
AACTGAATCTTGAAGAAAGATGTAAGAGTTTGGTTTTGCAATCGAAGGCAGAGAGAAAAACGGGTGAA  
AACAAGTCTGAATCAGAGTTTATTTACTATTTCTAAGGAGCATCTTGAATGCAGATAAAATTTACTGTTG  
TATGGCAGTGAGTTTTTCTATTTTTCATCCCTTCTCTCTCCAACAAAAAACCCCGAGAAAGGAGTTA  
TTTGGCTGGCTTCAAAAATCATTTTATATCAGTAACCTTTTGCAGAGGCTTTTCTACTTTTTTTTTCTTA  
AAGAATACAATTTAAATATTGACAACTATTTTCTAATAAGTAATTTCTTTTCAAGAGCAACACGGTACAT  
TTTTAAGCCAAAGATACCAACAGGATTAAACAGTGATCCCTCTCAATCTCTCTCTCTCTCTCTCTATC  
TACAGACACACACATATACAGAGTGTCACATGGATCTTCTAGTTTAAAGATTTCTTTTCCAAAGGCTG  
TTTATTAGCTTTTAAACATTTTATGATAATGCCAAATAAAGATATCACTGTAGAAGATACAATCAGAA  
AACTGATTTAACCAGATCCTGCTTGCCATCAGCTAATAAGTTTGTGGAACTAAATAGTTTGCACCTA  
AGAGCAAGATGTGCCCTTTGAATTACATTAGTGCATTTAGGAATAAATCTTAGAGGCGACATTTTTATCTT  
TTATTTCTCCACAGATTTAGCTTTTTTGTGATGTTTATGACAGACAATATGCATTATGGATTCTTGAACC  
CTAAACTACCACAGTGCAGGAATGATTATCTGGCCTGTTGCTGTTTCATGTTGTTTATGCCTGGGAAAG  
TGTTTGTCTCCTGGTGGGCATGCAGTCTTAGTTAAATGAACAAAGGACTGTGCTGTTAACAATTGCTACTT  
ACTACTTGAAAGGTGCCTAACTTAGTAAGTCTCACAAACCAGAAAATCATCCGGGATCCTATCAAAAGG  
ACGATCACTTTGGTTTTAATTTGGTTAGATTATGATTTATGTTGATGAAAAAGTTTGACCATGAGTATTTA  
AAGTTGGAGAAATATATCCAGGGAACATATTTATTTAACTAATAAGGCATTTCTTTGAAATTTGCAAGTA  
GAAGCAAACTAATACAGTGGTATCAATCTAAGAGAACTTTTTTTTGCATTTAAATAACATAAATTTGGTGG  
CACTGTGTTTGTAACTTATTTTACATAACAGAAGTGAAAACAATTAGACCAAATTTCTATTACTGATTTAG  
AATGCTTACTAAATAAATTTACTGTCTGTTTGTAGCTTTCTGTGAGATTAATAAAGACCAAGAATTATA  
CAGGTCAATATCTCTATAGATCATAGGTGTTTATGCATGCATAATCACCATTAAATGGATGGCTAGAAAC  
TTTGATATGTTATATAAGAGATCGTTTGCAGTACCTTAATCACCTATGCTTAAGTACACATCTAGCAC  
CCAGGAGAGGTTGAACAAAAATATACAAAGACTTTTATTTATCCAAGAGTAAATTCCAAATTTATTCAGCCAT  
GTAGATATATAAATTCCTTCTCTGTAATTAATTCACCTGCTTACTACATACATAATTGGGAAGTGATCC  
TTCAGTTTGCAAAAGGAGGATAGGATGTGTAGTTGTACAGATATACATTTATTTACATACGCAAAATG  
CACATATGTTATCTGAAGTTGCAAGAGAGAAACAAAGTATAATGCACAATAAATATTTGAATAGTGACTT  
TTTTCCACTTTAAATATGAATCTGCTAGGAACATTTAGTCTTTCTACAACAAAAATAAGCATGTACATAT

GCTAATATCATCATCACATAGACACGATCATCATCCTATCATTCATTCCATAAGGTCATTCCAGTTTAGA  
TACAACCTAACATTAGGAAGTTATTTTCTCCCTAAAAGGAATTATTTTGAATCCTTAATTTTGAAATATG  
AAATCTTTTAGTTATTTACAACCTAATTTGTAAATGCACCTGGTATTTACTATTAACTTATTTGTATTGAGTT  
TTTTGAGACTATTTATTCTAGCTACATTTATTTTAGTAGATATAGATTGAAGTTTTT  
>GBCA0240 |Acc|AJ243344|Ver|AJ243344.1 GI:6687229|Canis familiaris mRNA for potassium  
channel (CERG gene).  
GCGGGGACGCGCGGAGCAGGGCCCGTGTCTCGGCGGGGGCCGGCAGACAGGTGTGCGGGCGGCCGGGCCG  
GCCCCGAGCTCAGGCGGCTCCAGGCCCCGCGCGGTGAGGAGCCGGGAGCCGAGCGGGGACCCCGCGCCCC  
GCAACCTAGTCCCGGCCCCGCCCCGTGCTCTGCTTGCGCCGCGGGGTGCGGGGATCACGGCCGGGCCGGGCC  
ACCCGAAGCCTGTGTTGGGCGGGGCCGGGCCGGGGTGGGTGGGGGCCCCGCCCCGCCCCATGGGCTCA  
GGATGCCGGGTGCGGAGGGGCCATGTGCGCGCCGAGAACACCTTCCTGGACACCATCATCCGCAAGTTTGA  
GGGCCAGAGCCGCAAGTTCATCATCGCCAACGCTCGGGTGGAGAACTGCGCCGTCTACTGCAACGAC  
GGCTTCTGCGAGCTGTGCGGCTACTCGCGGGCCGAGGTGATGCAGCGGCCCTGCACCTGCGACTTCCTGC  
ACGGGCCGCGCACGACGCGCCGTGCGGCCGCGCAGATCGCGCAGGCCCCTGCTGGGCGCGGAGGAGCGCAA  
AGTGGAGATCGCCTTCTACCGGAAGGATGGGAGCTGCTTCCTGTGCTGGTGGATGTGGTGCCCGTGAAG  
AACGAAGATGGAGCTGTCTCATGTTCATCCTCAACTTTGAGGTGGTGGTGGAAAGGACATGGTGGGGT  
CCCCGACCCATGACACCAATCACCGTGGTCCCCCACCAGCTGGTTGGCCCCAGGCCGAGCCAAGACCTT  
CCGCTTGAAGCTGCTGCGCTGCTGGCCTTGACCACCCGGGAGTCTCAGCGCGGCCAGGAGGTGTAGGC  
AGTGGGGCGCCCGGGGGCCGTGGTGGTGGATGTGGACCTGTACCTGCGGTGCCAGCCGCGCAATCGC  
TGGCCCTGGATGAGGTGACGGCCATGGACAATCACGTGGCAGGGCTGGGGCCGATGGAGGAGCAGCGTGC  
GCTGGTGGGCTCCAGCTCCCCACCTGCCGGTGCACCTGAGCCACTCCCGTACCCCCGAGCACACAGCCTC  
AACCTTGATGCCTCAGGCTCCAGCTGCAGCCTGGCCCCGACGCGCTCCCGGGAGAGCTGCGCCAGCGTGC  
GCCGGCCCTCCTCAGCTGATGACATCGAGGCCATGCGTGCAGGGCTGCCCCCGCCACCTCGCCACGCCAC  
CACCGGGGCCATGCACCCCTGCGCGGGCGGCTGCTTAACCTCCACGTGAGTTCCGACCTTGTGCGCTAT  
CGTACCATTAGCAAGATTCCCCAAATCACCTCAACTTTGTGGACCTCAAGGGGGACCTTTCTGGCTT  
CACCCACAGTGACCGGGAGATCATAGCACCAAGATAAAGGAGCGGACCCACAATGTCACTGAGAAGGT  
CACCCAGGCTCCTGCTCCTGGGAGCTGATGTGCTGCCAGAGTATAAGCTGCAGGCACACGCATCCACCGC  
TGGACCATCCTCCACTACAGCCCCCTCAAGGCAGTGTGGGACTGGCTCATCCTGCTGCTGGTTCATCTACA  
CAGCTGTCTTACACCCCTACTCGGCCGCTTCTGCTGAAGGAGACAGAGGAGGGCCCCCGGCCCGCGA  
CTGTGGCTATGCTGCCAGCCCCCTGGCTGTGGTGGACTTCATCGTGGACATCATGTTTATTGTGGACATC  
CTCATCAACTTCCGCAACCACTATGTCAATGCCAACGAGGAGGTGGTGCAGCCATCCTGGCCGCTATGCTG  
TCCACTACTTCAAGGGCTGGTTTCTCATTGATATGGTGGCTGCCATCCCCTTCGACTTGTCTATCTTTGG  
CTCTGGCTCTGAGGAGCTGATCGGGCTGCTGAAGACAGCGCGGCTGCTGCGGCTGGTACGCGTGGCAAGG  
AAGCTGGACCGCTACTCAGAGTATGGGGCGGCTGTGCTCTTCTGCTCATGTGCACCTTCGCGCTCATTG  
CACACTGGCTGGCTGCTGATGCTGATGCCATTGCCAATGAGAGCAGCGCACATGAGTCCCGCATCGG  
TTGGCTGCACAACCTGGGGGATCAGATCGGCAAGCCCTACAACAGTAGTGGCCTGGGTGGCCCCCTCCATC  
AAGGACAAGTATGTCACGGCCCTTACTTACCTTCAGCAGCCTCACCAGTGTGGGCTTTGGCAATGTCT  
CCCCAACACCAACTCGGAAAAGATCTTCTCCATCTGTGTCATGCTCATCGGCTCCCTCATGTACGCCAG  
CATCTTCGGCAACGTGTGAGCCATCATCCAGAGGCTGTACTCGGGCACTGCCCGTACCACACGCAGATG  
CTTCGGGTGCGGGAGTTCATCCGCTTCCACCAATCCCCAACCCCTTGCGCCAGCGCTGGAGGAGTATT  
TCCAGCACGCCCTGGTCTACACCAATGGCATCGATATGAACGCGGTGCTGAAAGGCTTTCCCGAGTGCCT  
ACAGGCGGACATCTGTCTGCACCTGAACCGCTCGCTGCTACAGCACTGCAAGCCTTTCGAGGGGGCCACC  
AAGGGTGCTGCTGAGGGCCCTGGCCATGAAGTTCAAGACAACATGACACCGCCAGGGGACACGCTGGTGC  
ATGCTGGGGACCTGCTACCGCCCTTACTTTCATCTCCCGGGGCTCCATCGAGATCCTGCGGGGGACCGT  
CGTCTGGGCCATCCTGGGGAAGAATGACATCTTTGGAGAGCCTTTGAACCTGTATGCTCGGCCTGGCAAG  
TCCAACGGGGACGTGCGGGCCCTCACCTACTGTGACCTACACAAGATCCACCGGACGACCTGCTGGAGG  
TGCTGGACATGTACCTGAGTTCTCTGACCACTTCTGGTCCAGCTGGAGATCACCTTCAACCTTCGGGA  
TACCAACATGATCCCTGGATCTCCCGGCAGCGCGGAGCTGGAGGGCGGCTTCAACAGACAGCGCAAGCC  
AAGCTGTCTTCCGCAAGGCGCACCGACAGGGACCCGGAACGCCAGGGGAGGTGTGCGCCTTGGGGCCCG  
GCCGGGCGGGGCGAGGGCCGAGTGGCCGAGGCGCGCCAGGGGGGCGGTGGGGGGAGAGCCCATCCAGTGG  
CCCCTCCAGCCCGGAGAGCATGTAGGATGAGGGCCAGGCGCAGCTCCAGCCCCCTCCGCTGGTGCC  
TTCTCCAGCCCCAGGCCCCCGGAGAGCCACCGGGTGGGGAGCCCCCTGACGGAGGATGGTGAGAAGACA  
GCGACACCTGTAAACCGCTGTGAGGCGCCTTCTCTGGAGTGTCCAACATCTTCAGCTTCTGGGGGGACAG  
TCGGGGGCCACCACTACAGGAGCTGCCTCGCTGCCCTGCCCCACCCCTAGCCTCCTGAACATCCCCCTC  
TCCAGCCCATGCGGCGGCGGCGGACGCTGGAGGCGAGGCTGGATGCTCTCCAGAGGCAACTCAACA  
GGCTGGAGACCCGCTGAGTGCAGACATGGCCACTGTCTGACGCTGCTGCAGAGGCAGATGACGCTGAT  
CCCACCTGCTTACAGTGTGTGACCACCCCGGGGCTGGGCCACCTCCACCTCCTCTGCTGCTGCTGCT



AGCCCCATCCCCACCCTCACCTGGACTCGCTTTCTCAGGTTTCCAGTTCATGGCGTTCGAGGAGCTCC  
CCCCGGGGGGCCCCAGAGCTCCCCAAGACGGCCCCCTCGACGCCTCTCCCTACCGGGCCAGCTGGGGGC  
CCTCACCTCCCAGCCTCTGCACAGACATGGCTCAGACCCAGGCAGTTAGTGGGGCTGCCTGGTGTGGACA  
TGTGGCTCACCCAGGGTTTCAGCGCACTGCCTGGGGCCCTCCCCTCAGAGGCCCTGCCCCGGGAGGCCCTGG  
CCGAGACAGGGGAGAGGACCAAGGACCGTGAAGGCATAGCCCCCTCCCC  
>GBCA0241 |Acc|AF211257|Ver|AF211257.1 GI:6671356|Canis familiaris fibroblast growth  
factor receptor 2 (FGFR2) mRNA, complete cds.  
GGCTGCAGCGGCTGCGCCAGACCTTGGCTCCGTAGCCACCCGAGCTGGAGGCGTTGCTGGCGGTCCATG  
CTCGCAGAGGAGGTGTGCAGATGGGAGTGACGTCCACATGGAGATACGGAAGAGGACGGGGGATTGGCAC  
CGCGCGCCATGGTCAGCTGGGCGGCTTCGTCTGCCTGGCCGCGGTACCATGGCAACCTTGTCCCTGG  
CCCCGGCCCTCCTTCAATTTAGTGGAGGACACCACGTTAGAGCCGGAAGGGGCGCCTTACTGGACCAACAC  
AGAAAAGATGGAAGAGCGTCTGCACGCTGTCCCTGCGGCCAATACTGTCAAGTTTCGCTGTCCAGCTGGG  
GGGAATCCAAACCAACTATGAGGTGGCTGAAGAACGGAAGGAGTTTAAGCAGGAACATCGCATTTGGAG  
GCTATAAGGTACGAACACGACTGGAGCCTTATTATGGAGAGCGTGGTCCCATCCGACAAAGGAAATTA  
CACCTGTGTGGTAGAGAATGAGTATGGCTCCATTAAACACAGTACCACCTCGACGTCGTCGAGCGATCG  
CCACACCGGCCATCCTCCAAGCTGGGCTGCCGGCAAATCGCTCCACCGTGGTCGGAGGCGATGTGGAGT  
TTGTCTGCAAGTTTACAGCGATGCCAGCCCCACATTCAGTGGATCAAACACGTAGAAAAGAACGGGAG  
CAAAATACGGGCCCCGATGGGTTCGGTACCTCAAGTTTCTCAAGCACTCGGAATAAATAGTTCCAATGCA  
GAAGTGTGCTGCTGTTCAATGTGACTGAGGAGGATGCTGGGGAGTATATATGTAAGGTCTCCAATATA  
TAGGGCAGGCCAACAGTCTGCCTGGCTCACTGTCTGCTGCCAAAACAGCAAGCTCCTGTAAGAGAAAAGGA  
GATTACGGCTTCCCCAGACTACCTGGAGATAGCCATTTACTGCATAGGGGTCTTCTTAATTGCCGTGTATG  
GTGGTGACAGTCACTCTGTGCGGAATGAAGACACAACCAAGAAGCCAGACTTCAGCAGCCAGCCAGCTG  
TGCACAAGTGTACCAAGCGCATCCCTTGGCGGAGACAGGTAACAGTGTCTGCTGAGTCCAGCTCCTAT  
GAACCTCAACACTCCGCTGGTGGAGATAACCACGCGCCTCTCCTCAACAGCAGACACCCCCATGCTGGCA  
GGGGTCTCCGAGTATGAAGTCCCGGAAGATCCAAAGTGGGAGTTTCCAGAGATAAGCTGACGCTGGGCA  
AACCTCTGGGGGAAGGTTGCTTTGGGCAAGTGGTCAATGGCCGAAGCGGTGGGAATTGACAAAGAGAAGCC  
CAAGGAAGCAGTCACGGTGGCGGTGAAGATGTTGAAAGACGATGCCACAGAGAAAGATCTTTCTGATCTA  
GTGTGTCAGAGATGGAGATGATGAAGATGATTGGAACACAAAAATATCATAAATCTCCTTGGAGCCTGTA  
CTCAGGATGGCCCACTCTACGTCATTTGTGGAGTATGCCTCGAAAGGCAACCTCCGTGAATACCTCCGAGC  
CCGAGGCGCGCTGGGATGGAGTATTCCTATGACATTAACCGCGTTCTCTGAGGAGCAGATGACCTTTAAG  
GACTTGGTGTGCTGTACCTACCAGCTGGCGAGAGGCATGGAGTACTTGGCTTCCAGAAATGTATTCATC  
GGGATTTAGCAGCCAGAAATGTTTGGTAACAGAAAACAATGTGATGAAATAGCAGACTTTGGACTGGC  
CAGAGATATCAACAATATAGACTATTACAAAAGACCAAAATGGGCGACTTCCGGTCAAGTGGATGGCT  
CCAGAAGCCCTTTTCGATCGAGTGTACACCCATCAGAGTGACGTTTGGTCCTTCGGGGTGTAAATGTGGG  
AGATCTTCACGCTGGGGGGCTCACCATACCCAGGGAATCCGGTGGAGGAACATATTTAAGCTGCTCAAGGA  
GGGGCACAGGATGGACAAGCCAGCAAACTGCACCAATGAAGTGTATATGATGATGAGGGACTGTTGGCAT  
GCTGTGCCCTCACAGAGGCCGACGTTCAAGCAGTTGGTAGAGGACTTGGATCGGATTCTCACTCTCACAA  
CCAATGAGGAATACTTGGACCTCAGTCAGCCTCTCGAACAGTATTACCTAGTTATCCTGACACAAGGAG  
TTCGTGTTCTTCAGGAGACGATTCTGTTTTCTCTCCAGACCCCATGCCTTACGAACCATGCCTTCCTCAG  
TATCCACATGTAAACGGCAGTGTAAACATGAATGAGCTTGTCTTCTGTCCCCACACGGGACAGCACC  
AGGGACCTAGCCACACTGAGCAACGGGGCCAGGCCTCCAAGGCCGGTTGCGTCCGCTTGTATATATGGAT  
CAGAGGAGTAAATAATTGGAAGTAATCGGCACACGTTGTAAGAATTTATACGGTTGGAAACTTATAAT  
CTTCACCAGGAGAAGAAGAATGTTTCTGGGGCAATGGACTGCCATGGGCCACCACGCGCCCATGACCCGC  
TGTGGGTACTGGCTGTGGACCAGCTGGACTCAAGGCAAACCTACTTTCTTGCCTTCCTTGTGAATTTTGT  
ATAAATTGGAGAAAATATATGTCAGCACACACTTACAGAGCACAATTGCAGTATATAGGTGCTGGATGTA  
TGTAATAATATATCAAATATGTAATAATATATATATATTTACAAGGAATATTTTTTGTATTGATT  
TTAAATGGATGTCCAGTGCACCTAGAAAATCGGCTCTCTTTTTGTTTTTAATAGCTATTTGCTAAATGC  
TGTTCTTACACAGAATTTCTTAATTTTACCGAGCAGGGGTGGAAGAGTACTTTTGCTTTTCAGGGAAAAA  
AAAATGGTATAACGTTAATTTATTAATGAATTGGTAATATACAAAACAATTAATCATTTATAGTTTTTGT  
TTTGTTTTTATTTTGAATTTAAGCGGCATTTCTATGCGGCAGCACATCGGACTAGTTAATCTGTTGCT  
TGGACCTTAAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT  
TGAAGTTTTGATTTATTTGTTTAACTCTGCTGTGATGATTGTTCTTCTGCCACAAAATGCCAGTAG  
TAAACAAACCCATCGATAGGAAAGTATTTTGTGTTTGTGTCAGCTCTGTCAATGGGCCCATGGAGCGCG  
GAACCTGGACTTCCCAAGACAAATGGTACCAGCGTTCTCTTAAAGAGATGCCCTAATCCATTCCTCGAGGG  
TGGACCTTAGTTAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG  
TTAATCAGATTAGCCTGTATTCTCTCAGTGGATTTTGATAATGGCTTCCAGATTCAATGGCGTTAGGGA  
AGCCTTTTGAATCTTCACGTGTATCGTCGAATTGAAACACTGAGTTGTTCTGCTGATGTTTTGGAG

[illegible]



TCCTCTGTGAGGGTCAGTACGAAAATGGTGGCTTGGTGTGCTGACAACAATGAGCAGACCAACTCAAAAT  
TTGGAAGATTAGGAATGATGGAGATAGAACCAGCTCTGAGTCTGGAGCCACTTCTATCTGGGCTGCTGC  
TAATCTGAGGAAGATCCACCTGCCTAACAGCTATGGATAAGCCTTAGCAGGGAGCTTTGTGAAGCAG  
GAAAGCACTATGCACCTGTGAACCCTACTTCTCTTCTTGAAAAAATGGCTGAGATGATGGCTCAGGGCAA  
CTGTTCAAGAGCCAACCTGAGAGATCACAATACTTAAAGAGAAAAAGAAAAAGAAAAAGAAAAAGAAAAA  
AAAAAA

>GBCA0244 |Acc|AF106824|Ver|AF106824.1 GI:6572512|Canis familiaris B7-1 protein precursor  
(CD80) mRNA, complete cds.

GTGCTTTGTCTAGCCACACTCTCTGAGGTGGCTGACAAAAAGGGACAGCAGAACCAGCTTCCTCAAGTT  
ATACATAACATCTACACATCCCCTGCTTTGACTTAAATACTGCTGGTAATGAACATCAGCTAGATCTTCC  
AGCGAGTAAAAGGAAGTTGAAAGGGGATTGCCTCTGGTATATCACCCAAAGAAAAGCTGAGCAACTTGC  
CATTATTTTGGAGACAGCAAGAAAGGAACATCTCAGAACTGGGGCCTCATCCTTTGACGTTTGTGTTTGT  
TTTGTCTTAACACAAGAAAAAGAGGAGTTATCCTTCAGCAGCAGAAGCCATGGATTACACAGC  
GAAGTGGAGAACACCACCACTCAAACACCCATATCTCAAGGTCTCTCAGCTCTTGGTGTCTAGCTAGTCTC  
TTTTACTTCTGTTTCAGGCATCATCCAGGTGAACAAGCAGTGAAGAAGTAGCAGTACTGTCCCTGTGATT  
ACAACATTTCCACTACAGAACTGATGAAGTTCGAATCTATTGGCAAAGGATGATGAAGTGGTGTCTGGC  
TGTCACATCTGGACAAACGAAAGTGTGGTCCAAGTATGAGAATCGCACCTTTGCTGACTTCACCAATAAC  
CTCTCCATCGTGATTATGGCTCTGCGCCTGTGAGACAATGGCAAATACACCTGTATCGTTCAAAAGACTG  
AAAAAGGTCTTACAAAGTGAACACATGACTTCGGTGATGTTATTGGTCAGAGTGAATTCCTGTCCC  
TAGTATAACTGACCTTGAAATCCATCCCATGACATCAAAAGGATAATGTGTTCAACCTCTGGAGGTTTT  
CCAAAGCCTCACCTCTCCTGGTGGGAAAATGAAGAAGATTGAATGCTGCCAACACAACAGTTTCCCAAG  
ACCCGGACACTGAGTTGTACACTATTAGTAGTGAAGTGGATTTCAATATAACAAGCAACCATAGCTTTGT  
GTGCTTTGTCAAGTATGGAGACTTAACAGTATCAGAGTCTTCAACTGGCAAAAATCAGTCGAGCCACAC  
CCTCCCAATAACAGCAACAGCTCTGGGTCTGCTGATCTTAGTAGTAAGTGGTGTGATTGCTGTGATCA  
CTGCCATTACAGGAGGCTGCCCTAGCCACAGATCTGCTGCAAGATGGAGACAGAGAAATAGGAACAAAGA  
GGACATGGACCTGGAAAAGATGTCCCCTATAAACAATAGGATCTGCCCAAGCATCTGTATGAGCAGAACAT  
CTGGAGGTCCACCTCCATCTTAGATTGACCTCATCTTTGAATTTCTCAGATGGCCAGGATTATCCAC  
CTTGCACTTCATGCATCTGTTCTTAGGAGCCTGTTCAATTCAGTGGCCCTGCAGAAAGTGACCAGAGGA  
ATATGGTGGGGACATAAGTAGCTCTCTGGTAGCCTTGGTCAAAGAATTGTTTCAGGCCCTGGGAAGAGACAT  
TCGGAAAATACTTGTCTCATTAAATGACAAGGACATCAAGGCCTAGGGGGTGACCTGAATGATAAAGGTCT  
GAGCTAGAACCAGATTTCCTGTCTCGGGTGTCTTTTCCATCAGTAGTCCGGCTCTGTGCTATTAACTG  
GTGTTACAGGTGTACACACCAGTCAAATGCTCTGGAAAAAGAGTATGTCCAATGTGAGGTCAACTTC  
AGAGACTTCATCTGATGCAACACTAGAAGGTTTTGTGTTGCTGTCAAAGCAATCTGATGCTAATGTGTG  
GTAGTATGATGTTATATATACCAATATGAGAATGATGGAAAAATTACTGGGGTTTACTCAGTATCTCATC  
TTTCATTGTGTTCTCCTCTGTTGCTTTCCCACTTCCCATCAGGTTCTGGAGAAAGTAGATCTATCCAAA  
ACTAATATCTGCTGACATGTAAGATGAATGATATATACCTCAAAGCGATAGTCACGTTGGAGAGGGAT  
AGGTTGGTTTAGAGAGTCAATCCTACTGGTTTCAATTTGAGTGAATCTCCTTAATGGCTTTATGCTA  
GTTTAAACTCAATTTATAAAACATGAGAAAGTTCTCATTTAAATGAGATAGGTTTAAATGTATATTACT  
AAACAGATATTACTAAACAGTAGCTGTCCCTAGAATTTGATTGAGGTAATGAAAATAGCATTCCATAGGG  
TTTCCCTAGATTCTCAAGTTGCTCTTCCCTCTGGTATTTCTGATCCTTCTGACATCAGCAGAGAATTA  
AAAATAAAGAAGTGCCCAACTGCCGTTCCTGTGTCACTTACTCATGATTCTTTCTCTGAAGTTGTCTTC  
CATAACTCAGTGGACCTGGAGGTAGACCTGACTGGAGGAATCAGACATTCTCATTTGAAAATTTGACGTT  
GGACAGCAAGTTGGCCAAGTTTCTCACATGTAGCTGGGTTTACAATGTTTAAATTTTGGCAGCTATCAAGG  
GACCAGATTATGCTATATAGTCTAAGGAGCAGAAGTACAGTTTAAATGGTTGCCCTCAGAACAAAATCA  
CTGAAAGAAATAAAAGTTGGAGACTGACCTGAACCTCAAAGCAAAGAAACAAAAAATGGGAACCTGCTGC  
ATTTAATTAATAAATAATCCTTAGACATGCTCAAAGGAGACCTCAAGAAGTAATCAAAAAATAGGAC  
ACATCTAGGAGACAGCTTATTTATACTTAAATAAATTATATTACATTACTTATTACATTGATAAATGT  
GTTGGTACTATTTTCCAAAGAATTATACTTTTATTGATATTTTGTGATATGAATAAATATTATTTTAA  
ACCAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0245 |Acc|AF137068|Ver|AF137068.1 GI:6492288|Canis familiaris cubilin (CUBN) mRNA,  
complete cds.

CTTTCTCTGAAATTCACACTTGGCTGGAGTGGCTTCCCTCTTACCAACACCCTAGGAGGGTTGCTGCGG  
AGCATGTCTCACCTTTTCTTTGGAGTTTGATTATTTTGTGACATTTGCTGAATCAAATGGCGAAGCTG  
GAGGATTTGAACTGCAGAGACAAAAAGAGTATCGACTTCCAACAGCCTCGAATGGCTACAGAGAGGGG  
AAATTTAGTGTTCCTTGTGGGTCTGCTCAAAACATTGAATTTAGAAGTGGATCCCTGGGAAAAATAAAA  
TTAAATGAGGAAGACCTTGGTGAATGCTTACATCAGATCCAGAAAAACAAAGAGGATATTACAGATTTAA  
AAAGGAGTGCAGTCAATGTGCCTCAAATATTTCAAGTCAAATCCATCAGCTTAATCTAAGCTTGTGGA

TCTGGAGAGAAAAATTTCAAAGCTTACAGCAGACAGTTGACAAAAAGGTTTGCAGTAGCAACCCCTGCCAA  
AATGGGGGAACCTGCCTCAATCTCCATGATTCTTTTTCTGTATCTGTCCCTCACAATGGAAGGGCCCTC  
TGTGCTCAGTTGATGTGAATGAATGTCAGATTTACTCAGGAACACCCCTTGGGCTGCCAGAATGGAGCCAC  
ATGTGAAAATACAGCAGGGAGTTACAGTTGTCTCTGCTCACCTGAGACACACGGCCCCCAGTGTGCATCA  
AAATATGATGACTGTGAAGGGGGCTCCAAGGCACTGTGTGCCATGGCATCTGTGAGGATCTAGTCCGAG  
TGAAGGCTGATGAGCCCAAGTACAACATGCATCTGCGATGCTGGGTGGACATCCCCACTGAATAGCTCAGC  
CTGCGTGTGGACATAGACGAGTGCAATCTCCAGCATGCACCATGTTTACCTCTTGTGCAGTGCTTCAAC  
ACACAAGGTTCTTTCTACTGTGGGGCTGCCCCGACAGGCTGGCAAGGAAATGGATATAGTTGCCAAGATA  
TCGATGAATGCAAGATAAATAATGGCGGTTGTTCTGTGGTCCCACCTGTCTGTGTGTGAATACACTTGG  
GTCTTACCCTGTCAAGCGTGTCCACAGGGTACCAAGGCGATGGCAGAGTGTGCACAGTCATCGATATC  
TGCTCAGTCAATAATGGAGGCTGCCACCCAGAAGCATGCTCCTCAGTTCAGGTTTCGTTACCTCTCT  
GCCTTGTCTCCCCGGGTATACTGGAATGTTATGGGCCAAATGGATGCGCGCAACTCAGTGATATTTG  
CCTGAGCCACCCCTGTTAAATGGCCAGTGCATTGAAACAGTCTCTGGTTATCTTTGTAAGTGTGAATCA  
GGTTGGGCTGGCATCAACTGTACAGAAAATATAAATGAGTGTCTCAGCAACCCCTGCTTAAATGGAGGAA  
CTTGTGTTGATGGTGTAAATGCCTTTAGTTGTGAATGCACAGTCTTGGACTGGATTCCTCTGTGAGAT  
TCCCCAACAGTTTGTGGAGGGTCCCTCTCGGGGATGGATGGAAGCTTCAGCTATATGAGCCCTGATGTT  
GGTTATGTCCATGATGTCAACTGCTTCTGGGTTATCCGAAGTGAAGATAGAAAGGTATTCGCTATCACTT  
TCACCTTTTTCCAGTTAGAATCAGTGAACAATTTGTCCACATGAGTTTCTTCAGATTCATGATGGAGATTC  
CTCTGCAGCACTTCAACTTGGAAAGTTCTGTGGCTCTGTTCTCCCTCATGAACCTTCTCAGTAGTAACAAT  
GCTCTCTATTTTCTCTATTTCTGAACATTTTCAAGAGTGGGAGAGGTTTTACAATAAGATGGGAAACAC  
AGCAACCAGAGTGTGGAGGTATACTGATGGGTACTTATGGTCTATTAAGTCTCCGGGATATCCTGGAAA  
CTATCCTCCAGGAAGAGATTGTGTCTGGCAAGTTGTAACCAAGTCTGACCTCTTGATAACGTTTACTTTT  
GGGACCTTGAGTCTGGAGCACCATGATGACTGCAGCAAGATTATCTTGAGATTCGAGATGGTCTTTGT  
ATCAGGACCCCAAGTCTTGGGAAATTTCTGCACCATCTCTCTGTCCCACCACTCCAGACTACAGGTCCCTT  
TGCCAGAGTTCAATTTCCATTCTGACAACCAGATTAATGACCAAGGCTTCCACATCACCTACTTAACATCG  
CCTTCGGATTTGCATTGTGGAGGAACTACACAGACCCAGAGGGTCTTCTGTCTTCTGACTTGTCTGGAC  
CTTTCACTCACAACAGACAATGCATCTATATTAAAGCAGCCCTGGGAGAACAATAACAGGTCAACTT  
CACCATGTGGAGCTGGAAGGCCAGAGCAGCTGTTCTCAGAGTCACATTGAGGTCCGAGATGATAAAATC  
TTACTTGGAAAAGTATGTGACAATGAACCCCTCCCTCACATTAATCCATTAGGAACCATATATGGATCA  
GGCTTAAATAGATGCTTCTTGTGAAGAGCTAGTTTTCAGAGCTGTTTATCAAGTTGCTTGTGGAGGAGA  
ATTAAGTGGAGAAGGAGTCATTGCTCACCTTTTTATCCTAACGTGTATCCAGGAGAAAGAACTGTCAGG  
TGGACCATTCACAGCCCCAAAGCCAAGTAGTTATTCTCAACTTCAGTGCCTTTGGAAATGAAAGTTCTG  
CCCACTGTGATACAGATTATATTGAGATTGGTAGCAGTTCCATTTTGGGTTCTCCTGAAAATAAAAAATA  
TTGTGGCACAGACATACCTTTGTTTATAACATCTGTGTACAATTTCTTTATGTATATTCGTGAAAAGT  
TCTTCTACTGAAAATCATGGTTTCATGGCTAAATTCAGTGTGTCAGATTTGGCATGTGGAGAAATTCCTTA  
CAGAGCAATCAGGAATCATCAAGTCCCTGGCCAAATATCTACCCTCATGGGATCAACTGACCTG  
GCATATATTAGTCCAACCTGGCCACCTAATTCATTTGATATTTCAGGAAATTTTATCTGGAGTTTCATTAC  
AATTCACAAATGACTATTTTGAAGTTTATGACACTGGTTCTAATACATATCTTGGGAGATATTGTGGGA  
AATCAATCCCACCTCTCTTACCAGTAGTACCAACTCATTAAAGCTTATATTTGTGGCTGACTCTGACCT  
CGCTTATGAAGGCTTTTTAATAAAGTATGAAGCAACTGATGCATCATCAGCATGCATGGAAGACTACACA  
GAAAACCTCTGGGACTTTTACTTCTCCAACTTCCCCAATAATTACCCCAACAATTGGAAATGCATTTATA  
GGATCACAGTGGAAACCAGCCAACAGATTGCATTACACTTCACAAATTTTCGCTTTGGAGGAGGCCATTGG  
TGGACAGTGTGTAGCAGATTTTGTGGAAATCAGAGATGGAGGCTATGAAACTTCACCACCCCTGGGAACA  
TACTGTGGCTCAATTCACCTCCAAGAATCATCTCTCACAGTAACAACTATGGTTACAATTTACAAGTG  
ACTTCTGGGCTCAGGGCTGGATTCTCAGCTTACTGGGATGGATCATTAACAGGTTGTGGGGTAAATAT  
CACGACTCCCCTGGCGTGTTCACGCTCTCCAGCTATCCAATGCCCTATTACCACAGCTCTGAATGCTAT  
TGGTTGTTGAAAGCCAGCCAGGCGAGCCATTTGAACTGGAATTTGAAGACTTTCACTTGGAGCATCACC  
CAAAGTCACTTATGATATCTGGCTGTATATGATGGCCCAAGTACCAGCTCTCACTTGCTAAGTCAAGCT  
TTGTGGGAATGAAAACCGCTGTCTATCCGTTCTACTGGAGACAGCATGTTTTTAAATTCAGGACAGAT  
GAAGATCAACAAGGAGGTGGCTTCTTAGCCAAATACCAACAGACATGTAGGAATGTAGTAATGTAAACC  
GAAACTATGGCATCCTAGAGAGTATACATTATCCAAATCCCTATTCTGACAATCAGCGTTGCAACTGGAC  
CATCCAGGCAACAACCTGGCAACCGGTGAATTACACATTTTTTGGCATTTGAATTTGAAAATCACATAAAC  
TGCTCTACAGACTATTTAGAGCTCTATGACGGCCCCAGGCGGATGGGACGCTACTGTGGAGCAGATATGC  
CGCTACAGGGAGCACCACAGGCTCCAAGCTTCAAGTGTCTTCTTACACTGATGGTGTGGTCAACAGGA  
GAAAGGATTTCAAATGCAGTGGTTTCAATCATGGTTGTGGTGGTGAATTTGTCTGGGACCACAGGATCCTTC  
AGCAGCCCTGGATACCTTAACACATATCCACCAACAGGAGTGTATCTGGTACATTACCACAGCCCTG  
GAAGTAGCATTACAGCTCACCATCCATGACTTTGATGTAGAGTATCATGCAAGATGCAACTTTGACGTCCT

GGAGGTTTATGGAGGTCCTGATTTCCACTCTCCCCGAATAACCCAGTTGTGCTCCCAAAGATCATCTGAG  
AATCCCATGCAAGTCTCCAGCACCAGGAAATGAGCTAGCCATCCGCTTTAAGACCGACAGCTCTATAAACG  
GGAGAGGCTTCAATGCCTCATGGCAGGCAGTCCCCGAGGTTGTGGCGGGATTTTCCAGGCTCCCAATGG  
AGAGATTCAATTCCTCCAAATTACCCAGTCCATATAGGGGTAACACTGACTGCTCCTGGGTCAATTCGGGTA  
GAAAGAAATCACCGTATTCTCTTGAACTTCACTGATTTTGACCTTGAACCTCAGGACTCCTGTATTACGG  
CATATGATGGTTTAAAGCTCCACAACCTACCCGCCTTGCCAGTGTGTGTGGAAGACAGCAGTTGACTAACCC  
CATCACCTCTTTCAGGAAACAGCCTCTTTTTCGAGATTTCAATCTGGTCTTCCAGACAGGGCAGGGGCTTC  
CGAGCTCAGTTCAACCAAGTCTGCGGAGGCCACATCCTCACCACCTCAATTTGATCTATATCCTCTCCAT  
TGTTCCCTGCCAGTATCCAAACAATCAGAAGTGCAGCTGGGTAATTCAAGCTCAACCTCCATTTAACCA  
CATTACCCTCTCCTTTGACCCTTTGGACTTGAAGCAGCACAACGTGTACACAGGACTTTTTAGAAATTT  
TTGGATGGCGATTATGATGATGCTCCCTCCGAGGCCGCTACTGTGGGCACTCCATGCCGCATCCCATCA  
CTTCTTCCAGCAGCGCTCTGACGCTGAGGTTTCGTCTCTGATTCTAGAGTGAATTCGATGGTTTCCATGC  
TACCTATGCTGCATCATCATCAGCTTGTGGTGAACCTTCCACATGGCTGAAGGCATCTTCAACAGCCCT  
GGCTACCCGGAAGTTTATCCCTCTAATGTGGAATGTGTCTGGAACATTGTCACTTCCCCTGGCAACCGGC  
TCCAGCTGTCTTTTATAACTTTCCAGTTGGAGGATTCAGGACTGTAGCAGAGATTTTGTGGAGGTCCG  
TGAAGGAAACGCCACTGGTCACTTGGTGGGGCGATCTGTGGAACGTTCTCCCTCTCAATTATCTCCTC  
ATTGTTGGGCATATCCTGTGGATCAGATTTGTCTCAGATGGCTCAGGCAGTGGCACAGGCTTCCAAGCCA  
CATTTACTAAATATTTGGCAATGATAATATTGTGGGAACCTCATGGGAAAATTGCCTCTCCCTTATGGCC  
TGGCGTTACCCCAACCTCCAATTACCAATGGATAGTAAATGTGAATGCACTCAAGTTATCCATGGT  
AGAATCTTGGAGATAGACATTGAAGGAGCACAGAGTGCCTATTATGACAAATTAGGGTTTATGATGGCC  
TTGGCATTCAATCCCGCCTAATTGGAACCTATTGTGGTACCAGACCACATCCTTTAGCTCCTCTAGAAA  
TTCTTTGACATTTCACTTTTCTCTGACTCTTCAATCACAGGGAAGGATTCCTTCTGGAGTGGTTTGCA  
GTGAATGCCCTCTGGTGGACCTTACCTACTATTGCTACAGGTGCTTGTGGTGGCTTCTGAGGACAGGAG  
ATGCGCCAGTCTTCTCTCTCCCAAGGCTGGCCAGAAAGCTACAGTAACAGCGCTGACTGTACGTGGCT  
TATTCAGGCCCCAGATTCTACTGTGGAACCTCAACATCCTTTCCCTGGACATTGAAGCGCAGAGAACATGT  
GACTATGACAACTTGTGATCAGAGACGGAGATAGCAACCTGGCCCCACAGCTAGCAGTTCTCTGTGGCA  
GAGAGATCCCTGGACCCATCCGCTACTGGAGAGTACATGTTTATCCGTTTCACTCAGACTTCAGCAT  
AACCGGAGCCGGTTTTAATGCATCCTTTCACAAAAGTTTGTGGTGGATATTTACATGCAGACAGAGGGATT  
ATCACATCTCCTCAGTATCCAGAGACCTACAGTCCCAACCTCAACTGCTCTTGGCACGTCCTGGTTTCA  
GTGGGCTGACCATTTGCTGTGCATTTTGAACAGCCCTTCCAGATTCCAAGTGGAGATTCTTCTTGCAGCCA  
GGGAGATTACTTGGTGTCTGAAAAATGGACCTGATATCTATTCTCCACCCTTGGGACCCTATGGAAGAAAT  
GGTCATTTTTTGTGGCAGTGCCTCTTCACTCACTCTGTTTCACTCAGATAACCAATGTTTGTTCAGTTTA  
TTTCTGATGGTAGTAATGGAGGGCAAGGATTTAAGATCAAATATGAGGCAAGAGTTTAGCCTGTGGGGG  
CAATATCTACATCCATGATGTGAATTTCTGCGGGATATGTGACCTCCCCTGGCCACCCTAACAAATTACCCC  
CAGATGCTGATTGTAATGGTTCATAGCTGCTCCTCTGAAAGCTCATAAGGGTGCAGTTTGAAGATC  
AATTCAATATTGAAGAAACACCCACTGTGTATCCAAATTACCTTGAGTTGCGTGATGGGGTTGATTCAAA  
TGCACCATTTACTTGCCAAGCTCTGTGGGAGATCTTTGCCCAGCAGTCACTTGTCTCAGGAGAGGTGATG  
TATTTGAGGTTCCGATCTGACAACAGCTCCACTCAGGTTGGGTTCAAGATCAAGTATGCAATAGCCAGT  
GTGGGGGAAGAGTGACAGGGCAAGTGGTATCATTGAAAGCAGCGGATATCCAACACTTCCATATAGAGA  
CAACTCATTCTGTGAGTGGCATCTCAAGGGTCCCTCAGGACACTATCTCACCATCCATTTTGAAGATTTT  
CACCTTCAGAAATCCTCTGGCTGTGAAAAAGACTTTGTGGAGATCTGGGAAAATCATACCTCTGGAAATTT  
TATTGGGCAGTACTGTGGAACACCATTTCTGACAGCATAGACACTTCTAGCAATGTGCTTTTGGTTCAG  
GTTTGTACAGATGGTTCTGTACTGCCTCAGGATTTAGACTACGGTTTGAATCCAGCATGGAAGCATGT  
GGTGGGGAGCTACAGGGCCCTACTGGAACGTTTACTTCTCCCAACTACCCAAACCCAAATCCTCATGGCC  
GGGTCTGTGAGTGGAGGATCATGGTGCAGGAAGGAAGGAGGATCACTCTGACTTTTAACAACCTAAGGCT  
GGAAGCTCATCCATCCTGTACAGTGAGCATGTGACAATATTCAATGGCATTAGAAATAACTCACCTCAG  
CTAGAGAAACTGTGTGGTAGTGTGAACGCAAGCAGTGAGATCAAATCTTCAGGAAATACAATGAAAGTCG  
TGTTTTTCACTGATGGATCCAGGCCATTTGGAGGCTTCAAGGCTTCACTACATCCAGTGAAGATGCTTAT  
ATGTGGTGGTCCCTTACGCATTTCCCTGAAGGAACTTTACTTCTCCTGGTTATAATGGAGTCACTAAT  
TACTCAAGAACTTAACTGTGAATGGACTCTCAGCAATCCAAATCAGGGAATTCATCTATTTACATTC  
ATTTTGAAGATTTTACCTGGAAGTCAACCAAGACTGTCAGTTTGTATGTCCTTGAGTTCCGAGTGGGTAA  
TGCTGATGGGCTCTGATGTGGAGCTGTGTGGACCTTCAAAACCTATAGTGCCACTGGTTATACCTTAT  
CCTGAGGTATGGATACACTTTGTACCAATGAACATGTAGAACATGTTGGATTCCATGCAGAGTATTCTT  
TTACAGACTGTGGTGAATACAGTTGGGTGAGAGTGGAGTGATTGCAAGCCCCAACTATCCAGCCTCTTA  
TGACAGCTTGACCAATTGTTCTTGGTTGTTGGAAGCACCACAAGGCTTTACCATCACTCTGACATTTAGT  
GACTTTGATATTGAAGACCATGCAACCTGTGCTTGGGATTTCTGTCTGTGAGGAATGGAGGTTCTCCTG  
GATCACCCATCATAGGACAATACTGTGGGACTTCAAAACCCAGGACAATCCAGTCTGGTTCCAACAGCT

1293

CCCCGAAATGCTGTACAGTGCATTAGTTGAGAACTGAAATTATTGTACCATAGGTTATGCTTTTTAT  
ATATTTGCTCAGAGGTGGTGGTGGTGACACTCATGTAAAGTGCCTGAAAAATAAAGTCTTCACCTGTGGT  
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0248 |Acc|AF200597|Ver|AF200597.1 GI:6425115|Canis familiaris beta 3 adrenergic  
receptor (B3AR) mRNA, complete cds.

ATGGCTCCGTGGCCTCACGGGAACGGCTCTGTGGCCTCGTGGCCGGCTGCCCCACCCGACGCCCCGATG  
CCGCCAACACGAGTGGGCTGCCAGGGGCGCCCTGGGCGGTGGCCTTGGCGGGGGCGCTGTTGGCGCTGGA  
GGTGCTGGCCACCGTGGGAGGCAACCTGCTGGTCATCGTGGCCATCGCTCGGACGCCAAGACTGCAGACC  
ATGACCAACGTGTTCTGTACGTGCTGGCCACCGCGACCTGGTGGTGGGGCTCCTGGTAGTGCCGCCGG  
GGGCCACCTTGGCGCTGACGGGGCCGCTGGCCTCTGGGCGCCACCGGTTGCGAGCTGTGGACCTCAGTGGG  
CGTGCTGTGTGTGACAGCCAGCATCGAAACCTGTGCGCCCTGGCGGTGGACCGCTACCTGGCCGTGACC  
AACCCGCTGCGCTACGGCGCCCTGGTCACCAAAACGGCGCGCCCGGGCGGCAGTGGTCTTGGTGTGGGTCTG  
TGTCCGCCCGCGTGTCTGTTCCGCGCCATCATGAGCAAGTGGTGGCGCGTGGGAGCCGACGCCGAGGCGCA  
GCGCTGCCACTCCAACCCGCACTGCTGCGCCTTCCGCTCCAACATACCTACGCGCTGCTCTCTCTCTCC  
GTCTCCTTCTACCTTCCGCTTCTGGTGATGCTCTTCGTCTACGCGCGGTTTTCTCTGCTGGCTACGCGCC  
AACTGCGCCTGCTGCGCCGGGAGCTGGGCGCTTCCCGCCCGCGGAGTCTCCGCCGGCCGCGTCTCGCTC  
CCGGTCCCCCGGCCCGGCCCGGCGGTGCGCTTCCGCCCGCGCGGTGCCCTCCGACCGCTGCGGCCCGCG  
CGCCTCCTGCCTCTGCGGGAGCACCGGGCCCTGCGCACCTTGGGCCTCATCGTGGGCACCTTCACTCTCT  
GCTGCTTCCCTTCTTCGTTGGCCAACTGATGCGCGCTCTCGGGGGCCCTCTCTGCTTCCAGCCCGGC  
CCTCCTGGCCCTTAACTGGCTGGGCTACGCCAACTCTGCCCTTCAACCCGCTCATCTACTGCCGACGCCCC  
GACTTCCGACGCGCTTCCGCGCCCTACTGTGCCGCTGCCGGCGGGAGGAGCACCGCGCCGCGCCCTCCC  
CGCCGGGCGACCCCTCGGCCGCCCTGCGGCCCTGACCAGCCCCGCGGAGTCCAGCCGGTGCCAGCGCT  
CGACGGAGTCAGCTGA

>GBCA0249 |Acc|AF181965|Ver|AF181965.1 GI:5932409|Canis familiaris B-2 integrin (ITGB2)  
mRNA, partial cds.

CCTGCTGCTCACCTGGAGGGTCTGCTCTTTCTCTGGGCGCGTCTGCCAGGAGTGCACCAAGTACAAA  
GTGAGCACGTGCCGGGACTGTGTGGAGTCGGGGCCCGGCTGCGCCTGGTGCCAGAAGCTGAACCTTCACTG  
GGCTAGGGGAGCCCGACTCCGTTCTGCTGTGACACCCGAGAGCAGCTGCTGCTGAAAGGATGTGCGGCTGA  
CGACATCATGGACCTCAGAGCCTGGCCGAGATCCAGGAGGACAAGAAGGGCGGCCGCGCAGCAGCTGTCC  
CCGCAGAAAGTGACGCTCTACCTGAGACCAGGTGAGGCGGCTGCCTTCAATGTGACCTTCCGGCGGGCCA  
AGGGCTACCCCATCGACCTGTACTACCTGATGGATCTGTCTTACTCCATGCTGGACGACCTCATCAACGT  
CAAGAAGCTGGGGGGCGACCTGCTGCGGGCGCTCAACGAAATCACCGAGTCCGGCCGCATCGGCTTCCGGG  
TCTTTCGTGGACAAGACGGTGTCTCCCTTCTGTCACACGCACCCCGAGAAGCTGAAGAACCCTGCCCCA  
ACAAGGAGAAGGAGTGCCAGGCGCCGTTTCGCTTCAACACGCACCCCGAGAAGCTGAAGAACCCTGCCCCA  
GTTCCAGACGGAGTCCGGGAAGCAGCTGATTTCCGGGAACCTGGACGCGCCCGAGGGCGGGCTGGATGCC  
ATGATGCAGGTGCGCCGCTGCCCGGAGCAAATCGGCTGGCGCAACGTCACTCGGCTGCTGGTGTTCGCCA  
CGGACGACGGCTTCCACTTTGCGGGCGACGGGAAGCTGGGTGCCATCCTGACCCCCAATGACGGCCGCTG  
CCACCTGGAGGACAACATGTACAAGAGGAGCAATGAATTTGACTACCCGTCGGTGGGCCAGCTGGCACAC  
AAACTGGCCGAAAGCAACATCCAGCCCATCTTCGCGGTGACCAAGAGAATGGTGACGACCTATGAGAAGC  
TCACCGAGGTATCCCCAAGTCAGCGGTCCGGGGAGCTGTGCGGACGATTCCAGCAACGTGGTCCAGCTCAT  
CAAGAACGCCTACAACAACTGTCTCCAGGGTCTTCTGACACAGCCTGGCCCCCAGCACCTCAAG  
GTCACCTATGACTCCTTCTGCACTAACGGGGTGTGCGAGGTGGACAGCCAGAGGGGACTGCGACGGCG  
TCCAGATCAACGTCCGATCACCTTCCAGGTGAAGGTACGGCCACGGAGTGCATCCAGGAGCAGTCGTT  
TATAATCCGGGCACTGGGCTTACGGACACGGTGACCGTGCACGTATCCCCAGTGCGAGTGCCAGTGC  
CGGGACGTGGGCCAGGACCACGGCTCTGCAGYGGCAAGGGTCCCTGGAGTGTGGCATCTGCAGGTGTG  
AGGCTGGCTACATCGGGAAGAACTGCGAGTGCCTGACGCACGGCCGACAGCCAGGAGCTGGAGGGCAG  
CTGTCCGAGGAGCTCTCTCATCTGCTCGGGTGGGGGACTGCGCTCTGCGGGCAGTGCCTGTGCG  
CACAGGAGCGACGTTCCCAACAAGAATCTTTCGGGCGCTACTGCGAGTGTGACAATGTCAACTGCGAGC  
GCTATGACGGGCGAGTGTGCGGGGGTAAAGTTTCGGGGCTCCTGCAACTGCGGCAAGTGCCAGTGCGAGCA  
GAACTACGAGGGCTCGGCGTGCCAGTGCCTGAAGTCCACCCAGGGCTGCCTGAGCACGGAGGGCATCGAG  
TGACCGGGCGGCGGCTGTGCTGTACGTGTGCGAGTGCAGCGGGGCTACAGCCCGGCTGTGCG  
GGGACTGCCTGGGCTGCCCGTCCGCTGTGGCCGGTACATCACCTGTGCCAGTGCCTGAAGTTCAAGCA  
GGGCCCCCTCGGGGAGGAACTGCAGCGTGGAGTGTGGGAACGTGGGCCTGCTGAGCAAACCCCGGAGAAG  
GGGCGCAGGTGCAAGGAGCGGGATCTGGAGGGCTGCTGGATCACCTACACGCTGCGGCGAGCGGGCCGGCT  
GGGACAGCTGAAATCCACGTGGAGCACAGCCGGAGTGTGTGGGGGCCCCAAATCGCCCCCATCTG  
GGGCGGACCTGTGCGGAGTGTGCTCATCGGCATCTCTGCTGGCCATCTGGAAGGCTCTGACCCAC  
CTGAGTGACCTCCGCGAGTTCAAGCGATTGAGAAGGAGAAGTCAAGTCCAGTCCAGTGGAAACAACGACAAC

CCCTTTTCAAGAGCGCCACCACCACAGTCATGAACCCCAGGTTTGCTGAGAGTTAGGGCGCTCGGCGGAG  
ACGGCGCTGGCTGAGC  
>GBCA0250 |Acc|AF047047|Ver|AF047047.1 GI:4091114|Canis familiaris interleukin-8 receptor  
mRNA, complete cds.  
TCATCTGCTCTCCTGGGTGAGTCCTACAGGTGAAAGGCCAGACTCCTGGCCAGGATTTAAGCTTCCCTC  
CAATATGGAATACATTAAGTGGGATAATTACAGCCTGGAGGATCTCTTCGGTGATATTGATAATTATACT  
TACAACACGGAGATGCCATAATTCCAGCAGACTCTGCCCCATGCAGGCCAGAATCTCTGGACATCAACA  
AGTATGCTGTGGTTGTCTATGTCTCTGGTCTTTGTGCTGAACCTGCTGGGAAACTCCCTAGTCATAAT  
GGTTGTCTTATACAGTCGGGTCTGCTCCTGCTCACCAGCTCTATCTGCTGAACCTGGCCATAGCTGAC  
CTGCTCTTCGCCCTGACCTTGCCCTATCTGGGCTGTCTCCAAGGTAAAGGGCTGGATCTTTGGCACACCCC  
TGTGCAAGATCGTCTCGCTCCTGAAGGAAGTCAACTTCTACAGTGGTATTCTCCTACTGGCTAGCATCAG  
CATGGACCGCTACCTGGCCATTGTCCATGCCACCCGAGGCTGACCCAGAAGAAGCACTGGGTCAAGTTC  
ATATGCTTAGGCATCTGGGCCCTGTCCCTCATCTGTCCCTGCCCATCTTCGTCTTCCGACGGGCCATCA  
ATCCCCCTACTCCAGCCAGTCTGCTACGAAGACATGGGTACCAATACAACAAAATTGCGGATAGTGAT  
GCGGGCCCTGCCCGAGACCTTTGGCTTCATCGTGGCCCTGATGATCATGCTGTTCTGCTATGGGCTCACC  
CTGCGCACGCTGTTTGAGGCCACATGGGGCAGAAGCACCGGGCCATGCGGGTCTATCTTTGCTGTCTGCTG  
TCGCTCTTCTGCTCTGCTGGCTGCCCTACAACCTGGTTCGACAGACCCCTCATGAGGCTCCAGGCCATCGA  
GGAGACCTGTGACGCGCGCAATGACATTGGCCGTGCCCTGGATGCCACCGAGATTCTGGGCTTCTTCCAC  
AGCTGCCTTAATCCCTCATCTATGCCCTCATTGGCCAGAAGTTTCGCCATGGACTCCTCAAGATCATGG  
CCTTCCATGGGCTCATCAGCAAGGAGTACCTGCCCAAGGACAGCAGGCCTTCTTTGTTGGCTCTTCTTC  
AGCGAACACTTCTACTACTTTCTAAGCACCCCTGCCCGGTTGCAGTCCCTCAGGGCTCTCCCTCGCCA  
TCAGCATCCCGTTCCAAACCTCATGTCCACTGGCTGTTACAGTCTCTGTGTCAAGGCAGCTCCAGCTG  
TGTTTCAGGGGAGTTGCTGGGGCCACGTCTTTTTCAGGCCATTGTATGGTTTAGGGAGCTGCCCTGC  
TGCCCCACCCCTTACTATAGCTACAGTGTCTAGAGTCTAGAGTCTAGAGCTCACTGAGCCACAGCACTCTGTTCTCT  
GAGGCAGCTAAAGATGTTTAAAGACATCCTTTTAAATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAA  
>GBCA0251 |Acc|L14287|Ver|L14287.1 GI:290085|Canis familiaris CD8 antigen mRNA, complete  
cds.  
ATGGCCTCTCGGGTGACCGCCCTGCTCCTGCCGTGGCCCTGCTGCTCCGTGCCGCGGGCCAGCGGGC  
CCAGCCGGTTCCGCATGACGCCGCGCAAGGTGGTGGGACAGCTGCACGCGCAGGTGGAGTGCAGTGCCA  
GGTGTCTGTCTCCACCGCGCGCGGGCTGCTCGTGGCTCTACCAGAGGAATGAGCCAGCCGCGCCGCC  
GTCTTCTCTCATGTACATCTCCAGAGCCGGGCCAAGCCGCGGAGGGCTGGACACCAAGCACATCTCCG  
GCCAGAAGAAGACCGACAGCACCTACAGCCTCACCTGAGCCGCTTCCGCAAGGAGGACGAGGGCTACTA  
TTTCTGCTCTGTCTCTGAGCAACTCCATTCTGTACTTCAGCCCCCTTCTGCGCGGTCTTCTTCCAGTCAAG  
CCCCCACTACGCCGCGCGCGCGGCCACCCACGCGGGCGGCCACCAACGCGTCCAAGCCGGTGTCTCCGC  
GCGGGGAGACCTGCGGCCCTGCGCGCGGCGAGCGAGTGAAGCAAGTGGGTAGACTTCGCTGTGAAAT  
CTACATCTGGGCACCCCTGGCTGGGACCTGCGCCGTCTTCTCTGTCACTGGTCACTACCATCATCTGC  
AACCACAGGAACAGAAGACGTGTTTGCAAATGTCCAGGCCGCTGGTTCAGACCAGGAGGCAAGCCAGTC  
CTTCAGAGAAATATGTCTAACATGGAGATGGATCCTGTGTGGCAGCCACTACAAGACCAATAGAATTC  
>GBCA0252 |Acc|X56385|Ver|X56385.1 GI:920|Canine rab8 mRNA for ras-related GTP-binding  
protein.  
GAGTGTAAATATGGCGAAGACCTACGATTACCTGTTCAAGCTGCTGCTGATCGGGGACTCGGGGGTGGGGA  
AGACCTGTGTCTGTTCCGCTTCTCCGAGGACGCCTTCAACTCACTTTCATCTCCACTATAGGAATTGA  
CTTTAAAAATTAGGACCATAGAGCTCGATGGCAAGAGAATTAAGCTACAGATATGGGACACAGCTGGTCAA  
GAACGGTTTCGGACGATCACAAACAGCCTATTACAGGGGCGCAATGGGCATCATGCTGGTCTATGACATCA  
CCAACGAGAAATCCTTTGACAATATCCGGAACCTGGATTTCGGAACATTGAGGAGCATGCTTCTGACATGT  
CGAAAAGATGATACTCGGAAACAAGTGTGATGTGAACGACAAAAGACAAGTTTCCAAGGAACGGGGAGAA  
AAGCTGGCCCTGGACTATGGAATCAAGTTTATGGAGACCTGCGAAGGCCAACATCAATGTGGAGAACG  
CATTTTTCTACTCTCGCCAGAGACATCAAAGCAAAGATGGACAAAAAATTGGAAGGCAACAGTCCCCAAGG  
GAGCAACCAGGGAGTCAAAATCACACCAGACCAGCAGAAGAGGAGCAGCTTTTTCCGATGTGTTCTCTG  
TGAGGAACACTGCCTTACTCTGAGCCTCGCTCAGCTGAGCTGACTGTGCTGTCTGAGTGAGCCCTCCT  
CACTCAGCCGGGCCCTCCCTCCAAATACTCCCTGCCGTGCCAGCCACTGGGCCCCATGG  
>GBCA0253 |Acc|X56384|Ver|X56384.1 GI:913|Canine rab1 mRNA for ras-related GTP-binding  
protein involved in membrane traffic.  
TGTCTTAAGGGACGGAGCAGGGGAAGACGTTTGCTCTCCCGAAGACCCGTTCTCGTTCCCGTCCCTCG  
ATTACCCGTGGCGTCGAGAGTCGGGGCGGGCTGCGGCAGCAAGGGCGCGGTGGCGGCGGGCGGCT  
GCAGTGACATGTCCAGCATGAATCCGAATATGATTATTTATTCAAGTTACTTCTGATTGGCGACTCTGG



1296



1297

CCGTCCTGCGAGGCTCCGCCGGGCCAGCGTGGGAGAGCCGCGGGCGGCGGCCGCCGCATCATGTGAGCCAA  
GGACGAGAGGGCCAGGGAGATCCTGAAGGGCTTCAAACATAAATTGGATGAACCTCCGGGATGCTGAGACA  
AGAAAGATACTGTGGCAAGGAACAGAGACTTGTCTGTCCCTGGAGTGGAGCATGAAGCCCCGTGTTCCCA  
GAAAATCTCTCAAGTSCAAGGCAGTGTCTCGAAGAATTGAACCTCTCTTCAGCAGAGCAATGGAAAAATT  
CCGCCGGAACAAAAAGTTTACTTCAAAGGGCAATGCCTAGAAGAATGGTTCTTCGAGTTTGGCTTTGTG  
ATCCCTAACTCCACAACACCTGGCAATCCCTGATAGAGGCAGCGCCTGAGTCCCAGATGATGCCCGCCA  
GTGTGCTAACTGGGAATGTTATCATAGAGACAAAATTTTTTGACGACGATCTTCTCGTAAGCACATCCAG  
AGTGAGACTTTTCTACTGTTTGAGAGAAGAAATGTGTGTGCATTTCAAGAATTTGGGTTTGGGGGGGAAAG  
GAGGAACCTGTTTACTTTTTTCTCCACATTTGATTATTGACACTCGACCCTAATTCCTATACAA  
AACCCTTGTGCGGCCACCAGGGGACCAGTTCTGTATAGATAACCAATGGCTGTTTCTTCCAGCCGC

ATCTTCCACTGACCAGACTAAACTCCCAACCCAGACCAGGCCAGAGGGTGAGCCTTGACTCCTTCCCAG  
GGTGACACAGGGACAAACGCTTACCACGAGAGCCATGCTGTTCTGCCCCCTTCATGCCTCCTCCTTGG  
GCCCTACAGGCAACACATCTTCCCTTGGCCCCCTGGTTTTGGAAAAATCATATTCCTGACTTCTGTTTAG  
TTTTTTTCTGCAATTTCTATTTTCATACATTCTCATACATTTACCTTGTAATAAGACTGATATTATTAT  
TACATAATGAATTAAACATATGAATTAATAATATTCCTACAGTCTTCTAAAAAATAAAAAAAAAAAAAA  
AAAAA

>GBCA0259 |Acc|AF047011|Ver|AF047011.1 GI:2895940|Canis familiaris prointerleukin-1 alpha  
mRNA, complete cds.

ATGGCCAAAGTTCCTGACCTCTTGAAGACCTGAAGAACTGTTACAGTGAAATGAAGAATACAGTTCCTG  
AAATTGACCATCTCTCTCTGAATCAGAAATCCTTCTATGATATGAGCTGTGACCCACTTCATGAGGACTG  
CATGTCTCTGAGTACCTCTGAAATCTCAAAGACATCCAGCTTACCTTCAAGGAAAATGTGGTAGTGGTG  
GCAGCCAAATGGGAAGATTCTAAAGAAGAGACGGTTGAGTTAAGTCAATTCATCACCGATGATGACCTGG  
AAGGCATTGCCAATGACACAGAAGTAATCATGAAGCCAGATCAGTAGCATACAACCTTCCATAACAA  
TGAAAAATACAACATATAAGGATCATCAATCCCAATTCATCCTGAATGACAACCTCAATCAAAGTATA  
GTTTCGACAAACAGGAGGAAATTACCTCATGACTGCTGCATTACAGAATTTGGATGATGCAGTGAAGTTG  
ACATGGGAGCTTACACATCAGAAGATTCTAAACTTCTGTGACTCTAAGAATATCAAAAACCTCGACTCTT  
TGTGAGTGCCCAAATGAAGATGAACCTGTATTGCTAAAGGAGATGCCTGAGACACCCAAAACCTATCAGA  
GATGAGACAAACCTTCTTTTCTTTTGGGAGCGTCATGGCAGTAAGCACTACTTCAAATCAGTTGCCAGC  
CCAAGTTGTTTATTGCTCCACACAGGAACGAAAACTGGTGACATGGCAAGAGGGCAACCCCTCTATCACTGA  
CTTTCCGTTACTGGAACCCAGCCTTGACTCTGGAGTCTATAACTTGTGATGTGTGACAGTCCACGTGT  
ACTATGTACATGGAGGAGTCCAATCCTTTACTCATAGTCACTTGCTGA

>GBCA0260 |Acc|AB023422|Ver|AB023422.1 GI:5821256|Canis familiaris mRNA for  
angiotensinogen, partial cds.

TACATACACCCCTTCCACCTCCTCGTCTATAGCAAGAGCAGCTGTGAGCAGCTGGAGAAATCCAACACGG  
AGATGCCCAAGACCTGACCTTCTGCGGTCCTGATTGAGGCCAAGACATCCCTGTGGATGAGGAGGC  
CCTTCGAGAAGAGCTGGTGCTGGTCTCTGAGAGGCTGGAGGGGGAAGACAAGATGAGGGCCACGAAGGTG  
GGGATGATGCTGAACCTTCTTGGGCTTCCACATGTATAGGATGCTGAGCGAGTCTCAGAACGCAGCCAGTG  
GGACCATCCTGTCCCAACGACGCTCTTTGGCACCTTGGCATCTTTCTACTTGGGCGCACTGGACCCAC  
GGCCAGCAGACTGCAGGCTTTTCTAGGCGTCCCGGGGAGGATCAGGGCTGCACCTCCCGGCTGGATGGCC  
ACAAGGTCTCTCTGCCCTGCAGACTATCCAGAGCCTTCTGGTGGCCAGGGTGGGGCTAGTGGCCAGTC  
CACGCCGCTCCTGTCCACGGTGGTGGGCTGTTTACAGCCCTGGCCTGCGCTGAAGCAGCCGTTTGTG  
CGGGCCCTGGCTCCCTTTGCCCCATCACCTTCCCGCGCTCTCTGGACTTGTCCATGGACCCAGATCTTG  
CTGCTGAGAAGATCAACAGGTTTCATGCAGGCAGTGACAGGGTGGAGAATGGACAGACCCATGTGAGGAAT  
CAGCCAGACAGCACCTACTTTTCAACACCTACGTCCCACTTCCAAGGAAAGATGAA

>GBCA0261 |Acc|AF143503|Ver|AF143503.1 GI:5814291|Canis familiaris nitric oxide synthase  
(NOS) mRNA, complete cds.

CCCAGGAGCTCACAGCACAGCCTGTTCCCTTCAACTGATCCGCCGGCCTGACCCCAACCCAGGCGCACCT  
CAATCTTATCCTCCACCGCTGTTCAAAGGAGTCCAGCCACACAAATCTACGTATTTGTTTGTCTGCCTG  
TCTGCCTCTCCAGTCTCTGCTATTCCAGTCTCTTAACCTTCTTTCTTTCTTGCAATTTCTCTTAGTCT  
CTGTGGTCTCAAATCCATGAGGATCAGACCCCTGTAGACCCAAATACCCAGCTCATAGCCTTTCTCTGCC  
ACCCCCCAACCAATGGCTTAGAATACAAACCCAGCTTGACAACTGCCTGAGGGACCTGAAGAGTG  
CTGGTATGCACCATCTGCACTCTGGGAATTGTAGTTTCCCTATCTCCACACTTTAATACAGCCCCAACAT  
CTTCCAGTGGGCAGTCCCTGCTCAGCATTGACTGCTGGTCTATCTGCAGACCTACCAACCCAGGGAA  
GCATGCGTCACTGGATGACAGGGTGGGTGTGGAGGCCCTGGATGGCAGCTTCTGCTCTTTTGTGTCCCC  
CCACTTGAGTCATGGGGGGCGGGGTTCCAGGAAATTGGGGCTGGGAGGGGAAGGGTGCCCTAATGCCAG  
ATTCAAGGACAAAGGGTCACTGCATCCTTGCTGGACCTGTATCCCCGAGAGCTCCAAAGCACTCAATGGT  
GGGGGTACAAAAACACTTAGTGTGACAGAGTGGTGAAGGAGAGCACTGGAGGGACCCACGAGTACC  
TGTGGTCACTAGGAGTCTGGGAATCATCCCTGACACTGACACAGTGTTCACCTCCCAACCCCAACCCCTCA  
GAGCAAGGCCAACAAAGGGCACCGTGGAAAGTCCCCACTCTGGCCAGACATCACACAAGGACCTCTCTGAC  
TCGGAATTGTCCACCTGGGCCAACTCCATCCCTACCCCTACCTCCAACCGCCCCCCCCACACACACACACC  
CCTGCTCTGGTCTCCTCCTCAGGCTCCAAGAACCTGGCTTCCACTTATCAGTCTTAGTCTCCTCAG  
AGCGGAAGCCAGGCGTCCGGCCCCCACCCTCTGGGCGGGCATGGAGCCGAGGGCTTAGAGCCTCCAGC  
CTGCCCTTGTCTCTGCTCCATTGTGTATGGGATAGGGGCGGGCAAGGGCCAGCACTAGAGAACCCCTCC  
CACCACCTCTCCCTTCTTAAGGAAAAGGCTGGGCTCCACTCACTCAGAGTGCCAGAAGTGGGGCGAG  
GCTGAACATGGGCAACTTGAAGAGTGTGGCCAGGAGCCCGGGCCCCCTTGTGGCCTGGGGCTGGGCTG  
GGCTTGGGGCTATGTGGCAAGCAGGGCCCTGCCTCCCCGACCTCAGAGCCAGCCGGGCACCGGCCCTGG  
CGCCCCACCCCTCGCCCCACACAGCACCAGACCACAGCAGCCCCCACTACCCGGCCTCCAGATGGGCC

CAAGTTCCCTCGTGTGAAGAACTGGGAGGTGGGGAGCATCACCTATGACACCTTGAGTGGCCAGTCACAG  
CAGGATGGGCCCCTGCACCCCAAGACGCTGTCTAGGCTCTCTGGTATTTCCACGGAACTACAGAGCCGGC  
CTCCCAGAACCCTGCACCCCTGAGCAGCTGCTGAGCCAGGCCAGGGACTTCATCAGCCAGTACTACAG  
CTCCATCAAGAGGAGTGGCTCCCAGGCCCATGAGCAGAGGCTTCAAGAGGTGGAAGCTGAGGTAGCAGCC  
ACAGGCACCTATCAGCTTCGGGAAAGCGAGCTGGTGTTCGGGGCCAAGCAGGCCTGGCGAAACGCTCCTC  
GCTGCGTGGGCCGGATCCAGTGGGGGAAGCTGCAGGTGTTTGTATGCCCGGGATTGCAGCTCTGCCAGGA  
GATGTTACCTACATCTGCAACCACATCAAGTATGCCACCAACCAGGGCAACCTCCGCTCGGCCATCACA  
GTGTTCCCCCAGCGTGCCTCAGGCCGCGGAGACTTTCGAATTTGGAACAGCCAGCTGGTGCCTATGCGG  
GCTACAGGCAGCAGGATGGCTCTGTGCGGGGGGACCCAGCCAACTGGAGATCAC TGAGCTCTGCATCCA  
GCATGGCTGGACTCCAGGAAACGGCCGCTTTGATGTGCTGCCCTACTGCTCCAGGCCCCAGATGAACCC  
CCAGAACTCTTTGCTCTGCCCCCGAGCTGGTTCTCGAGGTGCCCTGGAGCACCCACGCTGGAGTGGT  
TTGCGGCCCTGGGCTGCGCTGGTATGCCCTCCAGCGGTGAGCAACATGCTGCTGGAAATTGGGGGGCT  
GGAGTTCCCTGCGGGCCCTTCAGCGGCTGGTACATGAGCACTGAGATTGGCAGCGGAACTGTGTGAC  
CCTCATCGATAACAATCCTGGAGGATGTGGCTGTCTGCATGGACTTGGATACCAGGACCACCTCATCCC  
TGTGGAAGACAAGGCAGCAGTGGAAATCAACTTGGCTGTGCTGCACAGTTACCAGCTGGCCAAAGTGAC  
CATCGTGGACCACCATGCTGCCACAGCCTCCTTCATGAAGCACCTGGAGAACGAGCAGAAGGCCAGAGGG  
GGTTGCCCTGCTGACTGGGCTGGATCGTGCCCCCATCTCTGGCAGCCTCACCCCTGTTTCCATCAGG  
AGATGGTCAACTATGTCTGTCCCCGGCCTTCCGCTATCAGACAGACCCGTGGAAGGGGAGTGCATCCAA  
GGGTGCGGGCGCTCACCAGGAAGAAAACCTTTAAGGAAGTGGCCAATGCGGTGAAGATCTCTGCCTCCTC  
ATGGGCACTGTGATGGCAAAGCGAGTGAAGGCGACAATCCTCTATGGCTCCGAGACTGGCCGGGCCCAGA  
GCTATGCACAGCAGCTGGGGAGACTCTTCCGGAAGGCTTTCGACCCCCGGGTCTGTGCATGGATGAGTA  
TGACGTGGTGTCCCTTGAGCATGAGACGCTGGTGTGGTGGTGACCAGCACATTTGGGAATGGTGTATCCC  
CCAGGAATGGAGAGTGTTCGCGGAGCCCTGATGGAGATGTCCGGGTCTTACAACAGCTCCCTCGGC  
CAGAACAGCACAAGAGTTACAAAATCCGCTTCAACAGTGTCTCCTGCTCAGACCCACTGGTGTCTCTCCTG  
GAGGCGGAAGAGAAAAGAGTCCAGAAACACAGACAGTGTGGGGCACTGGGTACCTCAGGTTCTGTGTG  
TTCGGGCTGGGCTCCCGGGCATACCCCCACTTTTGTGCCTTTGCTCGTGCGGTGGACACACGGCTGGAAG  
AGCTGGGTGGGGAGCGGCTGCTGCAGCTGGGCCAAGGAGATGAGCTGTGTGGCCAGGAGAGGCCTTCGG  
AGGCTGGGCCCAGGCCGCTTCCAGGCCCTCTGGGAGACCTTCTGCGTGGGAGAGGATGCCAAGGCTGCC  
GCCCCGGACATATTCAGCCCCAAACGGACTGGAAACGCCAGAGGTACCGGCTGAGCGCCAGGCTGAGG  
GCCTCCAGCTGCTGCCAGGACTGATCCATGTGCACAGGAGGAAGATGGTCCAGGCTACTGTCTCTCGAGT  
GGAAACCTGCAAAAGCAGCAAGTCCACCCGGGCCACAATCCTGGTGCGCCTGGACACTGGAAGCCAGGAG  
GCGCTGCAGTACCAGCCAGGGGACCACATTGGCATCTGCCCCGCCAACCGGCTGGCCTTGTGGAGGGCG  
TGCTGAGCCGGGTGGAGGATCCACCGCCACCAGGAGAGCCAGTGGCAGTGGAGCAGCTGGAGAAGGGCAG  
CCCCGGTGGCCACCCCCAGCTGGGTTGCGGACCCCTCGCCTGCCCCATGCACACTGCGCCAGGCTCTC  
ACCTTCTTCTGGAGCATTTCCCGCCAGCCCTCAACTCCTTCGACTGCTCAGCACCTCGGCTTGAAG  
AGTCCAGTGAACAGCAGGAGCTAGAGAGCCTCAGCCAGGACCCCGGCGCTACGAGGAATGGAAGTGGTT  
CCGCTGCCCCACACTGCTGGAGGTACTGGAACAGTTCCCATCGGTGGCACTGCCCGCCCCCTGCTCCTC  
ACCCAGCTGCCCCGCTCCAGCCCCGGTACTACTCGGTGAGCTCAGCACCCAGTGGCCACCCAGGAGAGA  
TCCACCTCACAGTAGCTGTGCTGGCATACAGGACACAGGATGGAAGTGGGCCCCCTTCAATTATGGAGTCTG  
CTCCACATGGCTAAGCCAACTTAAGGCCGAGATCCTGTACCTTGCTTCATCAGGGGGGCTCCCTCCTTC  
CGGCTGCCACCTGATCCAGTCTGCCTTGATCTTAGTGGTCTGTTACGGGTATTGCCCCCTTTTCGGG  
GTTTCTGGCAGGGGCGGCTGCACGACATTTACAGCAAAGGGCTGCAGCCCGCTCCCATGACTCTGGTGT  
CGGATGCCGATGCTCCAGCTCGACCACCTTTACCGGACGAGGTGCAGGATGCCAGCAGCGCGGAGTT  
TTTGGGCGGCTCCTCACCAGCTTCTCGCGGGAGCCCGACAGCCCTAAGACGTACGTGCAGGACATCCTGC  
GGACGGAGCTGGCTGCTGAGGTGCACCGCTGCTGTGCTCGAGCGGGGCCACATGTTGTGTGCGGCGA  
CGTCACCATGGCAACCAGCGTCTGTCAGACGGTGCAGCGAATCCTGGCGACGGAGGGCGACATGGAGCTG  
GACGAGGCCGGCAGCTGCTCGGCGTCTGCGGGATCAGCAACGCTATCAGAGGACATTTTCGGGCTCA  
CACTGCGCACCCAGGAGGTGACAAGCCGCATACGCACCCAGAGCTTCTCCTTGACAGGAGCGGCATCGG  
GGGCGCGGTGCCCTGGGCGTTGGACCGCCCGGCCAGACACCGCTCGGCCCTGAGAGCGCTCGTTTTCC  
ATCCCAGTTCCAAGAGAGGGGCGGCTCAGTCCACTCTGGCTCTGCCCCCTCTCTGCGGGCGTTACAGCCA  
CTTGTCCCTCCGAGGTGCTTCCCGTCTCTGCTCAGAGTCTGCCCTAAGTCGCTTCTTCCAGGAAT  
GAGTGAAATGTCTTCTCGCCCCAGGTCCCGACGCCCCCTGGAGCAGGGGTATTCCAGGGCCTACTGT  
ACCCCTTTTGTGTTCTTAGGTGAATTT

>GBEA0262 |Acc|AF072696|Ver|AF072696.1 GI:5805150|Canis familiaris interleukin-4  
precursor, mRNA, complete cds.  
ATGGGTCTCACCTCCCACTGATTCCAACCTCTGGTCTGCTTACTAGCACTCACCAGCACCTTTGTCCACG  
GACATAACTTCAATATTACTATTAAAGAGATCATCAAAATGTTGAACATCTCACAGCGAGAAACGATGA

GTACAGCTATCTGACCATCTCTCCAGTGTTTGGAGATGCCGTGGGTATTTCTGAGACTGAGAAGAACATC .  
ACAGCTTCCAGAGAAGTTCCGGTGGTGTACGACAAAGGAGCAGAGTAAGATTGCTCTGCAGCGCTTCTGT  
CCAGGGATTGGGAAGCTTGGTCAGAGGGAGTGGGGCTGCCCAACAAGTCATCCCTCGTACAATTGGAAAG  
TGACTGTCTCTGTCTCTCTCATTCTCCGCCAAGACTCTGTGTCACTGAGGGATTCCGCAAGCTGA  
>GBCA0263 |Acc|AB021930|Ver|AB021930.1 GI:5766900|Canis familiaris CAN2DD mRNA for  
dimeric dihydrodiol dehydrogenase, complete cds.  
ATGGCGCTTCGCTGGGGTATTGTGTACGCCGGCCTTATCTCCAGCGACTTCACGACCGTGCTGGGAACGC  
TGCCTCGCTCCGAGCACCAGGTAGTGGCTGTAGCGGCCCGGACCTGAGCCGGGCGAAGGAGTTTGGCAG  
GAAACATGACATCCCCAAAGCCTACGGGTCTATGAGGAGTTGGCCAAAGACCCGAATGTGGAGGTGGCC  
TACATCGGCACCCAGCACCCTCAGCACAAGGCCGCGGTGTGTGTGCTGTGCCTGGCAGCGGGCAAGGCCGTCC  
TGTGCGAGAAGCCCATGGGTGTGACGCTGCAGAAGTTCGCGAAATGGTTGCCGAAGCCCGATCCCGAGG  
CCTCTTTCTTATGGAGGCCATCTGGACCCGCTTCTTTCTTCTGTATAGAGGCTCTGAGGGCTGCTCTGTCA  
CAGGGAACCTCTGGGGGAACCTCCGGGTGGCTCGGGCAGAATTTGGGAAGAACCTCACCCACATTCCCCGGT  
CCGTAGACTGGGCCAGGCTGGCGGTGGCCTGCTCGACCTTGGCATCTACTGCATCCAGTTTCATCTCTAT  
GGTCTTTGGTGGCAGAAAGCCGGAGAAGATTTAGCCCTGGGAAGGCGCTATGAAACAGGTGTGGACGAC  
ACCGTCACTGTGCTCCTCCAGTACCAGGAGGGATCCATGGCAGCTTTACCTGCAGCATCTCTGCTCAGC  
TCTCTAATATGGCCTTTGTGAGCGGTACCAAGGGCATAGGCCAGATCCTTGACCTTGCTGGTGGCCAAAC  
GGAGCTGGTGTGAAGGGAGAGCATAAGGAGTTCCCACTGCCCCGGCCCCAAGCAAGGAGTTCAATTTT  
ACAAATGGAGCAGGCATGGCTTATGAGGCCAAGCATGTCCGGGAGTGCCTGCGAAAGGGCCTGAAGGAAA  
GTCTGTGATTCCCCTGGCAGAAAGTGAACCTCTGGCTGACATCCTTGAAGAAATAAGGAAGGCCATTGG  
AGTCACCTTCCCCCAAGACACACGCTAA  
>GBCA0264 |Acc|AB031064|Ver|AB031064.1 GI:5738961|Canis familiaris mRNA for metastasin,  
complete cds.  
CTCTCTCCTCATCTCTTCTCCTTCTTGGTGGTCTGGTCTGACAGCCACCATGACGTTCCCCCTGGAGAA  
GGCTCTGGATGTGATGGTGTCTACTTCCACAAGTACTCTGGCAAGGAGGGTGACAAGTTCAAGCTCAAC  
AGATCAGAGTTAAAGGAGCTGCTGATGCGGGAGCTGCCAGCTTCTTGGGGAAAAGGACGGATGAAGCCG  
CCTTCCAAAAGCTGATGACCAACTTGGACAGCAACAGAGACAACGAGGTTGACTTCCAGGAGTACTGTGT  
CTTCTGTCTGCTGCGTCGCCATGATGTGCAATGAATTCTTGAAGGCTTCCCTGATAAGCAGCCCCGGAAG  
AAGTAAAGGCCCTCTGTGCGGGAGGGGTGGGTCCACCAGCTGAGGCTTTACCTGTGGCAGCAGGCACAG  
GACCTCACCTGGCTCCCCAGATGTGTGCAAGTTGTAGACCATGTTAATAAAGATTCTTGAAGCTTTA  
AA  
>GBCA0265 |Acc|AF170525|Ver|AF170525.1 GI:5733735|Canis familiaris glycoprotein GPIIIa  
(GPIIIa) mRNA, complete cds.  
ATCGGGCGCGCGCTCTGGGCGCGGTGCTGCTGCTGGGGCGCTGGCGGGCACCGGCGTCGGAGTGT  
CCAACATCTGTACCAACAGAGGTGTCCACTCTGCCAGCAATGTCTAGCTGTGAGTCTGTGTGCCTG  
GTGCTCAGATGAGGCCCTGCCTCTGGGCTCTCCCCGCTGAACCTGAAGGAAAATCTGCTGAAGGATAAC  
TGTGCCCTGGAAATCCATTGAGTTCCCATCAGTGAGGTCCGCATCCTGGAGGCCAGGCCCTTAGCAACA  
AGGGCTCTGGAGACAGCTCCCAGATTACTCAAGTCAGCCCTCAGAGGATTGCGCTGCGGCTCCGGCCAGA  
TGATTCAAAGATTCTCCATCCAAGTTCGGCAAGTAGAGGATTACCTGTGGACATCTACTACTTGATG  
GACCTGTCTTATTCATGAAGGATGATCTGTGAGCATCCAGAACCTAGGCACCAGGCTGGCCTCCCAGA  
TGCACAAGCTCACCAAGTAACCTGCGGATTGGCTTCGGGGCTTTTGTGGACAAGCCTGTGTCTCCATACAT  
GTACATCTCCCCACAGAGGCCCTCAAAAACCCCTGCTATGATATGAAGACCACCTGTTTGCCTATGTTT  
GGCTACAAACATGTGCTGACGCTAACTGACCAGGTGACCCGCTTCAATGAGGAAGTGAAAAAGCAGAGTG  
TGTCACGGAACCGAGATGCCCCAGAGGGCGGCTTTGATGCTATCATGCAGGCTACAGTCTGTGATGAGAA  
GATTGGCTGGAGGAATGATGCATCCCACTTGCTGGTATTTACCACTGATGCCAAGACCCATATAGCGCTG  
GATGGAAGGCTGGCAGGCAATTGTCAACCTAACGATGGGCAGTGTACATTGGCAGTGACAACCATTAAT  
CTGCTCCACTCAGTACGATTATCCCTCTCTGGGACTGATGACAGAGAAGCTCTCCAGAAAAACATCAA  
TTTGATCTTTGCAGTAACGGAATGTGGTCAATCTCTACCAGAACTACAGTGAGCTCATCCCAGGGACC  
ACAGTGGGGATCTGTCTACGGATTCCAGCAATGTCTTACGCTCATTGTTGATGCTTATGGAAAAATCC  
GCTCTAAAGTGGAGCTGGAAGTGCCTGACCTCCCTGAGGAGTTGTCTCTATCGTTCAACGCCACCTGTCT  
CAACAATGAGGTACATCCCGGGCCTCAAGTCTTGTGTGCTCGGCTCAAGATTGGAGACACGGTGAGCTTCAGC  
ATTGAGGCCAAAGTGGCAGGCTGCCCCCAGGAGAAGGAGAAGTCCCTTACCATCAAGCCTGTGGGCTTCA  
AAGACAGCCTCACCATCCAGGTCACCTTTGACTGTGACTGTGCCTGCCAGGCCAGGCTGAGCCTTCCAG  
TCACCGCTGCAACAATGGCAATGGGACCTTTGAGTGTGGGGTGTGCCTCTGTGGGCTGGCTGGCTGGGG  
TCCAGTGTGAATGCTCGGAAGAGGACTATCATCCCTCCAGCAGGACGAGTGCAAGCCCCCGGAGGGCC  
AGCCCGCCTGCAGCCAGCGGGGCGAGTGCCTGTGTGGCCAATGTGTCTGCCATAGCAGTGACTTTGGCAA  
GATCACGGGCAAGTACTGCGAGTGTGATGACTTCTCCTGTGTCCGCTACAAGGGGAGATGTGCTCAGGC

CATGGCCAGTGCAGCTGTGGGGACTGCCTGTGTGACTCCGACTGGACCGGCTACTACTGCAACTGTACCA  
CGCGCACTGACACGTGCATGTCCAGCAACGGGCTGCTGTGCGGCGGTGCGGGCAAGTGTGAGTGTGGCAG  
CTGCGTGTGCATCCAACCTGGCTCCTACGGGGACACCTGCGAGAAGTGCCCCACCTGCCCTGACGCCTGC  
ACCTTTAAGAAGGAGTGTGTGGAGTGTAAAGAAATTTGACCGAGGAAGTCTCCATGATGATAATACCTGCA  
ACCGTTACTGTCTGATGAGATTGAGTCTGTGAAGGAGCTTAAGGATACTGGCAAGGATGCAGTGAATTG  
TACATACAAGAATGAGGATGACTGTGTGTGTCAGATTTTCACTACTATGAAGACTCCAGTGGAAAGTCCATT  
CTCTATGTGGTAGAAGAGCCAGAGTGTCCCAAGGGTCTGACATCCTGGTGGTCTGCTTTTTCAGTGATGG  
GGGCCATTTTGTCTATTGGCCTTGTCTACTCTGCTCATCTGGAAGTCTCTATCACCATCCATGATCGGAA  
GGAGTTTGCTAAATTTGAGGAAGAGCGAGCCAGAGCAAAATGGGACACAGCCAACAACCCACTGTATAAA  
GAGGCCACATCCACTTTTACCAACATCACCTACCGGGGCACCTTAACACCAAGGAGCCATCCTCA  
>GBCA0266 |Acc|AF170524|Ver|AF170524.1 GI:5733733|Canis familiaris glycoprotein GPIIb  
(GPIIb) mRNA, complete cds.  
GTTGTGGAAGAAGGAAGATGGCCAGAGCTGTATGTCCACTTAATGCCCTCTGGCTTCTGGAGTGGGTGCA  
GCTGTTCTTGGGACCTGGTGCCATCCCTCTAGGCTGGGCTTGAAGTGGACCCAGTGCAACTCACCTTTC  
TACACAGGCCCAATGGCAGCCACTTTGGGTTTTCACTGGACTTCTACAAGGACAACCATGGGAGAGTGG  
CCTTCGTGGTAGGCGCCCCGCGGACCTGGGCGCAGCCAGGAGGAGACGGGCGGCGTATTCTGTGCCC  
CTGGAGGGCCGAGGGTGGCCAGTGCACGTCGCTGCCCTTTGACCTCAATGACGAGACCCGACACATAGGC  
TCCCACACCTTCCAAACCTTCAAGTCTCGGCAAGGACTGGGGGCGTCGGTCTGTCAGCTGGAACGACAACA  
TTGTGGCCTGCGCCCCCTGGCAGCACTGGAGCGTCTAGAAAAGACCGAGGAGGCCGAGAAGACGCCCGGT  
AGGTGGCTGCTTTGTGGCTCAGCTCCGGAACGGCCACCGCGCGGAGTACTCGCCGTGTGGGCTAACACC  
ATGAGCTCGGTTTTATGTAAAAATCGGTTTTAACCAAGACAAGCGCTATTGCGAAGCGGGCTTCAGCGCTG  
CGGTCACTCAGGCTGGAGTGTCTGGTGTCTGGGGCCCCGGCGGCTATTTTTTCTTAGGTCTCTCTGTGCG  
GACGCTATTGACAATATCATCTCGAGTTACCGCCGGGACCCCTGTTGTGGCAGTGTCTCTCCAGAGC  
TTCACCTACGACTACAGCAAGCCAGAGTACTACGACGGCTACCGGGGTAAGTCTGTGGCTGTGGGCGAGT  
TCGACGGGAATCTCAACACTACAGAGTATGTCTCGGTGCCCGACCTGGAGCTGTACCTAGGAGCGGT  
GGAAATTTGAACGAGTACCACCAGACGCTGCACAGGCTGCACGGAGAGCAGATGGCTTCGATTTTGA  
CACTCGATAGCCGTCACTGATGTCAACGGAGACGGGCGGCACGACTTGTGGTGGCGCGCACTGTTCA  
TGGAGAGCCGCGCGGACCGCAAGCTGGCCGAGGTGGGGCGCGTGTACTTGTTCCTGCAGCCTCGAGGTCA  
CCAGGCGCTGGGCGCCCCAGCCTCCTGCTGACTGGCACACAGCTCTATGGGCGATTGCGGCTCGGCCATC  
GCATCTCTGGGCGACCTCGACCGGGACGGCTACAACGATGTTGCAGTGGCTGCCCCCTACGGAGGTCCCA  
GTAGTCTGGGCGCAAGTGTCTGGTGTACCTAGGTGAGGTGAGGGGCTCAGCTCAGCCCCCTCCAGATCCT  
GGACAGCCCCCTTCCAGCAGGCTCTGGCTTCGGCTTCTCCCTGCGAGGTGCCACAGACATCGATGACAAT  
GGATACCCAGACCTACTGGTAGGAGCTTATGGGGCCAGCAAGGTGGCTGTGTACAGAGCTCAGCCAGTGG  
TGGTGGCCAATGTCCAGCTGTCTGGTACAAGATTCACTGAATCCTGCTGTGAAGAACTGTATCCTGCTCA  
GACCAAGAGACTGTGAGTGTCTTTAACTACAGATGTGTGTGGGAGCCACTGGGCAACAATTCCTCAG  
CAGCTGTCCCTAAATGCCGAGCTGCAGCTGGACCGGCAAAAGCCCCGCCAGGGCCGGAGGGTGTACTGC  
TAAATTTCTCAGCTGGCGAGCAGCACCCCTGCATCTGGACCTGGGCGGGAGGCACAGCCCCATCTGCCACAC  
CACCACCGCCTTCTCCGAGATGAGGCCGACTTCCGGGACAAGCTGAGCCCCATTGTACTCAGCTTGAAC  
GTGTCGCTACAGCCAGGAAGGATGGAGTAGCCCTTGCCATTGTGCTGCATGGAGACACCCATGTCCAGG  
AGCAGACTCGCATCATCTAGACTGTGGGGAAGATGACCTGTGTGTGCCCCAGCTCCAGCTCACCGCCAT  
CGTGATGGGCTCCCCACTCCTCATTGGAGCCGATAATGTACTGGAGCTGCAGATGGATGCGGCCAATGAG  
GGCGAGGGGGCTACGAAGCAGAGCTTGTGTGCACCTGCCCCAGGTGCCCACTACATGCGGGCCATCA  
GCAACATTGAGGGCTTTGAGAGACTCATCTGTAACCAAGAGAAGGAGAATGAGACCAAGATAGTGTGTG  
TGAGCTGGGTAAACCCATGAAGAGGAACGCCCCGATAGGAATCACCATGTTGGTGTGAGTGTGGAGAACCTG  
GAAGAGGCTGGGGAACATGTCTCTTCTGGCTGCAATCAGAAGCAAAAACAGCCAGAATCCGAACAGTG  
AGGCTGTGCTGTGGATGTGCCAGTGTGGGCGAGAGGCCATGTGAAGCTAAGAGGGAACTCCTTCCAGC  
CTCTCTGTGTGGTGGTGGCAGGAGCGCAGGCAAGCTTCTGCCAGGGTCCAGCCAGCCCTCTGGGCTTCAGGATC  
CACACCTACGAGCTTACAACAATGGCCCTGGTACCGTAAGTGGCCTCCACCTCCACCTCTGCTTTTCTG  
GGGAGTCCCAGCCTTCTGACCTGCTCTACATCTGGACATACAACCTGAGGGGGGACTTCAATGCTCCCC  
CCAGCCCTCTATTAAACCCCTTCAAGCTGGACTGGAGGCAGCCTACCCCCAGCCCTTCCCCCACTTCCCCG  
GGGTATCACAAGCGGGGAGCGCAGGCAAGCTTCTGCCAGGGTCCAGCCAGCCCTCTGGGCTTCAGGATC  
CAGTTCTCTCTGAGCTGCAAGTGGGGCCGCATACAGTGGTGCAGTGTGAGCTGCAGGAGATGGCGCGAGG  
GCAGCGAGCCATGGTCAAGGTGTAGCTTTTCTGACGTGCCAGCCTCCAGCAGAGGCCGCTGGATCAG  
TTCGTGCTGGAATCGCAAGCTTGGTTCAACGTCTCCTCCCTTCCCTACGCTGTGCCCTCCCTCAGCCTGC  
CCAGTGGGGAACTCTGGTGCAGACACACTTCTGCTTGGTGGTGGAGGAGAGGACATTCCTATCTGGTG  
GGTGTGTGGTAGGCGTACTCGGAGGCTGCTGTTGCTCATGCTCCTGGTCTGGCCATGTGGAAGGGCGGC  
TTCTTCAAGCGCAACCGGCCACCGCTAGAGAAGAGGAGGAGGAGTGTGAGCAGCTCAGCCTCTGTCC



TAGGAGGAAGGCTGGGGACCTGCCTGCTCTGCCCTTTCTTCAGTGTGCGCCCCCAGCTCTGCTCACCCA  
CGGGTTGGAGCTGTGCCATGGAGGCCTCCTGATACCCCCCTCTACCTCATCCCCAGAGCTGGCCACTCC  
TTTCCCTGCTGCCAAATAAGAGGCTGAGTCCCA  
>GBCA0267 |Acc|AF164626|Ver|AF164626.1 GI:5732905|Canis familiaris hypocretin receptor 2  
(Hcrtr2) mRNA, complete cds.  
TGAGCCCAGGTGGCTTTCCCTGCGGGTGTCCCTGCTGCAGCCTCCAGGGCCGGGTCCCTAGTTCCCCA  
GCCGCTGTCTTCCCGGTGCAAAATCGTCTGCAAGACCCGAGAAGCCGCCGCCGAGAGTTGCCCGGCG  
CAAGACTCCGGAGGCATTGGCTCAGGAACCTTTTCACGTCATTTTCTGCTCTGGAGCCTCTCGTCGCGCCT  
CCGCGCCGCTTTTCGCACCGCAAATCACAGTGTCTATGGGGCAGGCGGAGAGCGGCTCGCGGCGCTGAGC  
GGAGCCGACTCGAGCCCCGTGATGTCCGGCACCAAACTGGAGGACTCCCCCCTTGTGCGAACTGGTTCAT  
CTGCTCCGGAGCTGAATGAACTCAAGAGCCCTTTTAAACCCACCAGCTATGACGACGAGGAATTCCT  
CGGTACCTGTGGAGGGAATACCTACACCCGAAAGAATATGAGTGGGTCTGATCGCTGGCTACATCATC  
GTGTTCTGGTGGCTCTCGTGGGCAACGTCTGGTTTGTGTGGCTGTGTGGAAGAACCACCACATGAGGA  
CGGTAACCACTACTTCATAGTCAACCTTTCTTTAGCTGATGTGCTTGTGACCATTACCTGCCCTCCAGC  
CACATTGGTTGTGGACATCACTGAGACCTGGTTCTTTGGACAATCCCTCTGTAAAGTTATTCCTTATTTA  
CAGACTGTGTGAGTGTCCGTGTCTGTCCTCACACTGAGCTGCATTGCCCTGGATCGATGGTATGCAATCT  
GTCACCTTTGATGTTTAAGAGCACAGCCAAGAGGGCCAGGAACAGCATTGTCTATCATCTGGATTGTCTC  
CTGCATTATAATGATTCTCAGGCCATCGTATGGAGTGCAGCACCATGCTCCCTGGCTTAGCCAAATAAA  
ACCACTCTCTTACAGTGTGTGATGAACGCTGGGGTGGTGAATTTACCCCAAGATGTATCACATCTGTT  
TCTTTCTGGTGCATACATACATGGCACCACTGTGTCTTATGGTATTGGCTTATCTGCAAAATATTTTCGTA  
CTGGTGTGCGCCAGATCCCTGGAACATCATCTGTAGTTCAGAGAAAATGGAAGCCCTGCAGCCTGCTTCA  
CAGCCTCGAGGGCCAGGACAGCAGCAAGTCCAGGATTAGCGCTGTGGCCGCTGAAATAAAGCAGATCC  
GAGCCAGACGGAACAGCCGGATGCTAATGGTTGTACTTTTGGTGGTTTGCATTTGCTACTTACC  
TAGCATCCTCAACGTGTCTAAGAGAGATATTGGGATGTTTACCCACACGGAAGACAGAGAGACCGTATAT  
GCCTGGTTTACATTTTACACTGGCTTGTATATGCTAATAGTGTGCGAACCCAAATATTTTATAATTTTC  
TCAGTGGAAAGTTTAGAGAGGAATTTAAAGCTGCATTTTCTTGTCTGTTGCCTTGGAGTTCACCATCGCCA  
GGAGACCGGCTCACCCGGGGCCGACGAGTACAGAGAGTCCGAAGTCTCTGACCAACCCAGATCAGCAAT  
TTCGACAACGTATCAAACTCTCAGAGCAAGTTGTGCTCACCAGCATAAGCACACTCCCAGCAGCCAATG  
GAGCAGGGCCACTTCAAACTGGTAGAACATTTCATTATGACAGGGATATCTGAGGAAAACCTACTCTT  
TTCTAAAAATCTCTGTGTACAAAACTTTATTACCTAATGATCTGAAGCTAAAAATTACGTTGTGGACCT  
TTTTTGTTTTTTAACTTATGCTTTTGGAAATAAAAAAAGTCAGTTTAAAAAT  
>GBCA0268 |Acc|AF021873 AF023846|Ver|AF021873.2 GI:5597004|Canis familiaris beta-actin  
mRNA, complete cds.  
ATGGACGATGAAATTGCGGCGCTAGTTGTAGATAACGGCTCCGGTATGTGCAAGGCGGGCTTCGCGGGGG  
ATGACGCCCTCGAGCGGTGTCCCGTCCATCGTCGGGCGACCCCGGCACAGGGCGGTGATGGTGCGCAT  
GGGCGAGAAGGACTCCTACGTGGGCGACGAGGCCAGAGCAAGCGGGGCATCCTGACCTCAAGTACCCC  
ATCGAGCACGGCATCGTCACCAACTGGGACGACATGGAGAAGATCTGGCACCACACCTTCTACAACGAGC  
TGCGCGTGGCCCCCGAGGAAGCACCCGTGCTGCTGACCGAGGCCCCCTGAATCCCAAAGCCAACCGTGA  
GAAGATGACTCAGATCATGTTTCGAGACGTTCAACACCCAGCCATGTATGTGGCCATCCAGGCTGTGCTG  
TCCCTGTACGCCCTCTGGCCGACCACTGGTATTGTCTGACGACTCTGGGGATGGCGTCACCCACACTGTGC  
CCATCTACGAGGGGTACGCCCTTGGCCACGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACTGA  
CTACCTCATGAAGATCCTCAGGAGCGTGCGTACAGCTTCAACCACTGCTGAGCGGGAGATCGTGCCT  
GACATCAAGGAAGAAGCTCTGCTACGTGCCCCGAGCTTTCGAGCAGGAGATGGCCACGGCGCGTCCCTCGT  
CCTCCCTGGAGAAGAGCTACGAATACCCGACGGGCGAGGTGATCACCATTGGCAACGAGCGGTTCGCTG  
CCCAAAGCACTCTTCAACCTTCTTTCTGGGGATGGAATCATGCGGTATCCACGAGACCACCTTCAAC  
TCCATCATGAAGTGCAGCTGGACATCCGTAAGGACCTGTATGCCAACACAGTGTCTGTGGAGGTACCA  
CCATGTACCTTGGCATTGCTGACAGGATGAGAGGAAATCACAGCCCTGGCCCCAGCAAGGATGAAGAT  
CAAGATCATCGCCCCCTCCGGAACGCAAGTATTCTGTGTGGATCGGAGGCTCCATCCTGGCCTCGCTGTCC  
ACCTTCCAGCAGATGTGGATCAGCAAGCAGGAGTACGACGAGTCCGGCCCCCTCCATCGTCCATCGCAAT  
GCTTCTAGATCGACTCGAGCAGATGCGTAGCATTTGCTGCATGAGTGAATTCGGAAGTATAAATTTGGCC  
CTGGCAAATGGCTAGCCTCATGAACTGGAATAAGCGCTTTGAAAAGAAATTTGTCTTGAAGCTNGTAT  
CTGATATATCAGCANTGGATTGTAGAATTTGTGCTGATCTTGACNTTGTATCCAAGTTAACTGTTCCCT  
TGGTATATGTTTAAATACCGCCTATTCCAGGATTCTCTAGAGGCTGGCAAGAGTCTGAACCAGTTGTCTATT  
TCTGTCTTGGCGGTCTAACAGGGTTGGGAAGGTCCGAGCCTTAGGACCCACTTTCTGTCTTACCCAATG  
TTTTCTGCCAGAACACCGTGGGTGGTTAATGCTTGAAGTTGGAACCGGTTTGCATTACAACTGTGA  
AATTTATTCTCTTTTAAATTTATGTAAGTTTGTGTAACAATTTCTCAATTTTAAAGAGATGACAA  
CAAATTTTGGTTTTTCTACTGTCTGTGAGAACATTAGGCCCCAGCAACGCGTCATTGTGTGAGGAAAATA



1304

TCTTAATAGTGCTGGTCAGGATGAGCTTGGTGTGTTGTTTCAGTTCCCCAAATACCTGCGCTGCTATCGATG  
 CCTCTTGGAGACCAAGGAGTTGGGATGCCCTTCTGGGATCTGACATCTGCCTCGCCCCGCTGGCAGCAGC  
 TGCATGACTCTCCTCATAAAGAACAGCAGCAGCGGTTCTGACATCATGGTGAGTGACTGCCGCCACAAGG  
 AGCAGATGAGTGATTGTTTCATATAACCCGCTCTTCTCCAGTGTTTGGCTTCTGGATATTTTCTCGATGCTG  
 CCTCCGGGAGTTCTGCATAAACCTCAGAACAGAGTCTTCTACATTCCTTAGAATTTCTGCAAAGACTTG  
 TGAATAAAATCCTGCCAGTTGCCATCCATCTTCTTGATTTCCAGTTGGCTGGCACAGCCAGGACAACCTT  
 CCAATCCTTTTTTACCAGCCCTCCCTGCCCTCTCTCAAGTTACTGGCCCCAGCCCTGTCTCTTAGTTGACA  
 CCCCCTAAGCTCCCCGACTCCCACTCTGCCCTCCCCCAGGCTCCCTCTCCAGAAGTCTGAGTTTTCAAG  
 TCCTCAGGGTCTGACAGCTTTTGTCTCTTCTCCCACTCTTCAAGCTGCTTCTTTGCCCGGCTTTGCCCA  
 TCTCCCACCACAAGCCAGTCTCGCCTCAAGTCCCCAGGTGTTCTCCCAAATAAATTGGTGTACAAACTC  
 AAAAAAAAAAAAAAAAAAAAAA

>GBCA0272 |Acc|AJ238951|Ver|AJ238951.1 GI:5459307|Canis familiaris mRNA for CE9 protein.

CTACCTTTGATCAAATCTACCTTCAGTTCCATGGGAGGCTTTGAGGGTCATCTGTACCCAGGGCTGTCTC  
 TCTTCTCTATGGACTTTATCATGCACGACTAGTATCAAGGGCCTTGATATGCAACCACCTGTCCAGTA  
 TCGGCCATGTCTATCCCTGGAGAAAAGGAAGATGGGCAAGGCTGCAGCAAATATACTATGTTGGGCTGGTG  
 AAGATATTAAGTGCCTTCATTTTAGCAGCACAAAGAGCTGCATAACGTACATGGACAATTTGTACTTATCA  
 GCAAGATATATCATCAGAGAACTTTTTGTACCGCAAACAGTGGCAGCATCTCACTCTGTATATGACTTT  
 CTTCTTGAGCGGGTGTACGGATGTAGTGAGCCAGAACCTGCTGCCCCAGAGGTGTGCTGCTCTGGAGCAA  
 GGTGCCCCAAGCCCTGGGCATATTTTTATTTCTGCCTCTCATGATGTCTCACATGCAGGACTCAGAAGGTG  
 TGGAGCTACAGTCTCACATCCTGCTTACTCAGGCCATGTTCTGCTGGTGGTGGTGATTGCAGAGCT  
 GTGGGCTCCCAATATGCTGCAGCTTTGGGTTATGAAGGCCTTTTTTTATATGATGATAGGCTCTTGGCTG  
 ATTACAGATAGGCTTTATGCTGTACAAACCAATTTCTGGCTATAAATGGATGGATGATGACAAAAACAACA  
 TTATATTTGTACACCTTCTTCTGCTGGCATGTGGCTTTTCATTGCCATTTTAATGATCTGGGCTATGG  
 CTTCTCCTTTTTGTGGTATTATTACATTTGTTGAGGTATGAACCTTGGTGATCCCAGAATGGCTTTTGTC  
 ACCTGCACATTCTGGAATACCTAGATGAGAAGTGTAGGAAGTGGAGGTGTTAGAAAGGAAGATGACTGA  
 GGCAACAGACTTTGTTGGGATGGACATCCACCTCTCCCCTTCTGGCTTCTGAGCAGTCTCATCTGCTGGG  
 CAGTATGCTGGGACAGGCAAAATGAAACCCAAAGAAGATTATGACCTTCACTCTCAGCTCCCCAAGTATT  
 TCCCCTACCTCTCCTACCTCTCAATTCCAGATGAGGCATTCTCCTTGTCTTGTCTTCTCTGTACTCTTC  
 ACATCCCTCCTAGGAGAATATGAAAATAAATGTGCTGTATCCTGAAAAAAAAAAAAAAAAAAAAA

>GBCA0273 |Acc|AF069071|Ver|AF069071.1 GI:5452943|Canis familiaris growth hormone (GH) mRNA, complete cds.

GCAGCCAGCTCCCCAAAGCGCTCAGGGTCTGTGGACGGCTCACCCCGGCTGCGATGGCTGCAAGCCCTC  
 GGAACCTGTGCTCCTGGCCTTCGCCTTGCTCTGCCTGCCCTGGCCTCAGGAGGTGGGCGCCTTCCCGGC  
 CATGCCCTTGTCCAGCCTGTTTGCCAAACGCCGTGCTCCGGGCCCAGCACCTGCACCAACTGGCTGCCGAC  
 ACCTCAAGAGATTTTGTAGCGGGCGTACATCCCCGGGGACAGAGGTACTCCATCCAGAACGCCGAGCGCG  
 CTTCTGCTTCTCGGAGACCATCCCGGCCCCCACGGGCAAGGACGAGGCCAGCAGCGATCCGACGTGGA  
 GCTGCTCCGCTTCTCCCTGCTGCTCATCCAGTCTGGCTCGGGCCCGTGCAGTTTCTCAGCAGGGTCTTC  
 ACCAACAGCCTGGTGTTCGGCACCTCAGACCGAGTCTACGAGAAGCTCAAGGACCTGGAGGAAGGCATCC  
 AAGCCCTGATGCGGGAGCTGGAAGATGGCAGTCCCGGGGCCGGGCAGATCCTGAAGCAGACCTACGACAA  
 GTTTGACACGAACCTGCGCAGTGACGATGCGCTGCTTAAGAACTACGGGCTGCTCTCCTGCTTCAAGAAA  
 GACCTGCATAAGGCCGAGACGTACCTGCGGGTCAAGAAGTGTGCGCCGCTTCGTGGAAAGCAGCTGTGCCT  
 TCTAGTTGCTGGGCATCTCTGTACCCCCCTCCCCAGAGCCTCCCCAACCCCTGGGGAGTGCCGCTCCAGGG  
 TCCACTGTGCTTTTCTTAATAAAGTTAAGTTGCATC

>GBCA0274 |Acc|Y11133|Ver|Y11133.1 GI:5441556|Canis familiaris mRNA for interferon gamma inducing factor (IL-18).

ATGGCTGCTAACCTAATAGAAGACAATTGCATCAACCTTGTGAAAATGAAATTTGTTAACAATACACTGT  
 ACTTTAAAGCGGAAAGTGATGAAGGCCTGGAATCAGATTACTTTGGCAAAGCTTGAACCTAAACTCTCAAT  
 CATACGAAATTTGAACGACCAAGTCTCTTCTGTTAACGAGGGAAATCAACCTGTATTTGAGGATATGCCC  
 GATTCTGACTGTACAGATAATGCACCCCATACCATATTTATCATCTATATGTATAAAGATAGCCTCACTA  
 GAGGCTTGGCAGTAACCTATCTCTGTGAAGTATAAGACAATGTCTACTCTCTCTCTGTAAGAACAAACTAT  
 TTCTTTTCAAGAAATGAGTCTCCGGATAGTATCAATGATGAAGGAAATGACATCATATTCTTTAGAGA  
 AGTGTTCAGGCCATGATGATAAGATACAATTTGAGTCTTCATTGTACAAAGGACACTTTCTAGCTTGTA  
 AAAAAGAGAACGATCTTTTCAAACCTCATTTTGAAGACAAGGATGAAAATGGGGATAAATCCATAATGTT  
 CACTGTTCAAAACAAGAGCTAG

>GBCA0275 |Acc|AF075602|Ver|AF075602.1 GI:5430698|Canis familiaris prostaglandin E2 receptor subtype EP2 mRNA, complete cds.

GCGGCCGCGTCGACGGCGTCTCTCTCTTGGCCCTCCACCATGGGCAGTATCTCCAATAACTCGGGGTCG

CCGAGCTCACTGCACCAACGTCTCTCCCTGGCCGACAGCTCGGCTAATGAGAAAAATGGAGCCAGAAAAACA  
GTGGCAGGGCAGGCCTTGCTCTCCCGAACCCGACGGGACCCCTCAGTGCACCTGAAATTGAACTTTCAGA  
AGTACCTCTCCGTGAAAAACCCCTTACTGGAGAGAGCTGGTTTCATCCCCACCTGGCCATACGTGGCTGATG  
TTTCTGAAGAGGGAGCTGGAATTTCTGGGGGTACACAAAATCTGATTGCCTTGGTATGCTCTTTGTTTG  
GAATAATTGCTGCTCCGTGATCAATATTTCAGAATTTAAGGAAGACATTTTTTTCATCATTTAAAGCAGG  
CTACCCATTCTGGGGAGCAGTGTTTTTTCGCTATTTCTGGATTTTTTGCCAATTATGTCTGAAAGAAACAT  
GCTACATATCTGGCGTGGGGCAGCCTGGGAGCCAACTGTCAGATAGCTGCGGGAATAGGAATCTTTA  
TCTACGGTCAACCTGCAGACCTGCAGAGAGCTCGGCTTACATCCACAATGCCAGCAAGCTCCAGAGA  
CGACTTCTGCTTTGTGGCTTGTTTTTCCAGAAAATTGTGGCAATGATCCTGTTTCTCACTATTCTGGGG  
TTTTGCAGTGCTGTGCTACTGACGATCTATGGAGTTGGAGAATTAGTCCAAGGGAACAAGATTGTAGAAG  
ATCGTCTTTTATGAAGAATTAACATATATCCAGCAATTTACAGTGAGCTGGAAGACAAAGCGGGAAGATC  
TCTTCTCTGTTGATTATAAGAATTGTGTTTCAGAACTTTCACAGAAAAGGGTCTTAGAATAAGCCAAGAT  
TTCTGTTAAAGGGGCTACAGGCAAAATTTTGATTCTTGCTATGATCTGCTAGTTTAACTAGGATTTA

TTCTCCAAATGGTATATGCTGCCTGTTGTTTCTGTTTCACCTAAAATTCCCCTCCCACCACCCACTTATGG  
GTATGTGATAGACTCCTATTTTCTGTTTCTATTGCTCTCTGGTAGCACTTTATGGAAGTCACGTGTAAT  
GAGCAAGCATTATTTCTGTGCTTATACTGTACAAATAGAGGGAACAAGTGGAAGGGGTTGAGAGCTGAG  
TTAAACTTTTCTGTTTGGAAACACCTGGGTGGATCCGTCATTAAGAGTCTGACTCTTGACTGCAGACTCA  
GGTCATGAGATCAAGCCCCATGTCAGGCTCCTCACTCAGTGGGGAGTCTGCTTGGGATTCTTTCTCTCCT  
TCTCCCTCTATCCCTTCTTCTGCTCTCTGTCTCCCAATCTCATAAATAAATAAATATAATTTT  
>GBCA0278 |Acc|D16413|Ver|D16413.1 GI:303543|Canis familiaris mRNA for immunoglobulin E  
receptor alpha chain, complete cds.  
GCGGCCGCGAGATGCCTGCTTCCATGGGAGGCCCTGCCCTGCTGTGGCTAGCGTCTGCTCTCTCTCTCC  
AGGTGTCATGTCATCAGATACCTTGAAACCTACAGTGTCCATGAACCGCCATGGAATACAATATTGAAG  
GATGACAGTGTGACTCTTACATGTACTGGGAACAACCTCCCTTGAAGTCGACTCTGCTGTGTGGCTCCACA  
ACAACACTACTTGGCAAGAGACGACTTCACGTTTGGACATCAATAAAGCCCAAATCCAGGACAGTGGGGA  
GTACAGGTGTCGGGAAATAGATCCATCCTGAGTGATCCTGTGTACCTAACAGTCTTCACAGAGTGGCTG  
ATCCTTCAAGCCTCTGCCAACGTGGTGATGGAGGGTGAGAGCTTCTCTATCAGGTGCCATAGTTGGAAGA  
ATTTGAGGCTCACAAAGGTGACCTACTACAAGGATGGCATCCCATCAGGTACTGGTACGAGAAGTCAA  
CATCTCCATTAGCAACGTCAACACCAAAAAACAGCGCAACTATTCTGCTCAGGCCAGATCCAGCAGAAA  
GGCTACACCTCTAAAGTCTCAACATTATGTGAAAAAGAGCCCAAGCAAAACAAGTACTCCGGGC  
TACAATTCTGTATCCCGTTGGTGGTGATTCTGTTTGTGTGGACACAGGACTGTTTATCTCGACCAAGCA  
GCAGTTGACAGTGTCTTTCAGATTAAAGAGGACAGGAAGAACAAAAAGCCAGAACCCGGAAAGAACTGA  
TGCCGCTGCTTAAAGAAACATCAGCATCAGCAATCGCTTCTCCATCGTCAGACGTCAGCTCACGATGCACA  
CGGAAGGTCTGCAGTCATGGCTTTGCAGAACTGCTTCATTCAACCAACTCAAACGATTAAGTGGCATG  
TGATAGTAGGTGCTCAATAAACGGCAGTTAGATAAATAAAGAATGAGTAGGGTCATTTATTGGCACCTG  
GCAAAAGACAAGTGCCATTTGAATAAAACAGCTACGAAAGCGCCGCGAATTC  
>GBCA0279 |Acc|D84397|Ver|D84397.2 GI:4972486|Canis familiaris mRNA for metallothionein-  
1, complete cds.  
CGGGCTCTGACTCTCCCTGTGGTCTGCCTGGGACCTCCGTCCTCGCCTCGCCTCGCCTCGCCTCGCCTCG  
CCTGGGCTCGAGATGGACCCCGACTGCTCCTGCTCCACCGTGGCTCCTGCAAGTGCAGTGCAGTGGCTCCTGCA  
AATGCAAGGAGTGCAAATGCACCTCCTGCAAGAAGAGTGTGCTGCTCCTGCTGCCCCGTGGGCTGTGCCAA  
GTGTGCCCAGGGCTGCATCTGCAAGGGTGCCTCGGACAAGTGCAGCTGCTGTGCCTGATGTGTGAGAACA  
CCTGTTCTCTGATGTATATAGAGCAAGCAACATGTACAAACCTGCAGTTTTAAAGCATTTTTTTCATATCA  
CTCTGACTTGTCTTCTACATTCCCGTTTGTATAAATACATGAATTAATTAATAAATTTGTTGAATTTAA  
AAAAAAAAAAAAAA  
>GBCA0280 |Acc|AF126247|Ver|AF126247.1 GI:4877772|Canis familiaris interferon-gamma (IFN-  
g) mRNA, complete cds.  
CGGCACGAGCTATTAGAAAAAGAAAGATCAGCTGAGTCCTTTGGACCTGATCAACTTCATCCAGGAGCTAC  
TGACTTCAACTACTTCGGCCTAACTCTCTGAAACGATGAATTATACAAGCTATATCTTAGCTTTTCAGCT  
TTGCGTGATTTTGTGTTCTTCTGGCTGTAACTGTGAGGCCATGTTTTTTAAAGAAATAGAAAACCTAAAG  
GAATATTTTAATGCAAGTAATCCAGATGTATCGGACGGTGGGTCTCTTTTCGTAGATATTTTGAAGAAAT  
GGAGAGAGGAGAGTGACAAAACAATCATTACAGGCCAAATTGTCTCTTTCTACTTGAACTGTTTGACAA  
CTTTAAAGATAACCAGATCATTCAAAGGAGCATGGATACCATCAAGGAAGACATGCTTGGCAAGTTCTTA  
AATAGCAGCACCAGTAAGAGGGAGGACTTCCTTAAGCTGATTCAAATTCCTGTGAACGATCTGCAGGTCC  
AGCGCAAGGCGATAAATGAACCTCATCAAAGTGATGAATGATCTCTACCAAGATCCAACTAAGGAAGCG  
GAAAAGGAGTCAGAACTCTGTTTCGAGGCCGAGAGCATCGAAATAATGGTCATCCTGCCTGCAATATTTG  
AATTTTTAAATCTAAATCTATTTATTAATATTTTACATTATTTATATGAAGAATATATTTTTTA  
GACTCATCAATCAAAGTATTTATAATAGCAACTTTTATGTAATGAAAATGACTATTAATATATGTATTAT  
TTATAATTCCTGTATCCTGTGGCTATTTCAATCAACCCCTTCTCGCCACTCCCCCCCCACCCGAACCTCTT  
CCTTTTTTTTTTTTCTGACCGACTAGGCAAGACTGTGATTTCAAGGCTTAATCTCAGGGACCAAGTAGG  
CAGCCAACTTAAGTAAGATCCTGTGGGTTGTGATTTATTTCACTTGATACAATGAGCACTTATAAGTGA  
AATGATGCATTCCAGTTGCTGCCTACTTGGGAACATGTCTGCATGATGAGCCACTGCTCTAGAGGCATGT  
CAGACGCCACTTGAATGTGTGAGGTGATGACTTGTGTCTGATTAACACATAGCATTTCTTCTCATGC  
CTGGTGCTTCAGAAATACCACTGACAACATGACTGTACCCAATGAAAAACAATTAATTTGTTTAGTTTCAT  
CAATAGTATATATGATAAATAAATTTTCAATGAAAAAATAAATAAATAAATAAATAAATAAATAAATAA  
AA  
>GBCA0281 |Acc|AF133250|Ver|AF133250.1 GI:4768930|Canis familiaris vascular endothelial  
growth factor 188 (VEGF) mRNA, complete cds.  
ATGAACCTTCTGCTCTCCTGGGTGATGGAGCCTTGCTTGTCTGCTCTACCTCCACCATGCCAAGTGGT  
CCCAGGCTGCGCTATGGCAGGAGGAGAGCACAAACCCACGAAGTGGTGAAGTTTCATGGACGTCTACCA

GCAGCTACTGCCGTCCTTCCATTGAGACCTGGTGGACATCTTCCAGGAGTACCCTGACGAGATCGAGTAC  
ATCTTCAAGCCATCCTGCGTGCCCTGATGCGGTGTGGGGGCTGCTGTAATGATGAGGGCCTAGAGTGCG  
TGCCACTGAGGAGTTCAACATCACCATGCAGATTATGCGGATCAAACCTCATCAAGGCCAGCACATAGG  
GGAGATGAGTTTCTGTCAGCATAGCAAATGTGAATGCAGACCAAAGAAAGATAGAGCAAGGCAAGAAAA  
AAATCAGTTTCAGGAAAGGGGAAGGGGCAAAAACGAAAGCGCAAGAAATCCCGGTATAAGTCTGGAGCG  
TTCCCTGTGGGCTTGTCTCAGAGCGGAGAAAGCATTGTTTGTACAAGATCCGACAGCTGTAAATGTTT  
CTGCAAAAACACAGACTCGCGTTGCAAGGCGAGGCGAGCTTGAGTTAAACGAACGTACTTGCAGATGTGAC  
AAGCCAGGCGGTGAGCCGGGCTGGAAGAAGGAGGCTCCCTC  
>GBCA0282 |Acc|Y16567|Ver|Y16567.1 GI:4127657|Canis familiaris mRNA for retinal pigment  
epithelium abundant protein.  
CGACCGTCTGTCTGCTGCGCTGGGAGACAATGTCCATCCAAGTGGAGCATCCCGCCGGCGGTTACAAGAAGC  
TGTTTGAACCGTGGAGAGCTGTCGTGCGCGCTCACCGCCACGTGACAGGCAGGATCCCGCTCTGGCT  
CACGGCAGTCTCCTCCGATGCGGACCGGGGCTCTTCGAGGTTGGATCTGAACCATTTTACCACCTGTTT  
GACGGACAAGCCTTGTGAGACAAATTAAGCAGGTTGATCTCTGCAACTACGTCTCTGTCAATGGAGCCAC  
GCACCGATGCTTACGTCCGGGCAATGACCGAGAAAGGATCGTCATAACGGAATTTGGCACCTGTGCGTT  
CCCAGATCCCTGCAAGAATATATTTTCCAGGTTTTTTTCTTACTTCCGAGGAGTGGAGGTCAGTACAAAT  
GCCCTTGTAAACGTCTACCCAGTAGGGGAAGATTACTATGCCTGCACGGAGACCAACTTCATTACAAAGA  
TTAATCTGAGACCTTGGAGACAAATTAAGCAGGTTGATCTCTGCAACTACGTCTCTGTCAATGGAGCCAC  
CGCTCACCCACATTGAAATGATGGGACTGTTTACAACATTGGTAATTGCTTTGGGAAAAATTTTTTCG  
ATTGCTTACAATATTGTAAAGATCCCTCCACTCCAAGCAGACAAGGAAGATCCAATAAGCAAGTCCGAGG  
TCGTCTGACAATTTCCCTGTCAGCGACCGATTCAAGCCATCGTACGTCCATAGTTTGGTTTGACTCCCAA  
CTATATTGTTTTTGTGGAGACGCCAGTCAAAATTAACCTGCTCAAGTTCCCTTCTCTGTTGGAGTCTTTGG  
GGAGCCAACTACATGGATTGTTTTGAGTCCAATGAAACCATGGGGGTTTGGCTTCACATCGCTGACAAAA  
AAAGAAAAAAGTATCTCAATAAATAGTACAGGACCTCTTCTTTAATCTCTTCCATCATATCAATACCTTA  
CGAAGACAATGAGTTTCTGATTGTGGATCTCTGCTGCTGGAAGGATTGAAATTCGTCTACAATTACTTG  
TATTTAGCCAAATTTACGTGAGACAAATTAAGCAGGTTGATCTCTGCAACTACGTCTCTGTCAATGGAGCCAC  
TTAGGAGATACGTGCTTCTCTGAATATCGACAAGGCCGACACAGGCAAGAACCTAGTCACCCCTCCCCAA  
CACGACGGCCACTGCAACTCTGCGCAGCGACGAGACCATCTGGCTGGAACCTGAGGTTCTCTTCTCAGGG  
CCTCGTCAAGCCTTTGAGTTTCTTCAAATCAACTATCAGAAGTCTGGCGGGAAGCCTTACACGTACGCGT  
ATGGAATTTGGCTTTGATCACTTCTGTTCCGGACAGGCTCTGCAAGCTGAACGTCAAGACTAAAGAAACGTG  
GGTATGGCAAGAGCCGACTCATACCATCAGAACCCATCTTTGTTTCTCACCCAGATGCCTTGGAAAGAA  
GATGATGGTGTAGTTCTGAGTGTGGTGGTGAAGCCCTGGGGCAGGACAAAAGCCTGCTTATCTTCTGATTC  
TGAATGCCAAGGATTTGAGTGAAGTTGCCAGGGCTGAAGTGGAGATTAACATCCCTGTACCTTTTCATGG  
ACTGTTCAAAAAATCCTAAGTACATTCTAGCAAAATATATTTCTATTGACAAAGTCAAGAAAAAGTGAGG  
TCTGCAATCAAATTTCTGTTCAATTTTAGCCTGCTGTATTACATGGTTTTAACTTGCAGATGCACACGATT  
TTGCAATATTTTACAGAAAGCAGAGGGGTAGCAAGCAATCTTCTTAAAAAATAAGATTTAGATAA  
TCATAATTTCTTTGTATACAGGCAGACCATAAATAAATACTTTTATATATTTAGCAATCTAATAGAC  
AACGAATGTAGATTTATTTAACTTTCTTGTTCCTATTATGAAAGTGTATTTTAGGTGCCATCTTCTCCA  
ATTATTTTAAACATTTAAAGCCAAAGTTCTCTACACCTGATTGGTATGTGGCTTTGCTGAGCGCAAGG  
CGGTACCATGCAAAAAGGCTAAATTAAGTGAATGTGAGACCAAACTTTTTTCAAAACCAGGGACTATCAT  
CTAAGAGTAATCCAGTAATTAAGTATATGTATATGTATGTATATATACCTAAGTGTATGTATATGTAT  
ATATATACACTCTATTATTGTTTACAAGATTCTCAAGCTTTATGACCTTCAACACTTCCATTTAATATAG  
GCAATTACTGATTATTTCTGATTTTACAATAAGAAAGCCTCTCTCTAATCAACTGACAACTTAATCTC  
TGTGATGTTATTTGATTAGAAGCTATCTATTAAAAGCTTACATAACATCAAAGCAAAAAA  
AAAAA  
>GBCA0283 |Acc|Y18136|Ver|Y18136.2 GI:4688653|Canis familiaris mRNA for vasopressin V2  
receptor.  
CCAGGCGCTCGAGACACCTGCCCGGGCCCCACCATGCTCCTGGCATCCACCACCTCGGCTGTGCCCGGA  
CCCTCTCTCCACCTACTCCAGCTGGCAACGGCAGCAGGGAGCTGCTGGACACCCGGGACCCGCTGCTGT  
CCAGGCCGAGCTGACCCCTGCTCCACGGTCTCTCGTGGCTGTGGCCCTGAGCAACCGGCTGGTGGGG  
GCCCTGGCGCGCGGGTCCGGCGGGGTGCTGGGCACCCATGCACGTCTTCATTGGCCACTTGTGCTGG  
CCGACCTGGCTGTGGCTCTGTTCCAAGTACTGCCCCAGCTGGCGTGGGATGCCACGGACCGCTTCCGTGG  
GCCTGATGCCCTGTGCCGGGCGAGTCAAGTACCTGCAGATGGTGGGCGATGTATGCCTCCTCCTACATGATC  
CTGGCCATGACGTGGACCGCCACCGCGCATCTGCCGCCATGCTGGCATACCGCCACGGAGGTGGAG  
CTCGTGGAAACCGGCCGGTGTGGTGGCCTGGGCCCTTCTCGCTCATTCTCAGCCTGCCCCAGCTCTTCAT  
CTTTGCCAGCGTGACGTGGGAAATGGCAGTGGGTGCTTGGTACTGCTGGGCCCACTTCGCTGAGCCCTGG  
GGCCTCCGAGCCTATGTCACCTGGATCGCCCTAATGGTCTTTGTGGCACCTGCCCTGGGCATCGCGCGCT

GCCAGGTGCTCATCTTCCGGGAGATTCACTCCAGCCTGGTGCCGGGGCCAGCAGAGAGGGCTGGGGGGTG  
CCGTGGAGGGCACCAGGACCGGCAGCCCCAGCGAGGGGGCCCGGGTGTCCGCAGCCATGGCCAAGACGGTG  
AGGATGACGCTGGTCATTGTGATCGTCTACGTGTTGTGCTGGGCGCCCTTCTTCCGTCGTGCAGCTGTGGG  
CAGCGTGGGACCCGAGGCGCCCTGGAAAGGGGGCCCCCTTCGTGCTGCTTATGTTGCTGGCCAGCCTCAA  
CAGCTGCACCAACCCCTGGATCTACGCCTTCTTCAGCAGCAGCGTCTCCTCCGAGCTGCGCAGCCTGTTT  
TGCTGGGCCCCGAGTCGGGGCCCCACCCAGCCTGGGGCCCCAAGAGGAGTCTGCGCCACGGCCAGCTCCT  
TCTGGCCAAGGACACTTCTCCTGAGGAGCCAAGGGGCGCCTTCTTCCAGAGGCTCTGCGAGGGCCCCGG  
CTGCCTACCTGGGGCTGGCCCTCGGACCCCTGGGGGGAGGAGACCCTCTGGGAGGGGGCTCTGGGACTAG  
GAGCCAGAGGTGAGCTCCTTGGGGGCTAGCGTGGGGGGGCTAGGGCGGCAGCCGGGGGCTCTGCTGGGG  
GGCGCACAAGGCTCCACGCAGCGGTGCTTCCCCCTGACAGGAGGCTCCTCGGAGCCCGGGAGGAAGGA  
AAGGGGTAGGGGGCTCTCTGCTCCCCCTCTGCCCTCCCCCTCACTCTGTCCCTAATAAAGATCCAGC  
ACTTTTTCCATAAA

>GBCA0284 |Acc|U54792|Ver|U54792.1 GI:1403704|Canis familiaris A3 adenosine receptor  
mRNA, complete cds.

CGGGAGGCTCTCCAAGGGAGCGTCCCACCAGAGAAGAGAAGGAATGAGCAAGTTGTGAATTTGGGACCGT  
TGCTGTTGCACCTGAACCTCTAGCGAGATGCCTGGCAAGAGCTAGGCTCACCGGGCCACACGGATCCTGT  
CAGCAGCCCTATTACTTGGGAAGCTCCTTGGAGAAAGCAAGATGGCTGTCAATGGCACTGCCCTGTTGTT  
GGCCAATGTCACTACATCAGAGTGGAGATTCTCATCGGGCTCTGCGCCATCGTGGGCAATGTGTTGGTC  
ATCTGGGTGGTCAAGCTGAACCCAGCCTACAGACCACCCTTCTATTTCAATTGTCTCCCTGGCCCTTG  
CTGACATTGCCCTTGGGGTGCTGGTCAATGCTTTGGCCATTGTATCAGCCTGGGCATCACAATCCAATT  
TTATAACTGCCCTTTTATGACCTGCCCTGCTGTTGATCTTCACTCATGCTTCCATCATGTCCCTGCTAGCC  
ATTGCTGTGGACCGGTACCTGCGGGTCAAGCTCACAGTCAGATACAGGAGGGTCACCACACAAAGAAGAA  
TATGGTTGGCCCTGGGGCTTTGCTGGCTGGTGTCTTCTGGTGGGACTGACCCCATGTTTGGCTGGAA  
CATGAAACTGACCTCAGAGCACCAGAGAAATGTACCTTCTCTCGTGCCAGTTCAGTCTGTGTATGAGG  
ATGGACTACATGGTCTACTTCAGCTTCTTCACTTGGATCTTAATCCCCCTGGTTGTATGTGTGCCATCT  
ATCTTGACATATTCTATGTCATCCGGAACAAACTCAATCAGAACTTTTCAAGCTCCAAAGAGACAGGTGC  
ATTTTATGGACGGGAGTTCAAGACGGCCAAGTCCCTGTTTCTGGTTCTCTTCTGTTTGGCTTTTTCTCGG  
CTGCCCTTTATCTATCATCAACTGTATCAGTACTTTTATGGTGGAGTGGCCACAGATCATACTGTATTTGG  
GCATTCTGCTCTCCCATGCTAACTCTATGATGAACCTATTGTCTATGCTTATAAAATAAAGAAGTTCAA  
GAAACCTATCTTTTATCTTCAAGACCTATATGATCTGCCAGTCTCTGATTCTTTGACTCAAGCACT  
GAGTAGACTTCTGAGTAGTTGTCTTGAAGATGATTCTTCAACCCCATTAACCTCCAGATTCAACATCA  
GTAAACACTTGAGGACCTATTTGCCCTGAGCCAAGGGCTTTTCACTCCTTAATTTCTTCTACTGAGGTGGG  
GAGCATTTGACTGGTTGCCTCCAATTGTATCTCCCCTAACACCTTCTGTAATCCAATTATTTTCTTGT  
CCTTCTTCTGATTTCTGATCTTCAAGACCTATATGATCTGCCAGTCTCTGATTCTTTGACTCAAGCACT  
TTCTCTCTTCCCAAGCAAGAGGAGAAGTTATGGAATCCGAAGGAGGCCTTGTGACTCAGAGATGAAAAG  
TCCAGTCTGCGGGACATGAGTGTGGTGGCGACTCTGTTCCACTCCATTGCAGAATCACACCAAGAAAC  
CTACCCAGCAGATGTCAGGGAGATGGTAGGAACAGTGTCAAAAGGGAGACTTAAACTGCTG

>GBCA0285 |Acc|X87224|Ver|X87224.1 GI:984113|Canis familiaris mRNA for ribosome receptor,  
p180.

GAGGCAGAAAGTGCCACGACTCCACACGCGCGCACGCAGCCAGCGAGCGGCGGAGCGGACGGCGGACGG  
GGCGGACGGCGGTGGGGTTCGCGGCGCCTGCAGCTGCTCGGGGCGGCTTCTCGGCGGAGGCTCGGCCGGCT  
CCTCTCTCCCGCTCCGCGGCGGCGGCGGCGGCGGCGGCTCTGCCCTTTCGCTCTCCCTCCCGCGT  
CTCCGGCTGCAGGTAAAGGGAAAGCAAGCCAGGATGGATATTTACGACACTCAGACCTTGGGGGTATGG  
TATTCGGTGGATTGATGGTCGTTTCTGCCATCGGCATCTTCTGGTGTCAACCTTTTCCATGAAGGAGAC  
GTCATATGAAGAAGCCCTAGCCAACAGCGCAAGGAGATGGCAAAACTCACCACCAGAAAGTAGAGAAG  
AAAAAGAAGGAGAAAACAGTGGAGAAGAAAGGAAAAACCAAGAAAAAGGAAGAGAAACCTAACGGGAAGA  
TACCTGACCATGAGCCAGCCCCAATGTGACCATCCTTCTCAAAGACCCAGTGAGGGCACCCGAGTGCC  
CGTGGCTCCAACCTCGGTCCAGCTCCTGTGGTCATTGCCCTGTAGCCACAGTACCAGCCATGCCCAA  
GAGAAGTTGGCCCCCTTCTCCTAAGGACAAAAAGAAAGGAGAAAAAGTGGCAAAGGTGGAACAGCAG  
TCAGTTCTGTGAATTCCTGCTCAAGTTCTTGGCTCCAAGGCTGCCATCTTAGAACTGCTCCCAAGGA  
GGTGCCTATGGTGGTTGTGCCCCAGTGGGTGCCAAGGCGGTACCCAGCCACCAGCACTGCACAGGGC  
AAAAAGGCAGAGGGAGCCAGAACAGAGCAGAAAGGCAGAGGGAGCCCCCAACAGGGCAAAAAGGCAG  
AGGGGGCCCTCAACCAAGGCAAAAAGGCAGAGGGGGCCAGAAATCAGGGCAAAAAGGTAGAAGTGGCCCC  
AAACCAAGGCAAAAAGGCAGAGGGGGCCAGAAATCAGGGCAAAAAGGTAGAAGTGGCCCC  
AAAAAGGCAGAAAGGAACCCCAAGGCAGGGCAAAAAGGCAGAAAGGGGGCCCCAAGGCAGAAAGACAG  
ATGGGGCTCCCAACAGGGCAAAAAGTCAAGAGGCTCCAAACAGGGCAAAAAGGCAGAGGGGGCCCA  
GAATCAGGGCAAAAAGGTAGAAGTGGCCCCAAGGCAGAAAGGCAGAGGGGGCCAGAAATCAGGGC



AAAAAGGTAGAAAGGGGCCAGAAATCAGGGCAAAAAGGCAGAAAGGAACCCCAAACAGGGCAAAAAGGCAG  
AAGGGGCCCCCAACCAAGGCCAAAAGACAGATGGGGCTCCCAACAGGGCAAAAAGTCAGAAGGAGCTCC  
AAACCAGGGCAAAAAGTAGAGGGGGCCAGAAATCAAGGCAAAAGGTAGAGGGGGTGCAGAATCAGGGC  
AAAAAGCCGAAGGAGCACAGAATCAGGGCAAAAAGGCAGAAAGGACCTCCAGCCAGGGTAGAAAAGAGG  
AGGGGACCCCAAACTGGGCAAAAAGGCAGAGGGGAGCCCCAATCAGGGCAAAAAGGTGGAAGTGGTTCA  
GAACCAGAGCAAAAAGGTAGAGGAGCCCCCAACAGGGCAAAAAGGCAGAGGGGTCTCAGAACCAGGGC  
AAAAAGACAGAAGGGGCTCCCAACCAAGGCAAAAGGTGGATGGGGCTCAGAACCAGGGCAAAAAGGCAG  
AGGGAGCCCCCAACAGGGTAAAAGGTAGAGGGGGCTCAGAACCAGGGCAAAAAGGCAGAGGGGACCCC  
CAACCAGGGTAAAAGGCAGAGGGGGCTCAGAACCAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGC  
AAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAG  
AGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCC  
CAACCAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGC  
AAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAG  
AGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCC  
CAACCAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGC  
AAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAG  
AGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCCCAACAGGGCAAAAAGGCAGAGGGGGCTCC  
CAACCAGGGTAAAAGGCAGATTTGGTTGCTAATCAAGGCACAAAGGCAGAGGGTGTTCAGGGCAGGGG  
AAAAAGCAGAGGGGGCCCCCAATCAAGGCAAAAGGGAGAAGGAACCCCAAACAGGGCAAAAAGTCAG  
AAGGATCTCCCAACAGGGCAAAAAGGTGGATGCGTCTGCCAATCAGAGTAAAAGGGCAGAGTCAGCTCC  
TATCCAAGGCCAAAATGCAGATATGGTCCAGAGCCAAGAGGCACCAAAGCAAGAGGCTCCTGCAAGAG  
AAATCTGGTTCAAAGAAGAAAGGTGAGCCTGGGCTCCAGACTCTGACAGCCCTCTCTACCTCCCCTACA  
AGACGCTGGTCTCCACAGTTGGAAGCATGGTATTCAACAGGGGTGAGGCCAGCGGCTCATTGAGATCCT  
GTCCGAGAAGGCTGGTGTCTTCAAGACACCTGGCATAAGGCTACTCAGAAGGGTGACCCCGTGGCGATT  
CTGAAGCGCCAGCTAGAAGAGAAGGAGAAGCTGCTGGCCACAGAGCAGGAGGACGCGGCTGTTGCGAAGA  
GCAAACAGAGGAGGTGAATAAGGAGCTGGCAGCAGAAAAGGCTAAGGCAGCAGCGGGGAGGCCAAGGT  
GAAGAAGCAGCTGGTGGCCCGGAGCAGGAGATCACAGCGCTGCAGGCGCGCATCGAAGCCAGCTACCGG  
GAGCATGTGAAGGAGGTGCAGCAGCTGCAGGGCAAGATCCGGACCCCTTCAGGAGCAGTTGGAGAACGGCC  
CCAACACACAGCTGGCCCGCTCTGCAGCAGGAAAATTCATCTGAGGGATGCCCTTGAACAGGCCACGAG  
CCAGGTGGAGAGCAAGCAGAACACCGAGCTGGCCAAGCTCCGGCAGGAGCTCAGCAAGGTGAGCAAGGAG  
CTGGTGGAGAAATCAGAGGCTGCGCGGCAGGAGGAACAGCAGCGAAAGGCCCTGGAGACCAAAACAGCCG  
CCTTGGAGAAGCAGGTCTTACAGCTGCAAGCATCTCACAAGGAGAGTGAGGAGGGCCCTGCAGAAGCGCT  
GGACAGGTCAGCCGGGAGCTATGCGCTCCAGAGCCAGCATGCCAGCCTGCGGGCGGATGCCGAGAAG  
GCCCAGGAGCAGCAGCAGCAGATGGCTGAGCTGCACAGCAAACCTTCAGTCTCCGAGGCGGAGGTGAAAA  
GCAAGTCTGAGGAGCTGAGTGGTCTCCATGGGCAGCTCAAGGAGGCCAGGGCCGAGAATCACAGCTCAT  
GGAGAGAATCCGGTCCATCGAGGCCCTGCTGGAGGGCGGGCCAGGCCCGGGACACCCAGGATGCCAGGCC  
AGCCGAGCGGAGCATGAGGCCCCCTCAAGGAGCTGAGTCCAGGTGTGGTGCCTGGAGAAGGGCCCGAGCTGCT  
CCGAGCTCAAGGAGGCTGTTGAGCAGCAGAAAGTGAAGAACAACGACCTCCGAGAGAAGAACTGGAAGGC  
CATGGAGGCTCTGGCCTCGGCCGAGAGAGCTGCGAGGAGAAGCTCCGCTCCTTAACCCAGGCCAAGGAG  
GAATCCGAGAAGCAGCTCAGCCTGACGGAGGCCAGACCAAGGAGGCCCTGCTGGCCCTGTTGCCGGCTC  
TCTCCAGCTCAGCCCCCAGAGTTACACCGAGTGGCTGCAGGAACCTCCGAGAGAAGGGCCCGAGCTGCT  
GAAGCAGCGGCCGCTGACACAGATCCGTCTCGGACCTGGCTTCCAAGCTGAGGGAGGCTGAGGAGACC  
CAGAACAATCTGCAGGCCGAGTGTGACCAAGTACCGCACCATCTTGGCAGAGACGGAGGGCATGCTCAAAG  
ACCTGCAGAAGAGTGTGGAGGAGGAGGAGCAGGTGTGGAAGGCCAAAGTGAGCGCCACGGAGGAGGAGCT  
TCAGAAGTCACGGGTACAGTGAACATCTCGAAGACATTTAGAGAAGCTAAAAGGAGAATTTGAAAGT  
TCAGAGCAGGTGAGGGAGCACACCTCACATCTGGAAGCAGAGCTGGAGAAGCACATGGCAGCTGCCAGCG  
CTGAGTGCCAGAGCTACGCCAAGGAGGTGGCGGGGTTGAGGCAACTTTTATTAGAGTCTCAGTCTCAGCT  
GGATGCAGCCAAGAGTGAAGCCCAGAAACAAAGCAATGAGCTCGCCCTGGTCAGGCAGCAGTTGAGTGAG  
ATGAAGAGCCACGTAGAGGATGGTGACGTAGCTGGGTCCCAAGCTGCCCCCAGCAGAGCAGGAGCCATG  
TCGAGCTGAAGGCGCAGCTGGAGCGGACAGAGGCCACCCCTGGAGGACGAGCAGGCGCTGCGGAGGAAGCT  
CACGGCCGAGTTCCAGGAGGCTCAGAGCTCTGCGTGCCGCTCCAGGCCGAGCTGGAGAAGCTCCGAGC  
ACAGGGCCCCCTGGAGTCTTCAGCAGCAGAGGAGGCCACACAGCTGAAGGAGAGACTAGAAAAAGAGAGA  
AAGTCAAGTGAAGTGGAGCATGCTGCCACCAATTCAGAGGAGCTTTTGAAGACACCCAGGAGCAGCT  
GGCAAAGGAGAGAGACACAGTGAAGAAGTTGCAGGAGCAGTTGGACAAAACAGACGACAGCAGCTCAAAG  
GAGGGCACTTCTGTCTGAGTCTGCTCTTCGGGAAAAGAAAGTTCCCATTAACCTACCAAAATGCCTTACA  
CATTTCTTACAAATAAATAAACCACCAACACACCGTTATCCAGGCCCAACCTCCAGTAGCTCTGAGAGA  
AGCCATGAGAGCTCTTGAATCAGAGAAATAGACCTTCAGAGCCCTTGTGTTGTAAGAAGAACCTTTGTC  
ACATTTGATAAAGACTATTCCCCAGGACAGCCCTGGACCAACACCGAGCAGCGCCAAAGCCCTTACCA  
GCTCTGTGACAGACCCAGGGTATGTGCTGGGGAGGCCGGGACGCTGGGTATCTGTATGTCAATCAGTGC  
AATTGTTTTCTTCCCTGGGTGGGGCTCAGGAGGCGAGCGGCTGGTGGTGGTCTCCAGGGCTGTGGA



GCAGACTGGAGGGGGCCAGCCAGCCGGGGAGGCAGCAGCCTCTACCCCCGGGGGAAGTTGCCAGCAAGA  
 ACTGATGTGTGACTTCCCTGGATGTTAATGCCATTAAACCAACATTGTTGCCCGGCAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 >GBCA0286 |Acc|AB024517|Ver|AB024517.1 GI:4520325|Canis familiaris mRNA for DVS27  
 protein, complete cds.  
 TTCAGAGGAGAAATCAAACCAAGATTACACGAAGCTTCAACAACAAAGGCTAAATGAAGTATTCAACCA  
 CGAAATCCCCCAGCAAAGATGAACAGTTTCAGCAGACAAGGCTTTGGTAAATCTCCTAAGCTGAGAAA  
 ATCCCAACAGAAGCCTGAAGGAGTTTGCCAGATGTACTTTATGCAACTGCGTTCTGGCCTTATCATAGAA  
 AAGACATCCTGTTACTTTAGGAAAGAAATCACCAAAAGGTATTACCAAGAACAGCTGAAAAGTGCAGAA  
 AGCAATGTCTGGTATTCACCTGCCTGTCTATCAGCAGCTGAACAAAGATTTACCTCTGATGTCCCTATGTT  
 ACAGAAATGTTTTGGAAGAGCTAATGTTCCAAGTATCCAAGAATATTCTGCTTCTCTGAGCACATACAAT  
 GATCAATCTATTACTTTTCGTTTTTGAGGATGGAAGTTATGAGATCTATGTAGAAGACTTGAGAAAAGGCC  
 AAGAGAAAGATAAGGTGTTATTCCGTTATTATGATTCCCAATCCCCCTCACATGAAACAGGTGATGATGT  
 TGATGGCCAGACGTTATTGGTAAACCTGAGTCTACAAAAGATAAAGATTTTTTGCTGCATGCCAACAC  
 GAGGAACATTCTGTGGAGCTACAAAATGTGAAAACCAATTGCCAGACCAGGCCCTTCTCCTCCTTCATA  
 GGAAGTCTTCTGAATGTGTTTCATTGCAATGTAAGAACAATCCTGGAGTGTATAGGAGTAAAGGATAA  
 CCACCTTGCCTTAATTAAGTAGGAGACCAAACTAAGGATTCATATATAGAGAAAACCATATTTAAGCTC  
 TCTTAAATTTAATGGGATGAAAAAGTTGTCAATCCTGGGTGGGTAGCCAGATAGCTACTGCTGAAGA  
 AAGAATAAGAGATAAAGAGATAGACAACATTTAAGGGAAATAAAGAGTACTTAGTATGCTATGGAATGTT  
 TTTCTTATTATGTGTAATAATATATTTTATAATCCTTCAGTTCTGTTTTTTATTACCCTTGTCTCACTAC  
 ATATTCAATAGTGTATTATTAAGGAGACCTCAGAAAATATACAACCTGACTTTTACTTTTTCTACTTGCT  
 GTCAGAGAAAGAGCTTAATATCTAATTAAGCTCTGCTGAGACCTCTGGGGACAAGGAAGGGCCTTAATCCA  
 AGTTTCATTTTAGACAAGGATTTCAAAAAGCCACATAGAGACATAATTTTCCCTGGTCCAAACAAGTTC  
 AAACAGTAGAGCTGTTGGTGAAGAGCAATCAGCTCTACTTAGACTGAACATTTCAAAAATGGAATAAAA  
 CACCAAAATTTGTTGAAGATTTCCCAAATTTAGATACCTTACACATGTAGGCAGATAATAAATATGTG  
 AAATGACAGAGACAATTAATATCTAATTAAGCTCTGCTGAGACCTCTGGGGACAAGGAAGGGCCTTAATCCA  
 TAATTGTTTCATTTTAAATGCTGATTTTATAGATGGAGTTAAATTTAGCAAGACATCTTACATTAG  
 GAAGTAAATAAATTTTATCTCAGACATATAATTGAAATCATTGGGAATATCTCACAACTAAAACATTA  
 TTTTAAAGCATTGAGACACAACATACCTTAAGACATCAAAGTACCATGGGATCCAAGTACCATGGTGAGG  
 CCACAAGTTCCCTTATCTACTAGAACCTAGATTGGACACAGCATTAAACATTACAATTTAATAACTGGCT  
 ATCCCTTATGTTTCATTGTATCTGTCTTTCTGACTCTATGCTCCAGGGATCTGTAACCTGATATACATGT  
 CACCTGACAAAAATTTCTTATAATCCTTTCTTACCATGTGTACAGTGTTTTTCTTGTCACCTTCCTG  
 ATAGTCTGTTTACTATGGAATATTTATTGACTTTTCTTCTTCTTCTTTTGACCAACTCTGTTCTTG  
 ATATACATTTTGTGCCCCGTGAGCTTCAATCCATATCACCTGACCTCTGGACACCAACATATTTTCTAT  
 TTTGCTCTCTGATGTAGAATTTACATAAGCCTATTGATGGGAATATTTTTTATTAAACATCTTTGTAT  
 TTTACATTACTAAGGTAGTAAATTTATTCTCAACGATATATGATTTTCAACTACTAAAGGAATAATTT  
 TTGCTTATTTTAAAGTCTTAAATTTCTACTATACTTTTCTATAGGCTTAACATTGACAATAAGTGATAAC  
 TAGTAACAGAATACTTATGAAATACAACCTGTTCTGAAAGTGTGGCTTTTTAATTTCTAATTTGTTGAGA  
 TCTATTGGATATAATGATGGTGAACATAAGATTAGAAAGGCTGAGAATTACTGAGTGAGGGTAAACAAT  
 TGTAACAACATAGCTTTTCATTACATTGTCAGTTTTATTATGAAGACAAAAATAAAGCAGAATATATAT  
 CATCTCTCTGAAAAACATAAATGTTGACCATGTGATGATATATACTCGAAATGATTTGTTTTTA  
 AGTAACTAAATATATTAATTACATTAATTTCTCAAGTTGTATTTTTTAAAGTATGTGAGGCCATGATGA  
 TTTTATCATAAAAATACTATTCTGAAATTTTTAAGTCAAAGCAATCTTACCTTAATCCACTGATGTTGGT  
 ATCTGGGGTAGGTCATTTGTCTGGTGATTCAAACTAAATAAGATATTCCAAAG  
 >GBCA0287 |Acc|AB012223|Ver|AB012223.1 GI:2981630|Canis familiaris LINE-1 element ORF2  
 mRNA, complete cds.  
 CAAGGCTCTCATTCAAAATGGAAGGAGAGATAAAGAGCTTCAAGACAGGCAGGAAGTGAAGAAATATGT  
 GACCTCCAAACCAGCTCTGCAGAAATTTTAAAGGGGACTCTTAAATTTCCCTTTAAGAAGAAGTTCAG  
 TGGAAACAGTCCACAAAAACAAGGACTGAATAGATATCATGATGACACTAACTCATATCTCTCAATAGTA  
 ACTCTGAATGTGAACGGGCTTAATGACCCCATCAAAAGGCGCAGGGTTTCAGACTGGATAAAAAAGCAGG  
 ACCCATCTATTTGCTGTCTACAAGAGACTCATTTTAGACAGAAGGACACCTACAGCCTGAAAAATAAAGG  
 TTGGAGAACCATTTACCATTGCAATGGTCTCAAAAGAAAGCAGGGGTAGCCATCCTTATATCAGATAAA  
 CTAATTTTACCCCAAGACTGTAGTGAGAGATGAAGGGACACTATATCACTTAAAGGATCTATCC  
 AACAAAGAGACTTAACAATCTCAATATATCTCCCAAGTGTGGGAGCTGCCAAATATATAAATCAATT  
 ATTAACCAAGTGAAGAAATACTTAGATAATAATACACTTATACCTTGGTGACTTCAATCTAGCTCTTCT  
 ATACTCGATAGGTCTTCTAAGCACAACATCTCCAAAGAAACGAGAGCTTTAATGATACACTGGACCAGA  
 TGGATTTTCAGATATCTACAGAACTTTACATCCAACTCAACTGAATACACATCTTCTCAAGTGACACA

TGGAACCTTTCTCCAGAATAGACCACATATTGGGTACCAATCGGGTCTGAACCGATACCAAAAGATTGGG  
ATCGTCCCCTGCATATTCTCAGACCATAATGCCTTGAAATTAGAACTAAATCACACAAGAAGTTTGGAA  
GGACCTCAAACACGTGGAGGTTAAGGACCATCCTGCTAAAAGATGAAAGGGTCAACCAGGAAATTAAGGA  
AGAATTA AAAAGATTTCATGGAACCTAATGAGAATGAAGATACAACCGTTCAAAATCTTTGGGATGCAGCA  
AAAGCAGTCCGTGAGGGGGAAATACATCGCAATACAAGCATCCATTCAAAAACCTGGAAAGAACTCAAATAC  
AAAAGCTAACCTTACACATAAAGGAGCTAGAGAAAAACAGCAAATGGATCCTACACCCAGGAGAAGAAG  
GGAGTTAATAAAGATTTCGAGCAGAATCAACGAAATCGAAACAGAAAGAACTGTGGAACAGATCAACAGA  
ACCAGGAGTTGGTTCTTTGAAAGAATTAATAAGATAGATAAACCATTAGCCAGCCTTCTTAAAAAGAAGA  
GAGAGAAGACTCAAATTAATAAAATCATGAATGAGAAAGGAGAGATCACTACCAACACCAAGGAAATACA  
AACGATTTTAAAAACATATTATGAACAGGTATACGCCAATAAATTAGGCAATCTAGAAGAAATGGACGCA  
TTCCTGGAAAGCCACAACTACCAAACTGGAACAGGAAGAAATAGAAAACCTGCACAGGCCAATAACCA  
GGGAGGAAATTGAAAGCAGTCATCAAAAACCTCCCAAGACACAAGAGTCCAGGGCCAGATGGCTTCCCAGG  
GGAATTTTATCAAACGTTTAAAGAAGAAATCATATCTATTCTCTTAAAGCTGTTTGGAAAGATAGAAAGA  
GATGGAGTACTTCCAAATTCGTTTTATGAAGCCAGCATCACCTAATTCCAAAACAGACAAAGACCCCA  
CCAAAAGGAGAATTACAGACCAATATCCCTGATGAACATGGATGCAAAAATTTCTCAACAAGATATCGGC  
CAATAGGATCCACAGTACATTAAGAAAATTATTACCATGACCAAGTAGGATTTATCCCCGGGACACAA  
GGCTGGTTCAACACCCGTAAAACAAATCAATGTGATTCATCATATCAGCAAGAGAAAAACCAAGAACCATA  
TGATCCTCTCATTAGATGCAGAGAAAGCATTGACAAAAATACAGCATCCATTCTGATCAAACTCTTCA  
GAGTGTAGGGATAGAGGGAAACATTCCTCGACATCTTAAAGCCATCTACGAAAAGCCACAGCAAATATC  
ATTCTCAATGGGGAAGCAGTGGGAGCCTTCCCCTAAGATCAGGAACAAGACAGGGATGTCCACTCTCAC  
CACTGCTATTCAACATAGTGGTGGAAAGTCCCTAGCCTCAGCAATCAGACAACAAAAAGACTTTAGGGGCAT  
TCAATTTGGCAAAGAAGAAGTCAAACCTCCTCCTCGCCGATGAGATGATCCTCTACATAGAAAACCCA  
AAAGTCTCCACCCCAAGATTGCTACAACTCATGCAGCATTTGGGTAGCGTGGCAGGATACATCATCAATG  
CCAGAAATCAGTGGCATTCTTATACACTAACAATGAGACTGAAGAAAGAGAAATTAAGGAGTCAATCCC  
ATTTACAATTGCACCCAAAAGCATAGATACCTAGGAATAAACCTAACAGGGAGGTAAAGGATCTATAC  
CCTCAAACTATAGAACACTTCTGAAAGAAATTGAGGAAGACACAAAGAGATGGAAAAATATTCCATGCT  
CATGGATTGGCAGAATTAATATTGTGAAAATGTCAATGTGCCCAGGGCAATTTACACGTTTAATGCAAT  
CCCTATCAAAATACCATGGACTTTCTTCAAAGAGTTAGAACAATTTATTTTAAATTTGTGTGGAATCAG  
AAAAACCCCGAATGGCCGGGGGAATTTTAGGAAAAAAACCATGTCTGGGGGCATCTCAATGCCAGATT  
TCAGGTTGTACTACAAAGCTGTGGTTCATCAAGACAGTGTGGTACTGGCACAAAAACAGACACATAGATCA  
GTGGAACAGAATAGAGAACCCAGAACTGGACCTGAACTTTATGGGCAACTAATCTTCGATAAAGGAGGA  
AAGACTATCCATTGGGAAGAAAGACAGTCTCTTCAATAAATGGTGTCTGGGAAAAATGGACATCCACCTGCA  
GGAGGATGGAACTAGACCCCTCTCTTACCCCTACACAAAGATGAACTCCAAATGGATGAAAGATCTAAA  
TGTGAGACCAGATTCCATCCAAATCCTAGAGGAGAACACAGGCCACACCCCTTTTGAATCGGCCACCGT  
AACTTCTTGCAAGATACATCCACGAAGGCCAAAGAAACAAAAGCAAAAATGAACTATTGGGACTTCATCA  
AGATAAGAAGCTTTTGCACAGCAAAAGGATACAGTCAACAAAACCTAAAAGACAACCTACAGAATGGGAGAA  
GATATTTGCAATGACGTATCAGATAAAGGGCTAGTTTCCAAGATCTATAAAGAACTTATTAACCTCAAC  
ACCAAGAAACAAACAATCCAATCATGAAATGGGCCAAAGACATGAACAGAAATTTACAGAGGGGAGACA  
TAGACATGGCCAACATGCACATGAGGAAATGCTTTGCATCAATTGCCATCAGGGAAATACAAATCAAAAC  
CACAATGAGATACCACCTCACACCAGTGAGAATGGGAAAAATTAACAAGGCAGGAAACCACAAATGTTGG  
AGAGGATGCGGAGAAAAGGGAACCCCTTTTACACTGTTGGTGGGAATGTGAACTGGTGCAGCCACTCTGGA  
AACTGTGTGGAGGTTCTTCAAACAGTTAAAAATATACCTGCCCTATGACCCAGCAATTGCACTGTTGGG  
GATTTACCCCAAGATACAAATGCAATGAAACGCCGGGACACCTGCACCCCGATGTTTATAGCAGCAATG  
GCCACGATAGCCAAACTGTGGAAGGAGCCTCGGTGTCCAACGAAAGATGAATGGATAAAGAAGATGTGGT  
TTATGTATACAATGGAATATTACTCAGCTATTAGCAATGACAGATACCCACCATTGTGCTTCAACGTGGAT  
GGAACCTGGAGGGTATTATGCTGAGTGAAGTAAGTCAGTCGGAGAAGGACAAACATTATATGTTCTCATTC  
ATTTGGGGAATATAAATAATAGTGAAAGGGAATATAAGGGAAGGGAGAAGAAATGTGTGGGAAATATCAG  
AAAGGGAGACAGAACGTAAAGACTGCTAACTCTGGGAAACGAAGTGGGGTGGTAGAAGGGGAGGAGGGC  
GGGGGTGGGAGTGAATGGGTGACGGGCACTGGGGTATTCTGTATGTTAGTAAATTGAACCAATAA  
AAAATAAATTA AAAAAAAAAAAGATGAAACCACAGAAAAA AAAAAAAAAA  
>GBCA0288 |Acc|AF044249|Ver|AF044249.1 GI:4105259|Canis familiaris receptor tyrosine  
kinase c-kit mRNA, complete cds.  
GAGCTCAGAGTCTATCGCAGCCACCGCATGAGAGCGCTCGCGGCGCCTGGGATTTTCTCTGCGTCCTG  
CTCCTGCTGCTGCTGCTCGGCTCCGGACAGGCTCTTCTCAACCATCTGTGAGTCCAGGGGAACCGTCTC  
TCCCATCCATCCATCCAGCAAAATCAGAGTTAATAGTCAGTGTGCGGCACGAGCTTAGGCTGTCTGCAC  
CGACCCAGGATTTGTCAAGTGGACTTTTGAGACCTGGGTCAACTGAATGAGAACACACACACCAAGATGG  
ATCACAGAGAAGGTCAGAGGCTGGCCACACGGGCAATTACACGTGCACCAACAGAGATGGCTTGAGCAGGT

CCATTTATGTGTTTGTGAGAGATCCTGCAAAGCTTTTCCTCGTTGACCTTCCCTTGTATGGGAAAGAAGG  
 CAATGATACGCTGGTCCGCTGCCCTCTGACGGACCCAGAAGTGACCAATTACTCCCTCAGGGGGTGCGAG  
 GGGGAAGCCTCTTCCCAAGGACTTGACGTTTCGTGCTGATCCCAAAGCTGGCATCACGATCAGAAACGTGA  
 AGCGCGAGTATCATCGGCTCTGCTTGCACTGCTCTGCGGACCAGAAGGGCAGGACGGTGCTGTCCAAGAA  
 ATTACCCTGAAAGTGAGGGCAGCCATCAGAGCTGTACCAGTTGTGTGAGTATCCAAAACAAGCTCTCTC  
 CTGAAGGAAGGGGAAGCCTTCTCTGTGATGTGCTTTATAAAAGATGTGTCTAGTTTCGTGGACTCGATGT  
 GGATAAAGGAGAACAGCCAGCAGACTAATGCACAGACACAGAGTAATAGCTGGCATCATGGTGACTTCAA  
 TTTTGAACGTGAGGAAAAGTTGATTATCAGCTCAGCAAGAGTTAATGATTCTGGAGTGTTCATGTGTTAC  
 GCCAATAATACTTTTGGATCAGCAAAATGTCAACAACCTTGGAAAGTAGTAGATAAAGGATTCAATTAATA  
 TCTTCCCCATGATGAGTACTACAATATTTGTAAATGATGGACAGAATGTGGATCTGATTGTTGAATATGA  
 GGCATATCCCAAACCGGAGCAGCAGAGTGGATCTATATGAACAGAACCTTCACTGATAAATGGGAAGAT  
 TATCCCAAGTCTGACAATGAAAGTAATATCAGATATGTGAGTGAACCTTCATCTAACCCAGATTAAAAGGGA  
 ACGAAGGAGGCACTTACACATTTCAAGTGTCCAATTCGATGTCAATCTTCCGGTGACATTTAATGTTTA  
 TGTGAACACAAAACCAAGTCTGACTCATGAAATCTCACGAATGGCATGCTCCAGTGTGTGGTTGCA  
 GGATTCACAGAGCCCGCAGTAGGTTGGTATTTCTGTCCAGGAGCTGAGCAGAGATGTTCTGTCCCTATTG  
 GGCAATGGATGTGAGATGCAAAACTCGTCTCTGTCCACCGTCTGGAAAAGTGTGGTTTCCAGAGTTCCAT  
 CGATTATAGTGCCTTCAAGCACAATGGCACAGTGCAGTGTAGGGCTTACAACAATGTAGGCAGGAGTTCT  
 GCCTTTTTTAACCTTGAAGTAAAGAACAAATCCATCCCCACACCTTGTTCACACCTTTGCTGATTGGCT  
 TTGTGATCGCAGCTGGAATGATGTGCATTATCGTGATGATTCTTACCTACAAGTATCTACAGAAACCCAT  
 GTATGAAGTACAGTGGAAAGTTGTTGAGGAGATCAATGGAAACAATATGTTTACATAGACCCAAACACAG  
 CTTCTCTACGATCACAAATGGGAGTTTCCAGAAACAGGCTGAGCTTTGGGAAAACCTTTGGGTGCTGGTG  
 CTTTCGGGAAAGTGGTTGAAGCCACCGCATATGGCTGATTAAGTCGGATGCGGCCATGACTGTTGCCGT  
 TAAGATGCTCAAACCAAGTGCCCATTTAACCAGACGAGAAGCCCTAATGTCTGAGCTCAAAGTCTTGAGT  
 TACCTCGGTAATCATATGAATATTGTGAATCTTCTTGGAGCGTGCACCGTTGGAGGGGCCACCTGGGTCA  
 TTACAGAAATATTGTTGCTATGGTGATCTTTTGAATTTTTTGCAGGAAACGTTGATTCAATTTATTTGCTC  
 AAAGCAGGAAGATCACAGGAGAGTGGCACTTTATAAGAACCTTCTGCATTCAAAGGAGTCTTCCGCACT  
 GACAGTACTAATGAATACATGGACATGAAACCCGGCGTTTCTTACGTTGTGCCAACCAAGGCAGACAAAA  
 GGAGATCTGCGAGAATAGGCTCATACATAGAAAGGGATGTGACTCCTGCCATCATGGAAGATGATGAGTT  
 GGCTCTAGATCTAGAGGACTTGCTGAGCTTTTCTTACCAGGTGGCCAGGGTATGGCATTCTTGGCCCTCG  
 AAGAATTGTATTCAAGGAAGGTTCCGGATGCTCAGCCCTGAGCATGCACCTGCTGAAATGTATGACAT  
 GTGATTTTGGTCTAGCCAGAGACATCAAGAATGATTCTAATTATGTGGTCAAAGGAAACGCTCGGCTACC  
 TGTGAAGTGGATGGCCCTGAGAGCATTTTCAACTGTGTGTACACATTTGAAAGTGTGTCTGGTCTTAT  
 GGGATTTTTCTGTGGGAGCTTCTCTTTAGGAAGCAGCCCTACCCTGGGATGCCAGTGCATTCAAAGT  
 TCTACAAGATGATCAAGGAAGGTTCCGGATGCTCAGCCCTGAGCATGCACCTGCTGAAATGTATGACAT  
 CATGAAGACGTGCTGGGATGCTGATCCCCTGAAAAGGCCGACGTTCAAGCAGATCGTGCAGCTAATTGAG  
 AAGCAGATTTAGATAGCACCAATCATATTTATTCCAACCTCGCGAAGTGCAGCCCCAACCCAGAGCGCC  
 CCGTGGTGGACCATTCGGTGGCGATCAATTCCGTGGGAGCAGCGCGTCTCCACCCAGCCTCTGCTGGT  
 ACACGAAGATGTGTGAAGCAGGAGGAGTGCCGGGGGTCTCCCCAACAGAGCGATCCCTGTTCTTTGGT  
 TCCCTATACTGGTTATTCTGTCTCTCTCGGCTTGATCTTATCCAGGGTAGCGGACACCCCTCTGTCCC  
 TCCCTCTTTACGAGCACACCCCTAATTAGTGGCCAGTGACTTTTGTCTATCAGCCACCATCCTATTGCAAG  
 GTTC

>GBCA0289 |Acc|S75031|Ver|S75031.1 GI:797372|histamine receptor subtype H2 [dogs, colonic  
 crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 149 nt].  
 GCACGCCTTACCAGCTCTTCCGCTGCAGGACGGCCAGCCACAATGCCAGGAACTTCTCTGAGGTGCGAA  
 CAGCTCTCAGCTGGCCAGGAATCAAAGCCGAGAACCCATGCGGCAGGAAGAGAAGCCCCTGAAGTCCAG  
 GTGTGGAGT

>GBCA0290 |Acc|S75111|Ver|S75111.1 GI:797371|histamine receptor subtype H1 [dogs, colonic  
 crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 161 nt].  
 TAATTTTCATCTCTTTCATGGTCATTGCTTTCTCCAAGAGATGTTGCAATGAGCGTGTGCACATGTTCCACC  
 ATCTGGCTGGGCTATATCAACTCCCTCATTTATCCCTTACGCTGAACCCATGCAATGAAAACCTCAAGAC  
 ATTCAGGATTCTGATACATGA

>GBCA0291 |Acc|S75029|Ver|S75029.1 GI:797370|neurokinin receptor subtype NK3 [dogs,  
 colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 275 nt].  
 AAGCCAGATGTCTGCAAAAGCAACCAAGATGGTCATCGGAAGTATTCGGATTCTAGCATTCCTACTTGCC  
 TTCCCTCAGTGTCTTTACTCCAAAATTAAGTGCATGCCAGGCCGTACCCTTTGTTATGTGCAATGGCCAG  
 AAGGTCCCAACAACATTCCACTCACCATATCATTGTCTATTACTGGTATTCTGCTTCCCATTTGCTCAT  
 CATGGGCGTCACATACACCATTTGTTGGAATTACTCTCTGGGGAGGAGAGATCCCAAGGAGATCCCT

>GBCA0292 |Acc|S75109|Ver|S75109.1 GI:797368|neurokinin receptor subtype NK1 [dogs, colonic crypts, muscularis mucosa, attendant submucosal plexuses, mRNA Partial, 279 nt].  
CCTTCCACCTCTACTTCCCTCCTGCCTCACATCAACCTGATCTCTACCTGGAGAAGTTTATTCCACAGGT  
CTACCTGGGCATCATGTGGCTGGCCATGAGCTCCACCATGTACAACCCCATCATCTACTGCTGCCTCAAC  
GACAGGTTCCGTCTGGGCTTCAAACATGCCCTCCGGTGTCTGCCCTTTATCAGCGCCGGCGACTACGAGG  
GGCTCGAAATGAAATCCACCCGCTACCTCCAAACCCAGGGCAGCGTGTACAAAGTCAGCCGCCTGGGGA  
>GBCA0293 |Acc|S42999|Ver|S42999.1 GI:254534|K-ras [dogs, spleen, mRNA Partial, 212 nt].  
CTGAATATAAACTTGTGGTAGTTGGAGCTGGTGGCGTAGGCAAGAGTGCCTTGACGATACAGCTAATTCA  
GAATCACTTTGTGGATGAATATGATCCTACAATAGAGGATTCTACAGGAAACAAGTAGTAATTGATGGA  
GAAACCTGTCTCTTGGATATTCTCGACACAGCAGGTCAAGAGGAGTACAGTGAATGAGGGACCAGTACA  
TG  
>GBCA0294 |Acc|AF077817|Ver|AF077817.1 GI:4204240|Canis familiaris tissue inhibitor of metalloproteinases TIMP-1 mRNA, complete cds.  
CATCGCCGACAGCCAGCGCCAGAGAGACTCACCAGGAACCCACCATGGCACCCTTTGCGCCCCCTGGC  
CTCCTGCATCCTGCTGTTGCTGTGGGTGACCGCCCCCAGCAGGGCCTGTACCTGTGCCCCACCCACCCG  
CAGACAGCCTTGTGCAACTCCCAAATCGTCATCAGGGCCAAAGTTTCGTGGGGACCGCAGAAGTCAACCAGA  
CCGACTTAAACCGGCGTTATGAGATCAAGATGACCAAGATGTTCAAGGGTTTCAGCGCCTTGGGGAATGC  
CTCGGACATCCGCTTCGTTCGACACCCCCCGCCCTGGAAAGCGTCTGCGGATACTTGCACAGGTCCCAGAAC  
CGCAGCGAGGAGTTTCTGGTCGCGGAAACCTGCGGGACGGACACTTGCAGATCAACACCTGCAGTTTCG  
TGGCCCCGTGGAGCAGCCTGAGTACCGCTCAGCGCCGGGGCTTCACCAAGACCTATGCTGCTGGCTGTGA  
GGGGTGCACAGTGTTCCTGTTTCCATCCCTGCAACTGCAGAGTGACACTCACTGCTTGTGGACG  
GACCACTTCCCTCACAGGCTCTGACAAGGGTTTCCAGAGCCGCCACCTGGCCTGCCTGCCAAGAGAGCCAG  
GGATATGCACCTGGCAGTCCCTGCGGCCCGGATGGCCTAAATCCTACTCCCGTGGAAGCCAAAGCCTG  
CACAGTGTTCACCCCACTTCCCACTCCCGTCTTTCTTTATCCAAAACAATGAAATAAAGAACTACCATCC  
AAAAAAAAAAAAAAAAAA  
>GBCA0295 |Acc|AF045773|Ver|AF045773.1 GI:4164449|Canis familiaris adrenomedullin precursor, mRNA, complete cds.  
GCGGAACAACCTCGAGCCTCGCCACCTCTGGTTTTCTCACCAGCAGCTTGGACGTTGGGGTTTTGCCAGCACC  
AGAGCGACGCTCTCAGACCTTCTCCTCCCGATCTTGGCAGATCACCCTCAGCAGGGTCTGCGCATCGC  
GCCAGCATGAAGCTGGTTCCCGTCCGCTCTTATACCTGGGCTCCCTCGCCTTCTTGGGCGCGGACACC  
GCACGGCTAGACGTGGCGTCAGAGTTCGGAAGAAGTGGAAATAATGGGCTGTAAGTCGTGGAAGAGGG  
AACTTCGAGTGTCCAGCAGCTATCCACCCGGGCTCGCTGAAGTGAAGGCCGGGCGGCCAGACTCTTAT  
TCGGACCCAGGACGTGAAGGGCGCCTCTCGCAACCCAGACAGCGGTCCGGACGCCCGCCGATCCGA  
GTCAAACGCTACCGCGAGAGTATGAACAATTTCCAGGGCCCGCGGAGCTTCGGCTGCCGCTTCGGAACGT  
GCACGGTGCAGAACTGGCGCACAGATCTACAGTTTACAGACAATGACAAGGACGGCGTCGCCCCCAG  
GAGCAAGATTAGCCCTCAGGGCTACGGCCGCGCGCGCGCGCTCCCTGCCGAGCCCGGCTTCGCCCGG  
ACTCTGTTGTTCCCGAGCCACGGCCAGGCGGGGCTCCGGCCCCCGGGCGCATCAGGTGCTCGCCAACC  
TCCTTAAGATGTAGGCGCTGTGGCAGCAGCGAAGTGGCGCGCGTGTGCATCCCGCTGGCTTCCCCCTGG  
GCGGAGGGCTTCCCCGAGCCGAGCCCTCTGCCGATGGAAGTCGGGCAGAGACCGGATTCCGGGAGGCA  
CCGTCCCGCGGCCAGCCCTGGCTTTCGCGGAGCCCTTCTCCTCGGAGGCACGGATCCCTCTGTCCCAAG  
CCGCCCCAGGTGTCCCGTGGGGGGCAGAGGAATGCAAGGGAGGCCCTGCCAGGCTCACGGAGAGGATTAA  
TGAGAATTAATGAGAATTAATGCTTGAGACCTTCCCCCTCCCCCCCCAGGGACAGGGGTCTGAGTCA  
CTGCCGTGCTGCCACAACTGATTTCTCACGGGGTGTACCCCCACCGGGGCGCAAGCCTCACTATTAC  
TTGAACCTTTCCAAAACCTAGAGAGGAAAAGTGCAATGCGTGTGTATATACAGAGGTAATATCAATATT  
TAAGTTCTGTTGCTGTCAGAAATTTTTTTGTAACCTCAAATATAGAGATATTTTTGTACGTTATATATTG  
TATTAAGGGCATTAAAAACCATTTGCATTTGTCCCCCTCCCCACTTATTTTAATACGTGAATGTCTCAGCG  
AGGTGTAACGTTGTTTTGCTGCAGAGTGTGTGAGTGTGCGTGGGAGACTTATTACCTCTGTGGAAGAA  
GGAACACCGTGTCTCTGCATTATCTATTACATAAAATGGGTGATATGCGAAAATAGCAAATCAAT  
>GBCA0296 |Acc|AF086711|Ver|AF086711.1 GI:4151316|Canis familiaris CD40 ligand (CD40L) mRNA, complete cds.  
CAGCATGATCGAAACATACAGCCAACTGCTCCCCGATCTGTGGCCACTGGACCACCCGTCAGTATGAAA  
ATTTTTATGTATTTGCTTACTGTTTTCTCATCACCAGATGATTGGATCGGCACCTTTTGCTGTATATC  
TTCACAGAAGATTGGACAAGATAGAAGTGAAGGAATCTTTATGAAGATTTTGTGTTTCATGAAAACGTT  
ACAGAAATGCAACAAAGGGGAGGGGTCTTGTCTACTGAAGTGTGAGGAAATTAAGGCAATTTGAA  
GCCTTTCTCAAGGAGATAATGCTAAACAACGAAATGAAGAAAGAAGAAAACATTGCAATGCAAAAAGGTG  
ATCAGGATCCTCGAATGTCAGCCCATGTCATAAGTGAGGCTAGTAGTAACCCAGCGTCCGTTCTGCGGTG  
GGCGCCAAAAGGGTACTACACCATAAGCAGCAACCTGGTGAGCTCGAGAATGGGAAACAGTTGGCCGTG

AAAAGACAAGGACTCTATTACGTCTATGCCCAAGTCACCTTCTGCTCCAATCGGGCAGCTTCGAGTCAAG  
CTCCGTTTCGTCGCCAGCCTATGCCTCCATTCCTCCGAGTGGACCGAGAGAGTCTTACTCCGCGCCGCGAG  
CTCCCGCGGCTCGTCCAAACCTTGCGGCCAACAGTCCATCCACTTGGGAGGAGTATTGAATTGCATCCA  
GGTGCTTCGGTGTTCGTCAACGTGACTGATCCAAGCCAAGTGAGCCACGGGACCGGCTTCACGTCTTTTG  
GCTTACTCAAACCTCTGAA

>GBCA0297 |Acc|AF027361|Ver|AF027361.1 GI:4103762|Canis familiaris GDP dissociation  
inhibitor isoform 2 (GDI-2) mRNA, complete cds.

ATGAACGAGGAGTACGACGTGATCGTGCTGGGCACCGGCCTGACGGAATGTATCCTGTGAGGTATAATGA  
CGGTGAATGGGAAGAAAGTTCTTACATGGATAGAAACCCATATTATGGAGGAGAAAGTGCATCTATAAC  
ACCTCTGGAAGATTTATACAAAAGATTTAAGATACAGGAGCACCACAGCCTCGATGGGAAGAGGGAGA  
GACTGGAACCTTGGACCTGATCCCTAAGTTCCTCATGGCCAATGGTCAGCTTGTGAAGATGCTGCTTTATA  
CAGAGGTCACTCGTTATCTGGATTTCAAAGTGACTGAAGGGAGCTTTGTCTACAAGGGAGGAAAAATCTA  
CAAGGTTCTTCCACTGAAGCAGAAGCCCTGGCATCTAGCTTAATGGGACTGTTTGAAAAACGTCGCTTC  
AGAAAATTCCTAGTGTATGTTGCCAATTTGATGAAAAAGATCCCAGAACTTTTGAGGGCATCGATCCTA  
AGAAGACTGCCATCGGAGAGGTGTACAAGAAATTTGACTTGGGACAAGATGTCATAGACTTTACTGGCCA  
TGCCCTGGCACTTTACAGGACCGATGACTATTTAGATCAGCCATGTTGTGAAACCATTAATAGGATTA  
CTTTACAGCGAGTCTCTGGCAAGATATGGCAAAAGCCCGTACCTCTACCCACTGTATGGCCTTGGGGAGC  
TCCGCAAGTCAGACATCTACGTGTGCATGATTTCTCTGACACAAATGTGGCCGCGCAAGGGAGTACATC  
AATCATTTGTGCAAAATGGCAAGTGATTGGTGTGAAATCTGAAGGAGAGGTTGCTCGCTGCAAGCAGCTC  
ATCTGTGACCCAGCTACGTCAAAGACCGGGTGAAGAAGGTGGGCCAGGTCATCAGGGTTATCTGCATTC  
TCAGCCACCCCATCAAGAACACCAATGACGCCAACTCCTGCCAGATCATCATCCCCAGAACCCAGGTCAA  
TCGGAAGTCAGACATCTACGTGTGCATGATTTCTCTGACACAAATGTGGCCGCGCAAGGGAGTACATC  
GCCATAGTGAGCACGACGGCGGAGACCAAGGAACCTGAGAAGGAAATCAGACCAGCTTTGGAGCTTCTGG  
AACCATTGAACAGAAATTTGTTAGCATCAGCGACCTCCTTGTACCCAAAGACCTGGGGACGGAAAGCCA  
GATCTTTATTTCCCGCACGTACGATGCTACAACCTCACTTTGAGACCACCTGTGACGATATTAACACATC  
TACAAGAGGATGACCGGCTCCGAGTTTGACTTTGAGGAAATGAAGCGCAAGAAGACGACATCTACGGGG  
AAGACTAG

>GBCA0298 |Acc|AF027360|Ver|AF027360.1 GI:4103760|Canis familiaris GDP dissociation  
inhibitor isoform 1 (GDI-1) mRNA, complete cds.

ATGGACGAGGAATACGATGTGATCGTGCTGGGGACCGGCCTCACCGAATGTATCTTGTGCGGGCATCATGT  
CCGTGAACGGCAAGAAAGTGCTGCATATGGACCGGAACCCCTACTATGGGGGTGAGAGCTCCTCCATCAC  
ACCCCTGGAAGAGCTCTATAAGCGTTTTCAATTGCTGGAGGGGGCCCCCTGAGGCAATGGGCAGGGGCCGA  
GACTGGAACGTTGACCTGATCCCGAAGTTCCCTCATGGCCAATGGGCAGCTGGTAAAGATGCTGCTGTATA  
CAGAGGTGACGCGCTACCTGGACTTCAAGGTGGTGGAGGGCAGCTTCATCTACAAGGGGGGAAAGATCTA  
TAAAGTGCCATCCACTGAGACCGAAGCCTTGGCTTCCAATCTGATGGGCATGTTTGAGAAACCGCGTTTC  
CGCAAGTTCTGGTATTTGTGGCAAACTTTGATGAAATGACCCCAAGACCTTCGAGGGTGTGACCCCC  
AGAGCACCAGCATGCGTGACGTCTACCGGAAGTTTGACTTGGGCCAGGATGTCATCGACTTCACTGGCCA  
TGCCCTGGCCCTCTACCGCACTGATGACTACCTGGACCAGCCCTGTCTTGAGACCATCAACCGCATCAAG  
TTGTACAGTGAGTCCCTGGCTCGGTATGGAAAGAGTCTTATTTGTACCCACTCTACGGCCTTGGTGAGC  
TGCCCCAGGGCTTTGCAAGATTGAGTGCCATCTACGGAGGGACATACATGCTGAACAAACCTGTGGATGA  
CATCATCATGGAGAATGGCAAGGTGGTGGGTGTGAAGTCTGAGGGAGAGGTGGCCCGCTGCAAGCAGCTG  
ATCTGTGACCCAGCTACATTCGGGACCGAGTGCGGAAGGCCGCTCAGGTTATCCGCATCATCTGTATCC  
TCAGCCACCCCATCAAGAACACCAATGATGCCAACTCCTGCCAAATCATTATCCCCAGAACCAAGTTAA  
CAGGAAGTCAGACATCTACGTGTGCATGATCTCTACGCACACAACGTGGCTGCACAGGGCAAGTACATC  
GCCATTGCCAGCACCAAGTGGAGACAGCTGAGCCGGAGAAGGAGGTTGAGCCTGCCCTGGAGCTCCTGG  
AGCCATTGACCAGAAGTTTGTGGCCATCAGTGACTTATACGAGCCCATTTGATGACGCTTCTGAGAGCCA  
GGTGTCTGTCTCTGCTCTATGATGCCACCACACACTTCGAGACAACCTGCAATGACATCAAAGACATC  
TACAAGCGCATGGCAGGCTCCGCCTTTGACTTTGAGAACATGAAGCGCAAACAGAATGACGTGTTTGGAG  
AAGCTGACCACTGA

>GBCA0299 |Acc|AF060171|Ver|AF060171.1 GI:4106125|Canis familiaris dipeptidyl peptidase I  
mRNA, partial cds.

GACACACCTGCCAACTGCACCCACCCGAGCTGCTGGGCACGTGGGTCTTCCAGGTGGGCCCCGCGGGGT  
CCCCGAGCGTCAACTGCTCGGTGATGGGACCACAGAAAAAAGTAGTGCTGCATCTTGAGAAGTTGGA  
CACGGCGTATGATAATTTTGGCAATACGGGCCATTTTACCATCATTTACAATCAAGGCTTTGAGATTGTG  
TTGAACGACTACAAGTGGTTTTGCCTTTTTTAAGTATAAAGAAGAGGGTCACAAGGTCACCAAGTTACTGCA  
ACGAGACCATGACTGGATGGGTGCACGATGTGCTGGGCCGCACTGGGCTTGTTCCTGGAACCAAGAT  
GGGAACCTCTGAAAAAGCGAAGGTGAACACAAAACACATTGAGAGGCTCCAGGAAACAATTCTAAT

AGGCTCTACAAATACAACATATGAGTTTGTGAAAGCGATCAATACCATTGAGAGTCTTGGACTGCAACCA  
GATACATAGAATATGAGACTCTCACCTTGAGAGACATGATGACGAGAGTTGGTGGCCGAAAAATCCCAAG  
GCCTAAACCCACACCCTGACTGCTGAAATACATGAAGAGATTTCACGTTTGCCAACATCATGGGACTGG  
AGAAATGTTTCGTGGTACCAATTTTGTAGTCCTGTTGCGAAACCAAGCATCTTGTGGAAGCTGCTACGCAT  
TTGCGTCTACAGCTATGTTGGAAGCAAGAATCCGTATACTAACAACAATACTCAGACTCCAATTTTGAG  
TCCTCAGGAGATTGTCTCTTGAGCCAGTATGCTCAAGGCTGTGAAGGTGGCTTCCCGTACCTCATCGCA  
GGAAATATGCCCAAGATTTTGGGCTGGTGGAGAGGCTGCTTCCCTACGCAGGCTCTGATTCTCCAT  
GCAAACCAAATGACTGCTTCCGTACTACTCCTCTGAGTACTACTATGTGGGAGGTTTCTATGGGGCTG  
CAATGAAGCCCTGATGAAGCTTGAGCTGGTCCGTACGGGGCCATGGCAGTTGCTTTTGAAGTCTATGAT  
GACTTCTTCCACTACCAGAAGGGAATCTATTACCACACTGGCCTGAGAGACCTTTCAACCCCTTTGAAC  
TGACTAATCATGCTGTTTTGCTGGTGGGCTATGGTACTGACTCAGCCTCTGGGATGGATTACTGGATTGT  
GAAAAACAGCTGGGGCTCTAGGTGGGGTGAAGATGGTACTTCCGGATCCGCAGAGGAACGGATGAATGT  
GCAATTGAAAGCATAGCAGTGGCAGCCACACCAATTCTCAAATTGTAGGATATGGGCTCTGGCATTTCCT  
GTTGACCAAGAGTTCATGCCCCTGAACAATGTCAACAAGGCACTGCGCGTCTTGCAAGAAAAATAATGTTGATT  
ATTACAGATAGATTCTATGAAGATTTTGCCTTTAAAATTAAAATTGTCTTTGATTTAAATATACCTTT  
CCATTAAACCACTGGCCTACTTTATAGCTATGTAGTAATAAAATGCAGGATTTCTGTTTCATTAAAAAAA  
>GBCA0300 |Acc|AF070485|Ver|AF070485.1 GI:3982750|Canis familiaris dystrophin mRNA,  
complete cds.

GGTCTCGGAATTTGAAATATCCAGGGGCTCTACAGAACTCTGGCATCAGTTACTATGTTGACTCACTCA  
GTGTTGGGATCACTCACTTTCCCTTACAGGACTCAGATTTTGGAGGCAATTAGCTTCATCAGAGAAAAA  
CGAATAGGAAAACTGAAGTGTATTTTTTAAAAGGCTGCTGAAGTTGGTTGATTTCTCATCTTCCTAA  
ACCTATTGGAGCACTTAAGTTGGGAGAAAAATTTACCAAGATTTTACTGCTGCCCTGATACATACTTTTT  
TTTCCCCAAATGCTTTGGTGGGAAGAAGTAGAGGACTGTTATGAAAGAGAAGATGTTCAAAAGAAAAACAT  
TCACAAAATGGGTAAATGCACAGTTTCTAAGTTTGGGAAGCAGCACATAGAGAACCTCTTCAGTGACCT  
ACAGGATGGGAGACGCCTCTAGACCTTTTGAAGGCTGACAGGGCAAAAACCTGCCAAAAGAAAAAGGA  
TCCACAAGAGTTCATGCCCTGAACAATGTCAACAAGGCACTGCGCGTCTTGCAAGAAAAATAATGTTGATT  
TAGTGAACATTGGAAGTACTGACATAGTAGATGGAATCAAAAACCTGACTCTTGGTTTGATTGGAATAT  
AATCCTCCACTGGCAGGTCAAAAATGTAATGAAAAATATCATGGCTGGATTGCAACAAACCAACAGTGAA  
AAGATTCTCTGAGCTGGGTCCGACAATCAACTCGTAATTATCCACAGGTTAATGTCACTTAACCTCACCA  
CCAGCTGGTCTGATGGCCTGGCTTTGAACGCTCTCATCCACAGTCATAGGCCAGACCTGTTTGATTGGAA  
TAGTGTGGTTTGCCAGCAGTCAGCCACACAACGCCTGGAACATGCATTCAACATTGCCAAATATCAATTA  
GGCATAGAGAACTGCTTGATCCTGAAGATGTTGCCACCACTTATCCAGATAAGAAGTCCATCTTAATGT  
ATATCACATCACTCTTCCAAGTTTGCCTCAACAAGTGAGCATTGAAGCCATCCAGGAAGTGGAAATGTT  
GCTTTGGAGCACTCAAGTTACTAGAGAAGAACAATTTTTCAGATACATCATCAATGCACATATTCTCAACAG  
ATCACAGTCAGTCTAGCACAGGGATATGAACGAGCCCTTCCCTTTCCTAAGCCTCGGTTCAAGAGCTATG  
CCTACACACAGGCTGCTTATGTCAACCACTTCTGACCCACACGAGGCCACTTCCCTTACAGCATTTGGA  
AACTCCTGAAGACAAGTCATTTGGCCGGTCATTGACAGAGACCGAAGCAAACTGGACAGTTATCAACA  
GCTTTGGAGAAGTACTCTCGTGGCTTCTTTTCAAGTGAAGATGCACTGCAAGCCCAAGGAGAGATTTCTA  
ATGATGTCGAAGAAGTGAAGAACAATTTTCACTCATGAGGGATATATGATGGACTTGACATCCCATCA  
GGGACGGGTCCGTAATGTTCTCCAACCTGGGAAGTCAACTGATTGGAACAGGGAAATATCAGAAGATGAA  
GAAACCGAAGTGCAGGAACAAATGAATCTCCTCAATTCAAGATGGGAATGCCCTCAGGGTAGCTAGCATGG  
AAAAACAAAGCAATTTACATAAAGTTCTAATGGATCTCCAGAATCAGCAACTGAAAGAGTTAAATGACTG  
GCTAACCAAAAACAGAAGAGAGAACAAGGAAAAATGGAGAAGGAGCCCTTGGACCTGATATTGAAGACCTA  
AAACGCCAAGTACAACAACATAAGGTGCTTCAAGAAGACTTAGAACAGGAACAAGTCAGGGTCAATTCCC  
TCACTCATATGGTGGTGGTAGTCGATGAATCTAGTGGAGACCATGCAACTGCTGCTTTGGAAGAACAAC  
TAAGGTACTGGGAGATCGATGGGCAAAACATCTGTAGGTGGACAGAAGATCGCTGGGTTCTTTTACAAGAC  
ATCCTCTTAAATGGCAGCGTTTACTGAAGAACAGTGCTTTTGTAGTGCATGGCTTTTCGGAGAAGGAAG  
ATGCAGTGAACAAGATTACACAACTGGCTTTAAGGATCAAAAGTGAAGTGTATCAAATCTTCAGAACT  
GGCTGTCTTAAAAACAGATCTGGAAAAGAAGAAGCAAAACCATGGACAACTCTGCTCACTCAACCAAGAC  
CTTCTTTAGCGCTGAAAAACACAGTGGTAGCCACAGATGGAAGCATGGCTGGACAACTTTGCCAGC  
GCTGGGATAATTTAGTCCAGAACTTGAAAAAGTTTCAAGCAGATTTTCAAGGCTGTCAACCACTCA  
GCCATCACTAACACAGACAACCTGAATGGAAACAGTAACTATGGTGACCACGAGGGAACACATCTTGTA  
AAGCATGCCCAAGAGGAACCTGCCACCACCACCCCTCAGAAGAAGAGGCAGATTATCGTGGATTCTGAAA  
TTAGTAAAAGGTTGGATGTCGATATAAAGTGAAGTCAAGTGGATTACTCGTTTCAAGAAGCTGTGTGCA  
GAGTCTGAATTTGCAATCTATCGGAAGGAAGGCAACTTCTCAGACCTTAAAGAAAAAGTCAATGCCATA  
GAGCGAGAAAAAGCCGAGAAGTTGAGAAAACCTGCAAGATGCCAGCAGATCAGCTCAGGCCCTGGTGGAC  
AGATGGTGAATGAGGGTGTAAATGCTGACAGCATCAACAAGCCTCCGAACAACCTGAACAGCCGGTGGAT



AGAGTTCTGCCAATTGCTAAGCGAGAGACTTAACTGGCTGGAGTATCAGAACAAATCATCACTTTCTAT  
AATCAGCTACAACAATTGGAGCAGATGACAACACTGCTGAAAACCTGGTTGAAAACCCAGCCTACCA  
CATCAGAGCCAACAGCAATTAAGGCCAGTTAAAAATTTGTAAGGATGAAATCAACCGACTGTCAGCTCT  
TCAGCCTCAAATCGAGCGATTAAAAATTCAAAGCATAGCCCTGAAAGAGAAAAGGACAAGGGCCAATGTT  
CTGGATGCAGACTTTGTGGCCTTTACAAATCATTTTAACCAAGTCTTTGCTGATGTGCAGGCAAGAGAAA  
AAGAGTACAAACAATTTTTGACAGTTTGCCACCCATGCGCTATCAGGAGACTATGAGTACCATCCTGAC  
ATGGATCCAGCAGTCAGAAACCAAACTCTCTATACCTCAGGTTACTGTCACTGAATATGACATCATGGAA  
CAGAGACTCGGAGAGCTACAGGCTTTACAAAGCTCTCTGCAAGAGCAACAAAATGGCCTAAACTATCTCA  
GCACCACTGTGAAAGAGATGTCAAAGAAAGCACCCTGTCTGATATTAGTCGGAATATCAATCAGAATT  
TGAAGAGATTGAGGGACGTTGGAAGAAGCTGTCTTCCAGCTGGTTGAACATTGTCAAAGTTGGAGGAG  
CAAATGGCTAAACTTCGAAAAATTCAGAATCACATAAAAACTCTGAAGAAATGGATCACTGAAGTCGATG  
TTTTCTGAGGAGGAATGGCCTGCCCTTGGGGATTGAGAAATTCGAAAAGACAGCTGAAACAGTGCAG  
GCTTTTAGTCAATGACATTCAGACCATCCAGCCTAGTCTCAACAGTGTCAATGAAGGGGCTCAGAAGATG  
AAGAAGAGTGAAGGAGGAACTTGTCTGGCAGAGTTGTGACAGAGACTCCGAGAACTTAACACCCGAGG  
ATTACATGTGCCGCCAGGTCTATGCCAGGAAGGAAGCCTTAAAAGGAGGTTTGGATAAACTGTAAGTCT  
TCAGAAAGATCTGTGAGAGATGCATGAGTGGATGACACAAGCTGAAGAAGATACCTAGAGAGAGATTTC  
GAATACAAGACCCCTGATGAATTACAGACAGCAGTTGAAGAGATGAAGAGAGCTAAAGAAGAGGGCCAGC  
AAAAAGAAAGCAAAAGTGAACCTCCTAACCGAGTCCGTCAATAGTGTATAGCTCAGGCTCCACCTGCAGC  
ACAAGAGGCCCTTAAAAAAGGAAGTTGACACTCTCACCACCAACTACCAGTGGCTCTGCACCAGGCTCAAT  
GGCAAATGCAGACCTTGAAGAAGTTTGGGCGTGTGGCATGAGTTATTGTCTACTTGGAGAAGGCCAA  
ACAAGTGGCTAAGTGAAGTAGAAGTCAAGCTTAAAACCACTGAAAATATTCTGGGGGAGCTGAGGAAAT  
CGCCGAGGTGCTTGATTGCTTGAATTTGATGCAACATTTCAGAGGATAACCCGAATCAGATTGCGATA  
TTGGCACAGACCTTGACAGATGGTGGAGTCAATGAGGAGCTTGAGACATTTAATT  
CTCGTTGGAGAGAACTCCATGAAGAGGCTGTGAGGAGGCAAAAGTTGCTTGAGCAGAGTATCCAGTCGGC  
CCAGGAGATGAAAAATCCTTGCACTTAATTCAGGAGTCCCTCTCTTCCATTGACAAGCAGTTGGCAGCT  
TATATTGCTGACAAAGTGGATGCAGCTCAGATGCCCTCAGGAAGCCAGAAAAATCCAATCAGATTTGACAA  
GTCATGAGATCAGTTTGAAGAAGTGAAGAAACATAACCAGGGAAAGGAGACTGCCCAAAGGGTACTATC  
CCAAATTGATGTGGCACAGAAAAATTCAGGATGTTTCCATGAAGTTTCGATTATTCCAGAAGCCAGCC  
AATTTTGAGCAGCGCCTACAAGAAAGTAAAATGATTTAGATGAAGTGAAGATGCATTTACCTGCGTTGG  
AAACAAAGAGTGTGGAACAGGAAGTAGTACAGTCACAGTTAAATCATTGTGTGAACCTGTATAAAAGTCT  
GAGTGAAGTGAAGTCTGAAGTGGAAATGGTAATAAAAACTGGACGTCAGATTGTACAGAAGAAGCAGACG  
GAAAACCCGAAAGAGCTTGATGAAGAGTTACAGCTTTGAAATTGCATTATATGAGCTGGGAGCAAAAGG  
TGACAGAAAGAAAGCAACAGTTGGAAAAATGCTTGAAATTGTCCCGTAAGATGCGAAAGGAAATGAATGC  
CCTGACAGAAATGGCTGGCAGCTACAGATATGGAAGTACACAAAGAGATCGGCAGTTGAAGGAATGAGTCT  
AATTTGGATTCTGAAGTTGCCCTGGGGAAAGGCTACTCAGAAAGAGATTGAGAAACAGAAGGTTACCTTAA  
AGAGTGTACAGAGGTAGGAGAGGCTTGAACCGGTTTGGGCAAGAAGGAAATGTTGGTGAAGATAA  
ACTGAGTCTTCTGAATAGTAACCTGGATAGCCGTCCTTCCCGAGCAGAAGAGTGGTTAAACCTTTTATTG  
GAATACCAGAAACACATGGAACCTTTTGACAGAAATGTGGATTACATCACAACTGGATCATTGAGGCTG  
ATGCACTTTTGGATGAATCTGAGAAAAAGAAACCTCAGCAAAAAGAGACATACTTAAGCGTTTAAAGGC  
TGAAATGAATGACATACGTCCAAAGTGGATTCTACACGTGACCAAGCAGCAAACTGATGGCAAACCGC  
GGCGACCACTGCAGGAAAGTAGTAGAGCCCAAAATCTCAGAGCTCAACCATCGATTGTCAGCCATTTCTC  
ACAGAAATTAAGACTGGAAGGCCCTCATTCTTTGAAGGAATTGGAGCAGTTTAACTCAGATATACAAA  
ATTGCTTGAACCACTGGAGGCTGAAATTCAGCAGGGGGTGAATCTGAAAGAGGAAGACTTCAATAAAGAT  
ATGAGTGAAGACAATGAGGGTACTGTAAAAGAATTGTTGCAAAGAGGAGACAACCTTACAACAAAGAATCA  
CAGATGAGAGAAAGCGAGAGGAAATAAAGATAAAACAACAGCTGTTACAGACAAAACATAATGCTCTCAA  
GGATTTGAGGCTCAAAGAAGAAAAAGGCTCTAGAAATTTCTCACCAGTGGTATCAGTACAAGAGGCAG  
GCTGATGATCTCTGAAATGCTTGGATGACATTGAAAAAAATTAGCCAGCCTACCTGAACCCAGAGATG  
AAAGGAAAATAAAGGAAATGATCGTGAATTGCAGAAGAAGAAAGAGGAGCTGAATGCAGTGCCTAGGCA  
AGCTGAGGGCTTGTCTGAGGATGGGGCCGAATGGCAGTGGAGCCAACCTCAGATCCAGCTCAGCAAGCGC  
TGCGGGGAAATTGAGAGCAAAATTTGCTCAGTTTCAAGACTCACTTTGACAAAATTCACACTGTCCATG  
AAGAGTCAGTGGTGGCGATGACTGAAGACATGCTTGGAAATTTCTTATGTGCCTTCTACTTACCTGAC  
TGAGATCACTCATGTCTCAAGCCCTATCAGAAGTGAAGAGCTTCTTAATGCTCCGACCTTTGTGCT  
CAAGATTTTGAAGATCTCTTTAAACAGAGGAATCCTTGAAGAACATAAAAGACAGCCTGCAACAAATCT  
CAGGTCGAGTTGACATTCACAAATAAAAGACAGCAGCATTCACAGTGGCACTCCTGCAGAAAGGGC  
AAAGTCCAGGAAGCTCTCTCAGGCTTGATTTCCAATGGGGAAGAGTTAACAAATATGTACAAGGACCGA  
CAAGGGAGATTTGACAGATCTGTGAAAAATGGCGGCGGTTTCATTATGATATGAAGATACTTAATCAAT  
GGCTAACAGAAGCTGAACAGTTTCTCAAAAAGACACAAATTCCTGAGAATTGGGAACATGCCAAATACAA



ATGGTATCTTAAGGAACTCCAGGATGGCATTTGGACAGCGGCAAAGTGTTCAGGGTATTGAATGCAACT  
GGGGAAGAAATAATTCAACAGTCTCTCAAAAACAGATGCCAGTATTTCTCCAAGAAAACTGGGAAGCCTGA  
ATCTGCGGTGGCAGGAGGTCTGCAAACAGCTGGCAGAAAGAAAAAGAGGCTAGAGGAAACAGAAGAATAT  
CTTGTCAGAAATTTCAAAGAGATGTAAATGAATTTGTTTTATGTTTGAAGAAGCGGATAACGTTGCTAAT  
ATTCCACTTGAACCTGGAAATGAGCAGCAGCTAAAAGAAAAACTTGAACAAGTCAAGTTACTGGCAGAAG  
AGTTGCCCCCTGCGCCAGGGAATTTCTAAAACAATTAAATGAACTGGAGGAACAGTGCCTGTAAGTGCTCC  
CCTAAGCCCAGAAGAGCAAGATAAACTTGAATAAGCTCAAGCAGACAAATCTTCAGTGGAATAAAGGTT  
TCTAGAAATCTGCCCTGAGAAGCAAGAAGAAATTGAGGCACACGTAAAAGACCTTGGACAGCTGGAAGAGC  
AGTTAAATCATCTGCTTCTATGGCTGTCTCCTATTAGGAATCAGTTGGAAATTTACATCAGCCAAATCA  
AACAGGACCATTTGACATCAAGGAAATTGAAGTAGCAGTTCAAGCTAAACAGCCGGATGTGGAAGGGATT  
TTGTCTAAAGGGCAGCATTTGTACAAGGAAAAACCAGCCACTCAGCCAGCGAAGAGAAAGCTGGAAGATC  
TCAGCTCTGATTGGAAGGTGGTAACTCAGTTGCTTCAAGAGCTGCGGGCAAAGCAACCTGGCCCAGCTCC  
TGGACTGACCACTGTGAGAGCCCCCTCCAGTCAGACTGTTACTCTGGTGACACAACCCGCGGTTACCAAG  
GAAACTGCCATCTCCAACTGCCATCTTCTGCTGTTGGAGGTACCTGCAGTGGCAGATTTCA  
ACCGAGCTTGGACAGAACTTACCGACTGGCTGTCTCTGCTTGATCGAGTTATAAAATCACAGAGGGTGAT  
GGTGGGTGATCTTGAAGACATTAACGAGATGATCATCAAGCAGAGGCAACGCTGCAGGATTTGGAACAG  
AGGCGCCCCCAGTTGGAAGAACTCATTACCGCTGCCAGAATTTGAAAAACAAGACCAGCAATCAAGAGG  
CTAGAACAACTATTCTGATCGAATTGAAGAATTGAGAGTCAGTGGGATGAAGTACAGGAACATCTTCA  
GAACCGGAGGCTACAGTTGACTGAAATGTTAAAGGATTCCACACAATGGCTGGAAGCTAAAGAGGAGGCT  
GAGCAGGTGTTGGGGCAGGCCAGAGCCAAGCTTGAGTCATGGAAGGAGGCTCCCTACACAGTAGATGCAA  
TCCAAAAGAAAATCACAGAAACCAAGCAGTTGGCCAAAGACCTCCGCCAGTGGCAGATAAATGTAGATGT  
TGCAAATGATTTGGCACTGAAACTTCTCCGAGATTATTCTGCAGATGATACCAGAAAAGTACACATGATA  
ACAGAGAACATCAATGCCTCTTGGGCAAGCATCCATAAAAGATTGAGTGAGCGAGAGGCTGCTCTGGAAG  
AAACCCACAGATTACTGCAACAGTTCCCTTGGACCTGGAGAAAGTTCCCTTGCTGGCTTACAGAAGCCGA  
AACAACTGCCAACGTCCTGCAGGATGCCACCCATAAGGAAAGGCTTCTAGAAGATTCCAAGGGAGTAAGA  
GAGCTGATGAAACAATGGCAAGACCTCCAGGAGAAATCGAAGCTCACACAGATATCTATCACAACTGG  
ACGAAAATGGCCAAAAGTCTCTGAGATCCCTGGAAGGTTCTGACGATGCAGCCTTGTGCAAAGACGTTT  
GGATAACATGAACTTCAAGTGGAGCGAACTTCCGAAAAGTCTCTCAACATTAGGTCTCACTTGGGAAGCC  
AGTTCTGACCACTGGAAGCGTCTGCACCTTCTCTTCAGGAACCTTCTGGTATGGCTCCAGCTGAAAGATG  
ATGAGTTAAGCCGGCAGGCACCCATTGGAGGAGACTTTCCAGCGGTGCAGAAGCAGAATGATGTACACAG  
GGCCTTCAAGAGGGAATTGAAAACGAAAGAACCTGTAATCATGAGTACTCTTGAGACTGTACGAATATTT  
CTGACAGAGCAGCCTTTAGAAGGACTAGAGAACTCTACCAGGAGCCAGAGAGCTGCCTCCTGAAGAGA  
GAGCCAGAATGTACACCGGCTCCTACGAAAGCAAGCTGAGGAGGTCAACACTCAGTGGGAAAACTGAA  
CGTGCATCTGCACTGGCAGAGAAAAATAGACAGGCCCCGAAAGACTCCAGGAGCTTCAGGAAGCA  
ACAGATGAGCTGGATCTCAAACACGTCAGGCAGAGGTGATCAAAGGATCCTGGCAGCCTGTGGGTGACC  
TCCTCATTGACTCTCTCCAAGATCACCTCGAAAAAGTCAAGGCGCTTCGAGGAGAAATTACACCTCTGAA  
AGAGAATGTCAGCTACGTCAATGACCTTGCTCGCCAACCTACTACGTTGGGCATTACAGCTGTACCATAT  
AACCTCAACACTCTGGAAGACCTGAACACCAGATGGAAGCTTCTGCAGGTGGCCATTGAGGACCGCATCA  
GGCAGCTGCATGAAGCGCACAGGGACTTTGGACCAGCCTCCAGCACTTCTTTCCACTTCTGTCCAGGG  
TCCCTGGGAGAGAGCCATCTCACCAAAACAAAGTGCCCTACTATATCAACCACGAGACCCAAACAACTTGC  
TGGGACCATCCCAAAATGACAGAGCTCTACCAGTCTTTAGCTGACCTGAATAATGTCAGGTTCTCAGCTT  
ACAGGATTGCCATGAAACTCCGAAGACTGCAGAAGGCCCTTTGCTTGGATCTCTTGAGCCTATCGGCTGC  
ATGCGATGCCTTGGACCAGCACAACTCAAGCAAAATGACCAGCCCATGGATATCCTGCAGGTCATTAAC  
TGTCTGACCACATTTATGATCGCCTAGAGCAAGAGCACAAATCTGGTCAACGTCCCTCTCTGCGTGG  
ATATGTGTCTCAATTGGCTGCTGAATGTTTATGACACGGGACGAACGGGGAGGATCCGGGTCTGTCTTT  
TAAAACCTGGCATCATTTCTCTGTGTAAAGCCCATTTTGGAAAGACAAGTACAGATACCTCTTCAAGCAAGTG  
GCAAGTTTCGACAGGATTTTGTGACCAGCGCAGGCTGGGCCCTCCTCCTGCATGACTCTATCCAGATCCCAA  
GACAGTTGGGTGAAGTCGCATCGTTCCGGGGCAGTAACATTGAGCCGAGTGTGTCAGGAGCTGCTTCCAGTT  
TGCTAATAATAAGCCTGAGATCGAAGCGGCCCTCTCTCTAGACTGGATGCGCCTGGAGCCCCAGTCCATG  
GTGTGGCTGCTGCTGTCACCGAGTGGCTGCCGCGGAACTGCCAAGCACCAGGCCAAGTGAACATCT  
GCAAGGAGTGTCCCATCATCGGATTCAGGTACAGGAGTCTAAAGCACTTTAATATGACATCTGCCAAAG  
TTGCTTTTTTTTCTGGTCGAGTTGCAAAAGGCCATAAAATGCACTATCCCATGGTGGAACTACTGCACTCCG  
ACTACATCGGGAGAAGATGTCCGTGACTTTGCCAAGGTACTAAAAACAATTTGGAACCAAAAGGTATT  
TTGCGAAGCATCCCGAATGGGTACCTGCCAGTGTCTTAGAGGGGACACATGGAACCTCC  
TGTCACCTCTGATCAACTTCTGGCCGGTAGATTCTGCGCCTGCCTCGTCCCTCAGCTTTACACAGTAT  
ACTCATTACGCAATTGAGCATTATGCTAGCAGGCTAAAAAAAATGGAACACAGCAATGGATCTTATCTAA  
ATGATAGCATCTCTCCTAATGAGAGCATAGATGATGAACATTTGTTAATCCAGCATTACTGGCGAAGTTT

GAACCAGGAATCCCCCTGAGCCAGCCTCGTAGTCCTGCCAGATCTTGATTTCCCTTAGAGAGTGAGGAA  
AGAGGGGAGCTAGAGAGAATCCTAGCAGATCTTGAGGGGAGAAACAGAAATCTGCAAGCAGAGTATGATC  
GTCTAAAGCAGCAGCATGAACACAAAGGCCCTGTCCCCACTGCCATCCCCTCCTGAAATGATGCCTACTTC  
TCCCCAAAGTCCCCGGGATGCTGAGCTCATCGCTGAGGCCAAGCTGCTGCGTCAACACAAAGGCGCCTG  
GAAGCCAGGATGCAAAATCCTTGAAGACCATAACAAACAACCTGGAATCCCAGTTACACAGGCTCAGGCAGC  
TGCTGGAGCAACCCAGGCAGAGGCCAAGGTGAATGGTACACGGTGTCTTCTCCTTCTACCTCTCTTCA  
GAGGTGAGATAGCAGTCAGCCTATGCTGCTCCGGGTGGTCCGCAGTCAGACTTCAGAATCCATGGGCGAG  
GAAGACCTGCTCAGCCCTCCCCAGGACACAGCACAGGGTTAGAGGAAGTGATGGAGCAGCTCAACCACCT  
CCTTCCCTAGTTCCAGAGGAAGAAATACCCTGGGAAGCCAAATGAGAGAGGACACAAATGTAGGAAGCCTT  
TTCCACTTGGCAGATGATTTGGGCAGAGCGATGGAGTCCCTTAGTTTCAGTCATGACAGATGAAGAAGGGG  
CAGAATAAATGTTTTACAACCTCCTGATTCGCCGATGGTTTTTATAATATTCATACAACAAAGAGGATTAG  
ACAGTAAGAGTTTTACAAGAAAAAACAACAAATCTATATTTTTGTGAAGCGTAGTGGTACTATACTGTA  
GATTTTCAGTAGTTTTCTAAGTCTGTTATTTGTTTTGTTAACAATGGCAGGTTTCACACGCTCTATGCAATTGT  
ACAAAAAGATTATAAGATAAGACTTCCCTTAACACCACCAATGACTACTTCATATGGCTCTTTTATAGGAA  
ACGCTTTTGGGTGTTTTAAAAATTTATAACAGTTATAAAGAAAGATTGTAACATAAAGTGTGCTTTATAA  
AAAAAAGTTGTTTTATAAAACCCCTAAACACACACACACACACACACACACACACACACACACTT  
TGGGGCAGCGCATTGTTTTGCATCGTTTTAGTGTGATATCCACATGAAATTCATGGTTTTTTTTTTCTT  
TTCTGGCAGATTATAAGATAAGACTTCCCTTAACACCACCAATGACTACTTCATATGGCTCTTTTATAGGAA  
TTGGTGAAGTATTGGAACCTGGCTGTGGGTTCGCTTTTATGCATCTATATGTCTAAAATATGTAAATAC  
TGATAGGTATATAGAGAAATAGATCTGAATTTCTAGAGACCTTTGAAATTTCTTGGTCAAATGATCTGGCC  
ACTTGCTAATGGCAAGAGATTGCTTCTGGTCCGCTTACCTGCTTGGTCTAGAATGAATTTTCCCT  
GGAGCCTGAAACCAGGAGGCAACTACCACACTAAAACATTGTCTGGGGCTCCAGATGTTTCTCATTTGAA  
ACTTTCCTGACAGCTACGCTATTGAATCTTTTAAAAGGGACATACGAATGAATACACAGGACTTACTA  
TGTCAGAGTAATCCATGGGTTGATACATTGAGCTTCCCGCTGCTGGCAATGCCACGATCTACATTTAATG  
ATGCTTCAGTGGAGTCAAGACATCAGAAGACATTTTAACTCCAGACAGTGAGGAGGACTTCTAGTA  
GGCTGGAGGGCTGTGGACTCCAGCCAATCCCTGGGAGGGAGGGGGGTCACTCTCAAGTTAAAGGATT  
GGATGAATGTTTATAACCATACATGGAGATCTTTGTAATTACAACAAAATCACTTCCCTCTCCTCACAGT  
GAAATAGCAGTGGGCAATTTGAGGGGGTTTTGCTTTCTTGTCTTATTGCTGCTTTTTTTTTTTTTTAGAA  
TTTTTCCCCTATTGCAAGGAGTTTTTAAATGCCACAAGACTTCATTTAAATAACCCCTTGGGAAGGTGTG  
TAAGACAGCCTCATCATGGTGTGCTCCTGGTAAATATCTACCCAGAAGCCCATGAAGTGTGTTTCCCTAC  
TTCACATTTCTCTACAACATAATTCCACACAGGTTTGTAAAGGGGGGAAGGTAGATGGATTACATGTTCCA  
AAGGGTACTCCAAACCCCTTGTGGTGGGTGAGGAAGGTTAGAGATACAAACATTTGTTCAAAAGAGAATA  
ACCCAAGAGGACTAAGTGGTAGGAACAAGCTTTACTCTATCATCTTCTTGGCCTTTCATTTGTTTTTCAAT  
CATTTACTTACTAGAAATCAGTATGACCTATTATTTTGCATCTGTTACCTCTTAGATCAAGTATCA  
TTAACTTTTGCAGAGTGGGTTTTGTCTATTATTTTATTAATGACAATTAACATCCAACATGGCTTCTCAT  
GCTATTTCTACCTCATTTGGTTTTTGGGGTGTTCCTAATAATCGTGCACACCTGATTTACAGCTTCACT  
ACTTGTCCATCATGTGAACATTTTTCTCCATTTTTTCCCCCACTGTCTATTTCCAAAGGAAAAACCAAGC  
TCTAAGGTAACAGAAATGACATGAAGATTGGTTTTGGTCTTGCATTTTTTCTCCTTTATGTGACACTGGA  
CTTTTTCTTTCCCCGAGATTTTTTTTTTAAACCATGATTTAAACAAGGGGTTGTGTTACTTCTACTAAG  
CAGTTTTAAGTTTTCTTCTAAAAGCAGAGGTAAATAGCGTGCATAATTTTATTTTAACTCTTTTCAATTTTA  
TCTTTTAGACATTAGTTCTGGAGTGAGTCTGTCAAAATATTTGAATAAAAATTGAGAGCTTTATTGCTAC  
GTTTTAAGCATAATTTGGACATTATTCGGTGTCTTTTATAACCACCAAGTATTAACTGTAAATCATAAT  
GTAAGTGAAGCATAAACATCACGTGGCATGTTCTGTCTATTGTTTTTCAGGTACTGGGTTCTTGAGTATCAT  
AATATATTGTGTTTTAACACCAACACTGTAAACATTTACTAATTATTTTTTAACTTCAGTTTTACTGCA  
TTTTTCAACATATCAGACTTACCATAATATATGCCTTACTATTGTATTATATTACTGCTTTACTGTGTA  
TCTCAATAAAGCAGCAGTTATGTTAC

>GBCA0301 |Acc|AF077821|Ver|AF077821.1 GI:3901273|Canis familiaris inducible nitric oxide synthase mRNA, complete cds.

GCAACACGGGAAACCTCACCCGGCCCGGACACGGACAGGATTGACAGATTGATACTCTTTCTCGATTGGC  
TGGGTGGTGGTGCATGGATGGCGTGTCCGTGGAAATTTCTTTTTCAGGGCCAAATCCACCAATATGGAAT  
GAAAGAGGAAAAAGACATTAACAACAATGTGGAGAAACCCCCGGTGCCACTCCAGCCCATCGACACAG  
GATGACCTTAAGAAATCACAAGCATCATAATGATTCCCCGAGCCCTCACGGAGACCGTACAGAACTTC  
CAGAATCTCTGGACAAGCTGCATGCAACCCCATTTGTCCCGCCACAGCACGTGAGGATCAAAAACCTGGGG  
CAATGGCAGGAGTTTCCAAGACACTTCACCAAGGCCATGGGGGTTTTAGCTTGACGTCCAAATTA  
TGCATGGGGTCCATCATGAACACCAAGAGTTTGACCAAGGACCCAGCGACAAGCCCAACCCCTACAGAA  
AGCTTCTACCTCAAGCCATTGAATTCGTCAACCAATATTACGGCTCCTTCAAAGAGGCAAAAATAGAGGA  
ACATCTGGCCAGGGTGAAGCGGTAACAAAGGATATAGAAACACAGGAACCTACCAGCTGACGGGGGAT



TGATGGGACCTAGAGGTCCACCTGGTGCACTCTGGCGCTCCTGGCCCTCAAGGTTTCCAAGGACCTGCTGG  
TGAGCCTGGTGAACCTGGTCAAACCTGGTCCAGCGGGTGCTCGTGGTCCACCTGGGCTCCTGGCAAGGCT  
GGTGAGGATGGTCACCTGGAAAACCTGGACGACCCGGTGAGAGAGGAGTTGTTGGACACAGGGTGCTC  
GTGGTTTCCCTGGGACTCCTGGACTTCTGGTTTCAAGGGCATTAGGGGACACAATGGTCTGGATGGATT  
GAAGGGACAGCCCGGTGCTCCAGGCGTGAAGGGTGAACCTGGTGGCCCTGGTGAAGTGAACGCCAGGT  
CAAACAGGAGCCCGTGGGCTTCTGGTGAGAGAGGACGTGTTGGTGCCCTGGTCCAGCTGGTGCCCGTG  
GAAGTGATGGAAGTGTGGGTCTGTGGGTCTCGTGGTCCATCGGGTCTGCTGGCCCTCCAGGCTTCCC  
AGGTGCTCCTGGCCCCAAGGGTGAAGTCCGACCTGTTGGTAACCCCGGTCTGCTGGTCCCGCGGGTCCC  
CGTGGTGAAAGTGGGTCTTCCAGGTGTTTCCGGCCCCGTGGACCCCTGGTAACCTGGAGCCAACGGCC  
TGACTGGTGCTAAGGGTGCTGCTGGCCTGCCCCGTGCTGCTGGGGCTCCTGGCCTCCCTGGACCCCGTGG  
GATTCTGCTGCTGTTGGTGCCGCTGGTGCTACTGGTGCCAGAGGAATGTTGGTGAGCCTGGGCCAGCT  
GGTTCCAAAGGAGAAAGTGGCAACAAGGGTGAGCCTGGCTCTGCTGGTGCCCAAGGTCTCCTGGTCCCA  
GTGGTGAAAGAAAGAGAGAGGCCCCAATGGTGAAGTGGATCTGCTGGGCCCTCTGGACCTCCTGGGCT  
GAGAGGAAGTCTGGTTCTCGTGGTCTTCTGGAGCTGATGGCCAGCTGGTGTCATGGGTCTTCCCGGC  
CCTCGGGGTGCCACCGGCCCTGCTGGTGCTCGCGGTCCCAATGGAGATTCTGGTCCGCTGGAGAGCCTG  
GCCTCATGGGACCCCGAGGTTTTCTGGTGCCCCGTGGTAATGTTGGCCAGCTGGTAAAGAAGGTCCCAT  
GGGTCTCCCTGGTATTGATGGCAGGCTGGACCAATTGGCCAGCGGGAGCAAGAGGAGAGCCCGGCAAC  
ATCGGATTCCCTGGACCAAGGCCCCACTGGTGATCCTGGCAAAAATGGTGATAAAGGTGATGCTGGTC  
TTGCTGGTGCTCGGGGTGCTCCAGGTCTGATGGAAACAATGGTGCTCAGGGACCTCCTGGACCAAGG  
TGTCCAAGGTGGAAGAGGTGAACAGGGTCTGCTGGTCTCCAGGCTTCCAGGGTCTGCCTGGCCCCGCA  
GGTACAGCTGGTGAAGTTGGCAAAACAGGAGAAAGGGGTCTCCCTGGTGAATTTGGTCTTCTGGTCTG  
CTGGTCCAAGAGGGGAGCGTGGTCCCCCTGGAGAAAGTGGTGCTGCTGGTCTTCTGGTCTTCTGGTCTG  
CCGAGGTCTTCTGGACCCCTGGGCCCCGATGGCAACAAGGGTGAACCTGGCGTGCTGGCGCCCCGGGC  
ACCGCTGGCGCGTCCGGTCCCGTGGACTCCAGGAGAGAGGGGTGCTGCCGGCATTCTGGAGGCAAGG  
GAGAAAAGGGTGAACCCGGTCTCAGAGGCGAAATTTGGTAACCCAGGCAGAGATGGCGCCCGTGGAGCTCC  
TGGTGCCATGGGTGCCCTGGTCTGCTGCCGAGCCACTGGTGACCGGGGTGAAGCTGGTCTGCGCGTCCC  
GCTGGCCCTGCTGGTCTGCTGGTACCCCTGGTGAACGTGGTGAGGTTGGTCCCGCTGGCCCCAATGGAT  
TTGCTGGTCTGCTGGTCTGCTGGTCAACCTGGTGCTAAGGGAGAGAGAGGAACCAAGGGCCCCAAGGG  
TGAAAATGGCCCCGTGGTCCACAGGCCCCATTGGATCTGCCGGCCCATCTGGTCCAAATGGTCCCCCT  
GGTCTGCTGGAAGTCTGGTGATGGTGGCCCCCTGGTGCTACTGGTTCCCTGGTGCTGCTGGGCGGA  
CTGGTCTCTGGACCTCTGGTATCACTGGCCCTCTGGTCCCGCTGGTGCTGCTGGTAAAGAAGGACT  
CCGTGGGCTCGAGGTGACCAAGGTCCAGTTGGCCGAACGGGAGAAACAGGTGCCTCTGGTCCCCCTGGC  
TTTACTGGTGAGAAGGGTCCCTCTGGAGAGCCTGGTACCGCTGGACCTCCTGGCACACCAGGTCTCAAG  
GTCTCCTTGGTGCTCTGGCATTCTGGGTCTCCAGGCTCTCGGGGTGAGCGTGGTCTACCAGGTGTTGC  
TGGATCGTGGGTGACCCCGGACCTCTGGGCTCTGGTCCAGCTGGGGCTCGTGGTCTCTCTGGAGCT  
GTGGGTGCGCCTGGAGTCAACGGTGCTCCTGGTGAAGCTGGTCTGATGGCAACCCTGGGAATGATGGTC  
CCCCAGCCCGGATGGTCAAGCCGGACACAAGGGAGAGCGTGGTTACCTGGCAACATTGGTCCCGTTGG  
CGCTGTGGGTGCACCTGGTCTCATGGCCCTGTGGGTCCCACTGGCAACACGGAAACCGTGGTGAACCT  
GGTCTGCTGGTTCTGTTGGTCCCGTCCGCGCTGTTGGTCCAGAGGTCTAGTGGCCACAAGGTATT  
GAGGTGATAAGGGAGAGCCTGGTGAGAAGGGGCCAGAGGTCTTCTGGCTTAAAGGGACACAATGGACT  
GCAAGGTCTTCTGGTCTTCTGGTCAACATGGCGATCAAGGTGCACCTGGTCTGTGGGTCTGCTGGT  
CCTAGGGGTCTGCTGGTCTTCTGGCCCTGCTGGCAAGATGGTCCGACTGGGCAACCTGGTACAGTCCG  
GACCTGCTGGCATTCTGGTCTCAGGGTAGCCAAGGTCTGCTGGCCCTCTGGTCCCCCTGGCCCTCC  
TGGCCCTCCTGGCCAAGTGGTGGTGGCTATGACTTTGGTTATGAAGGGGACTTCTACAGGGCTGACCAG  
CCTCGCTCACCACCTTCTCTCAGACCCAAGGACTATGAAGTTGATGCTACTCTGAAATCCCTCAACAACC  
AGATTGAGACCTTCTTACTCTGAAGGCTCTAGGAAGAACCAGCTCGCATATGCCGAGACCTGAGACT  
CAGCCACCCAGTAGGAGCATGGTTACTACTGATTTGACCTTAACCAAGGATGCATATGGATGCTATC  
AAAGTATACTGTGATTTCTTACTGGCGAAACCTGCATTCCGGGCTCAACCTGAAAACATCCCAGCCAAGA  
ACTGGTACAGAACTCCAAGTCAAGAAGCACATCTGGTTAGGAGAAACTATCAATGGTGGTACCCAGTT  
TGAATATAATGTTGAAGGAGTAACCAAGGAAATGGCTACTCAACTCGCCTTCATGCGCCTGCTGGCC  
AACCATGCCTCTCAAAACATCACCTACCCTGCAAGAACAGCATTGCCTATATGGATGAGGAGACTGGCA  
ACCTGAAAAAGGCTGTCTATTCTGCAAGGTTCCAAATGATGTTGAACTGGTTGCCGAGGGCAACAGCAGGTT  
CACCTACACTGTTCTTGTAGACGGCTGCTCTAAAAGACAAATGAATGGAGAAAGACAATCATTTGAATAC  
AAAACAAATAAGCCATCCCGCTGCCTATCCTTGATATTGCACCTTTGGACATCGGTGATGCTGACCAAG  
AATTCAGGGTGGAGCTTGGCCAGTCTGTTTCAAATAAATGAACCTCAACCTAAATTAATAAAAAAAGA  
AATCTGAAAAAATTTCTCTCTTTGCCATTTCTTTTCTTTTCTTTTCTTTTAACTGAAAGTTGAGTCCTT  
CCATTTCTCTGCACATCTACTTGCTTAAATTTGGGCAAAAGAGAAGGAGAAGGATTGATCAGAGCATA

GTGCAATACGATTTTCATTTCATTCCTCCCTGCCCCCAAAAATTTGGAATTTTTTTTCAACACTCTTAC  
ATCCGTTGTGGAAATGTCAACCTTTGTTAGAAAAACCAAAATAAAAATGAAAAATAAAATAAAACCAT  
GAACATTTGC  
>GBCA0303 |Acc|AB008468|Ver|AB008468.1 GI:3702696|Canis familiaris PDE5 mRNA for 3',5'-  
Cyclic GMP Phosphodiesterase, complete cds.  
CGGGCTTCAGGGGCGCCTCACCTGGGCTGGTCGGCGCCCCCGGCGCCCCGGAGCCAGG  
GCCTGCGGAGGCGCGGGGGCTGCGCCCCAACGTTCTGTGCTCGCTATGTTGCCCTTTGGACACCAAAG  
AAGAGAAATGGTCAATGCCTGGTTCGCTGAGAGAGTCCACACCATCCCTGTGTGTAAAGAAGGCATCAGA  
GGCCACGCAGAATCTTGCTCTTGCTCCTCGCAGCAGAGTTCCCGTGCAGACAGCAGTGCCTGGCACAC  
CAACCAGAAAATCTGCTGCTCTGAATTTGACCGGCTCTTAGACCCATTGTCGTCAAAGATTCTGAGGG  
TACTGTGAGCTTCTCGCTGACTCAGAAAAGAAGAACAGATGCCTCTAACCCCCCAAGGTTTGATAAT  
GATGAAGGGGACCAGTGCCTCGAGACTCTTGAATTAGTGAAAGATATTTCTAGTCATTTGGATGTCACAG  
CCTTATGTCATAAAATTTCTTGCAATTCATGGACTTATCTCCGCTGATCGCTATTCCTGTTTCTGT  
CTGTGAGGACAGTCCAATGACAAGTTTCTTATCAGCGCCTGTTTGTATGTTGCAGAAGGTTCAACACTG  
GAAGAAGCTTCAAATAACTGTATCCGCTTAGAATGGAACAAAGGCATTGTGGGACATGTGGCAGCAGCTTG  
GTGAGCCCTTGAACATCAAAGATGCTTATGAGGATCCCGGTTCAATGCAGAAGTTGACCAAATTACAGG  
TTACAAGACACAGAGTATCTTTGTATGCCAATTAAGAATCATAGGGAAGAGGTTGTTGGTGTAGCCAG  
GCCATAACAAGAAATCAGGAATGTTGGGACATTCACTGAAAAAGATGAAAAGGACTTTGCTGCTTATT  
TGGCATTGTTGGTATTGTTCTTCATAATGCTCAACTCTATGAGACTTCACTGCTGGAGAACAAGAGAAA  
TCAGGTGCTGCTTGACCTTGCTAGCTTAATTTTTGAAGAACAACAATCATTAAGTAATTTCTAAAGAAA  
ATAGCTGCCACTATTATCTCTTCATGCAGGTGCAGAAATGCACCATTTTCATAGTGGATGAAGATTGCT  
CCGATCTTTTTCTAGCGTCTTTTACATGGAATGTGAGGAATTAGAAAAATTGCCAGATACGTTAACAG  
GGAACGTGATGCAACAGAATCAATTACATGTATGCTCAGTATGTCAAAAATACTATGGAACCACTTAAT  
ATCCAGATGTCAGTAAGGACAAAAGATTTCCCTGGACAAATGAAAACACAGGAAATGTAAACCAGCAAT  
GCATTAGAAGTTTGCTTTGTACTCCTATAAAAAATGGAAGAAGAAATAAGTGATAGGGGTTTGCCAACT  
TGTTAATAAGATGGAGGAGATACTGCAAGGTTAAGCCTTTCAACCGAAATGATGAACAGTTTCTGGAG  
GCTTTTGTCTATCTTTGCGGCTTGCGGATCCAGAACACACAGATGTATGAAGCAGTGGAGAGAGCCATGG  
CCAAGCAGATGGTCACACTGGAGGTTCTATCCTACCATGCTTCAGCAGCAGAGGAGGAAACAAAAGAGCT  
CCAATCCTTGCGGCTGCTGTGGTACCATCTGCTCAGACGCTTAAATTAAGTACTGACTTCAGTTCAGTGAC  
TTTGAGCTGTCTGACCTAGAAACAGCACTGTGCAAAATTCGGATGTTCACTGACCTCAACCTTGTGCAGA  
ACTTCCAGATGAAACATGAGGTTCTTGCAGGTGGATTTTAAGTGTAAAGAAGAAATACAGGAAGAATGT  
TGCCTATCATAATTGGAGACACGCTTTAATACAGCTCAGTGCATGTTTGTGCTTAAAGGCCGGCAAG  
ATTCAGAAACAGCTGACTGACCTGGAGATACTTGCCCTGCTGATTGCTGCTCTCAGCCACGACTTGGAC  
ACCGTGTGTAATAACTTATATACAGCGAAGTAAACACCCACTTGCTCAACTCTACTGCCATTCAAT  
CATGGAGCATCATATTTGACCAGTGCCTGATGATTCTCAATAGTCCAGGCAATCAGATTCTCAGTGGC  
CTCTCCATTGAAGAATATAAGACCACGCTGAAAATAATCAAGCAAGCTATTTTAGCCACAGACCTAGCAT  
TGTACATTAAGAGACGAGGAGAATTTTTGAACCTATAAGAAAAATCAATTCAACTTGAAGATCTGCA  
TCAAAAAGAGTTGTTTTAGCGATGCTGATGACAGCTTGTGACCTGTCTGCCATTACAAAACCGTGGCCT  
ATTCAACAACGGATAGCAGAACTTGTAGCAACTGAATTTTTTGACCAAGGAGACAGAGAGAGAAAAGAAC  
TCAACATAGAGCCTGCTGATCTAATGAACAGGGAGAAGAAAACAAAATCCCAAGTATGCAAGTTGGGTT  
CATAGATGCCATCTGCTTGCAACTATATGAGGCTCTGACCCACGTATCAGAGGACTGCTTCCCTTTGCTG  
GATGGCTGCAGAAAGAACAGGCCAAAATGGCAGGCCCCTAGCAGAACAGCAGGAGAAAACGCTGATTAATG  
GGGAAAGCAGCCAGGCCAAGCGGAACCTGAGTGGCCTATTTACGTGGAGTTGAAGTTTACAGATGGTGTAT  
CTGCAGGATGTCTAATTTTGTCTATACACTGTACAGATTTAGTATATACTTTGCCACTGCTGTATTTTAT  
TTTTGCACAACTTTTAAGAGCACAGCATGAAACGTTTTTAGGGGACTATTACATATTTCTGTATATTTG  
TTTTATGGCTGATCTGAGATTATTGGCACCACTCTTAGCACACAGATGAGAGCTCTGTGATACT  
TTGTGTACTGCAAGTGCAAGTTAAGTTCTTGCACTGAGGTAGGTTTTTGTGTTTTGTTTTGGGTTT  
TGGGGGTTTTGCTTTTTTGTGTTTTGCTTGGGGATTTTAAATAATTGGTTTTTGTGTTTTCTGAATTACCA  
TCTTCTAAAGAATGTTTGAATCTTTTCATTCTCAAAAATAGTCTAGGAGCAAATGAATGTATTCTGTG  
ACATTTAAACCATCATAGTTAGAGAAAAGTGTGCTTGTAGTGGATTTTACGGGGAAGGAGATAGTTT  
TCAACAGTTGTATTACCTTAACAAAAAAAGTCAAACTCTGCAACAATTGGAAGTACTCTAAGGCAGT  
ACTGTAAAGAAAAGGTATTGTTTAAATCAATTGCTGTTTTTGTGTTGAGAGCAGGAAGGGGAGAACTCTT  
CATTTTCAGTACTTACATCTATCCAGAGACTAACCGTAAGTCAATTTCAGTATACACCGCTGATGGAAG  
CAGGGGAAGCCTTAGAAGACAATGATTTTCATGGACTTCATGGTCCCTGGCTTTATGAGGGAGGAGGGG  
GTGTGATCCGGAATGGAATGGCTGTATCTGTCTCAGTGAAGAGAAATATTCTGTTGGAAGCCTCTCTGA  
GAGTCCGTGTTTTGAATATTGAAATTCCTTTTAAATAAATCTCTTATCCTTTTTCTTACAAACCATAG  
TTTATGAGTGAACAGTTTAGGTCTCAACAGAAAACCTGAGGAAAATATGATAATTGGAGCATTGACTTGAG

GTGAGATACGACTGCAGATAAAAGGTAAATGAATCATCATTCTTTCTTTGTCAGAGCAAGTATAGAGAAT  
AGTTTAACTGTATAAACAGCAAAGGACTATCCTGCTATTGGGGTCAAAAATTAAAGTGAGAGACAGGA  
AGGTAAGAAGGCTTAGCCCTGAATTAACGTAAGAGTACTGAGTTTGAATTGAGAACTGCCCTTTTTT  
TCAGTTCATAGGACTGGTCAGCTCAGTATCACGGAAGTTTGGGTGTGTATACTAAATGCTTACCCTGAGC  
CATATAGTTGTTGATATTACTTCTCATAGATTTTAATTTTAGCACATATAGAAAATCCTAACATTGTCT  
TAGATTTGAGCCTGTTTGTGAGTGGATTCCCATGATCGTGTGTACCTAAATACCAATTTATTCATTATTG  
GAGACGTAGATAGTGAATCTAGCAACTGGTTCAGGAAAGGAAAATCTATTCCAAATATATGCTAATGTTT  
GGACTCAGGGAAAGTAGGAAGAGAGCTGTTTGTGTGATTGTTAACCACCCGTGCCAAAAAATGTTTCT  
GAGTTTCAGTCACTAAATTGGGTGGAGAATTC

>GBCA0304 |Acc|AF027178|Ver|AF027178.1 GI:2598975|Canis familiaris Can f 2 mRNA, complete cds.

AGAGCTGGACCCGTGTGTGTGCTGGCCAATGAGCCCTGGAGGGTCCGGCTCCAGAGTACCCTCTTGGCAC  
AGGGCCGAGTCCATCGGGACAGATGAACCTAGAGGACTCCACTGCCCTCCCATCCACGGGGCCGGGTCCAC  
CAGACTCTGCAAGTCTCCAGCTGTGCGCAAACCCAGACAGAAGGTGCTGTGGACATGCAGCTCCTACTGC  
TGACCGTGGGCTGGCACTGATCTGTGGCTCCAGGCTCAGGAGGGAAACCATGAGGAGCCCCAGGGAGG  
CCTAGAGGAGCTGTCTGGGAGGTGGCACTCCGTTGCCCTGGCCTCCAACAAGTCCGATCTGATCAAACCC  
TGGGGGCACTTCAGGGTTTTTCATCCACAGCATGAGCGCAAAGGACGGCAACCTGCACGGGGATATCCTTA  
TACCGCAGGACGGCCAGTGCAGAAAGTCTCCCTCACTGCGTTCAAGACTGCCACCAGCAACAAATTTGA  
CCTGGAGTACTGGGGACACAATGACCTGTACCTGGCAGAGGTAGACCCCAAGAGCTACCTGATTCTCTAC  
ATGATCAACCAGTACAACGATGACACCAGCCTGGTGGCTCACTTGATGGTCCGGGACCTCAGCAGGCAGC  
AGGACTTCTGCCGGCATTCGAATCTGTATGTGAAGACATCGGTCTGCACAAGGACCAGATTGTGGTTCT  
GAGCGATGACGATCGCTGCCAGGGTTCCAGAGACTAGGGCCTCAGCCACGCAGAGAGCCAAGCAGCAGGA  
TCTCACCTGCCTGAGTACGGT

>GBCA0305 |Acc|AF027177|Ver|AF027177.1 GI:2598973|Canis familiaris Can f 1 mRNA, complete cds.

ATGAAGACCCCTGCTCCTCACCATCGGCTTCAGCCTCATTGCGATCCTGCAGGCCCAGGATACCCAGCCT  
TGGGAAAGGACACTGTGGCTGTGTCAGGGAAATGGTATCTGAAGGCCATGACAGCAGACCAGGAGGTGCC  
TGAGAAGCCTGACTCAGTGACTCCCATGATCCTCAAAGCCCAGAAGGGGGGCAACCTGGAAGCCAAGATC  
ACCATGCTGACAAATGGTCACTGCCAGAACATCACGGTGGTCTGACAAAACCTCTGAGCCTGGCAAT  
ACACGGCATAACGAGGGCCAGCGTGTGCTGTTTCATCCAGCCGTCCCCGGTGAGGGACCACTACATTCTCTA  
CTGCGAGGGCGAGCTCCATGGGAGGCAGATCCGAATGGCCAAGCTTCTGGGAAGGGATCCTGAGCAGAGC  
CAAGAGGCCTTGAGGATTTTCGGAATTCTCAAGAGCCAAAGGATTGAACCAGGAGATTTTGGAACTCG  
CGCAGAGCGAAACCTGCTCTCCAGGAGGACAGTAG

>GBCA0306 |Acc|AF019759|Ver|AF019759.1 GI:2425090|Canis familiaris beta-glucuronidase (GUSB) mRNA, complete cds.

CGGGGCTGCGGGCTGCGGGCTGCGGGCTGCGCGCCGGGGCCACGCGCGGCCGACGGAAGCATGTCTCG  
GGGGCCGGCGGGGCTGGGTAGCGCTCGGCCCGCTGCTTTGGACCTGCGGGCTGGCGCTGGAGGGCGGG  
ATGCTGTACCCCGGGAGAGCCCGTCGCGGGAGCGCAAGGACCTCGACGGCCTCTGGAGCTTCCGCGCCG  
ACTTCTCCGACGCGCGCGCCAGGGCTTCGAGCAGCAGTGGTACCAGGGCGCGCTGCGCGAGTCCGGGCC  
CACCTTGGACATGCCAGTTCGCTCCAGCTTCAATGATGTGGGCCAGGATAGGCAGCTGCGCAGCTTTGTC  
GGCTGGGTGTGGTACGAGCGGGAGGCCACCCTGCCCCGGCGATGGAGCCAGGACCCGGGCACGAGAGTGG  
TGCTGAGGATTGGCAGCGCCCACTACTATGCCATCGTGTGGGTGAATGGGGTCCATGTGGCAGAGCACGA  
GGGGGGTCACTCCCTTCGAAGCTGACATCAGCAAGTTGGTCCAGAGCGGGCCCTGTCTCTCTGCCGT  
ATTACCTTGGCATCAACAACACGCTCACCCCCACACTCTGCCGCCAGGGACCATCGTCTACAAGACAG  
ACGCTTCCAAGTACCCCAAGGGTTACTTCGTCCAGAACACATACTTTGACTTCTTCAACTACGCGGGCCT  
GCATCGCCCTGTGCTCCTCTACACCACCTACTACTACATCGACGACATCACCGTCACCACCGGCGTG  
GACCAAGACACTGGGCTGGTGGATTACAGATTTTGTCTCCAGGGCAGTGAACACTTCCAGCTGGAATGT  
ATCTTCTGGATGAGGAAGGCAAGGTCTGTGGCCAGGGGACAGGGAGCCAGGGCCGGCTGCAGGTGCCCAA  
TGTCACCTCTGGTGGCCGTACCTGATGCATGAGCACCCCGCTACCTGTACTCGTTGGAGGTGAGGCTG  
ACTGCGCAGATGGCCGCTGGGCTGTGTCAGACTTCTATACCTCTCCCGTGGGGATTGCGACCGTGGCCG  
TCACAGAGCGCGATTTCTCATCAACGGGAAACCTTTCTATTTCCATGGGGTCAACAAACATGAGGATGC  
CGATATCCGAGGGAGGGCTTTGACTGGCCGCTGCTGGTGAAGGACTTCAACCTGTTGCGCTGGCTGGGC  
GCCAATGCCTTCCGACACGACCTACCCCTACGCGGAGGAGGTGATGCAGCTCTGCGACCGCTATGGGA  
TCGTGGTTCATCGACGAGAGCCCTGGTGTGGGCATGCTGGTCCAGAGCTACAGCAATGTGTCCCTGCA  
GCACCATCTGGAGTGTATGGGGGAGCTGTGCGTGGGATAAGAAATCACCCATCTGTAGTCATGTGGTCT  
GTAGCCAATGAGCCCACTTCTCTCTGAAGCCTGCTGCTTACTACTTCAAGACGCTGATTGCTCACACCA  
AGGCCTTGGACCCCTCCCGGCCGCTGACCTTTGTGACCAATTCACACTATGAAGCAGACCTGGGGGCGCC



1324



[illegible]

TCCCCCTTCTTCAGGTTCTTCCCTGGATTCTCCTTTTCTCTCCCTCTCGTCCCCTACTAGGTCTCCCC  
TCCCCAGTCTTATTGGCTCTTTTATACCTCCTCCTTCTGTCTGTGCCTCCTGGCTACCCACCCCCCTCAA  
GAGCCTGCTCCTCCTCCCAACTTGCTTTGGCCACTCAGTGAATATTTTGTGTTTCTTGTGTGCTACACAC  
ACTGTTCTGAGAATCTGGATACAGTCATGCATAAAAGAAAGATTTGTCTTAGAAGAAGAGTTTTAGAA  
CACTTTTATTGATATCTTCACAGATTGAGTACAAAAGACTAAGTATTTCAAATTAGGATATTCT  
TTAATCTTTTATCACACAATTTTCCCATTTATTTGGTGGGAGTGGCATATATTTTTCATATTTGTATGTA  
TTATGGTTTACCATTCTAAGGAGCTTGAATTTGAGATCTAACTAGAGATCAGAACTCAATCAGAAAAC  
ATGTAATAAAATGAAATTTCAATAAGA

>GBCA0311 |Acc|U33628|Ver|U33628.1 GI:1122947|Canis familiaris sphingolipid Ca<sup>2+</sup> release  
mediating protein of endoplasmic reticulum mRNA, complete cds.

CAAAATTTCTTTTCTAGTCATGCTTTTAAAGATACTTTTCTAAAAAGATTTATTTCCAGAGTGTTCCCAT  
GTTGGTTTAAATTTCACTGTTTTCAACATTTTAGAGCAATACCTCATCTACTTGATTTTGTGTCTGCTGA  
AGTCTTCGGTTGCTGCCAGGCGGCACTTGACCCTGGGGTTCACCTGCAGACNCTGAAATGGGTAAAGGC  
ACAAGCATGAGTAAATGACATACATTTTATTAAGTATGAAGACATTATCCCAAGGCATCAC  
TGTTTAGAGGTTTCAAGACTTAAGCAGAAAAAGAAACCTTCTACAGTAAGGAACAAAGGTTCTAATGAC  
ATTTCTTCTAATTCCTCTATAATTTCCAGGATTCATCATATGTTAAAGTGAGCAGGGTCTCAAGTGAAG  
GTTTAAATATCACTTTCTATCACTGAGGCACCTGATCTTAAGATCAGGGATCCTAAGATAGAGAACTCTA  
CCTTCCAGTTTTTTTAAATGACACATCTACTTAAATGCACTCAGTACTCTCCTGAACCTCTCATTTGT  
GGCGAGAAGTGTTCATGGTTATGAACAATTACAGAATGCCACTTTTCCAGTTTGGAGAAATATATTCA  
TTTATATAAACAGGGTCAGGAACATCAAGAGGCAAGGAGGAGGGGTGGTGTGAGTGGGAAAGGTGAGAT  
GAAGCAGTGCCTTCTCTCTTAAAGGTACTTCTCTTTTCAAATCCTCACTGAAGGCCATTTGCTCTCC  
AGCCAGATCTTTCTTGACCACTGTGGCTTTGAAGTCTTATCGCTTCCGTTTTCTTGGCTGGCCATGCTTT  
TCATTTTTCACACACACATACACACACAGCTGACCCTTGAACAAGGTGGGGTGTGGGGTGGCCAGCGCC  
GACCCTCCCCCTCCCCATGGTTGAAATCTGCATATAACTTTTGACTCCTCCAAAATTTAACTACTAA  
TAGCCTACTGCTGACCAAGGCCTTACCAATAACATAAACAGTCGATTAACAAGTATTTGTATATTATA  
TGATATACACTGTGTCTTACAGTAAAGTAAGCTAGAGCAGAAAATGTTAAGAAAATCGTAAGACAAG  
GGCAGGCCAGGTGGCTCAGCAGTTTAGCGCCACCTTCAGCCAGGACTGATCCTGGAGACCCGGGATGGA  
GTCCCATGTGCGGCTCCTGCGATGGAGCCTGCTTCTCCTCTGCTGTGTCTCTCATGAATAAATACA  
TAAATCTTAAAAAAGGAAATCGTAAGACAGAGAAAATACGTTTACATTACT  
GTATTGTATTTTATTTGAAAAAACCCACCTGTAGTGGACAGCAGTTCAAACCCATATTGTTCAAGG  
GTCATCTGTAATGTCTTGCTTCCCTGATAGATCAGCTCCTGTGTCTTACAGGTCTCTTCCCTGTACC  
CAAGACAGCACCTAGCCTGGGCCTTGACTACAACAGCTACTGATGACCCACTGATTCAAGTTATTTTAT  
ACCTACCACATGTCAAAGACAGGGATGCAGCAGATCCCATGCCCTGACCTTACACTTTATTTTATTCTC  
TGATAGTAAATAGCGAAGCAACCATGCAATGGCAGATTTTCTCACTTAGCATTTTCTCATTCAGTCCTTT  
CAACTCTTTGAGGGTGTGTGTGTGTACTACTATCAACCCATTTCTGGAAGCAAAAAGTGGGATTTAGAA  
AGTCAACAGTGCTGGTTGAGTGGAACTGTCTTAGACCAGGTCTCCTATAATTCACCGATCTAGACCT  
TAATTAACCATTTGTGATTTACTGGCACGGCAGCGCGGCAGGTACACTC

>GBCA0312 |Acc|U34246|Ver|U34246.1 GI:1054900|Dog plasma PAF acetylhydrolase, complete  
cds.

CCGCGCGCTCCGGCCGGGGGACCTGGTTCCGGCGAGCGGCTCAGCGCGGCGCCCGGAAGTTTAAAGCTGA  
AACCACTGCTCAGCTTCCAAGATGTTGCCACCCAACTGCATGCGCTTTTCTGCCTCTGCAGCTGCCTCA  
CACTGTTTCTCATCTATTGACTGGCAAGACCTAAATCCTGTTGCCATATTAGATCATCAGCATGGGCCAA  
TAAATACAAGCTCTGATGGCTGCTGCAAGTATTAGGCAAGTAGAATFCCCAAAGGAAATGGATCTTAT  
TCTGTGCGTTGTACAGATTTGATGTTTGATTATACTAATAAGGGCACCTTTTTGCGTTTGTATTATCCAT  
CGCAAGAGGATGACCACTCTGACACGCTTTGGATCCCAACAAAGAATATTTTTTGGTCTTAGTAAATA  
TCTTGGAAACACCTGGCTTATGGGCAAAATATTAGCTTCTTTTTTGGTTTCACTGACAACTCCTGCGAAC  
TGGAATTTCCCTCTGAGGACTGGTGAAAAATATCCACTGATTGTTTTTCTCATGGTCTTGGAGCATTC  
GGACAATTTATTCTGCTATTGGCATTGATCTAGCATCACATGGGTTTCATCGTTGCTGCTATAGAACACAG  
AGATGGATCCGCTCTGCGACTTACTATTTCAAGGACAGTCTGCTGCAGAAATAGGGAACAAATCTTGG  
TCTTATCTTCAAGAACTAAACAGGGGATAGGAGATACATGTTTCAAGTGAAGGATGAGCAAGGATGAGAAAGG  
CAAAGGAGTGCTCCCAAGCTCTCAACTTGATTCTGGACATTGATCATGGAAGGCCAATTAAGAATGTACT  
AGACTTAGAGTTTGTATGTGAACAACGAAGGACTTATTGACAGGGATAAATAGCAGTAATTGGACAT  
TCTTTTGGTGGAGCCACAGTTCTTCAAGGCTCTTAGTGAAGACAGAGATTTAGGTGCGGGATTGCCCTGG  
ATGCATGGATGCTTCCATGGATGATGCAATATATCCAGAATCCCTCAGCCCCCTTTTTTTTATTAACCTC  
GGAACGGTTCCAATTTCTGAGAATATCAAAAAATGAAAAATGCTACTCACCTGACAAAGAAAGAAAA  
ATGATTACAATCAGGGGTTCACTCCATCAGAACCTTCTGCTGATTTTCACTTTTACAACCTGGCAAAATAGTTG  
GATACATATTACATTAAGGAGATATAGATTCAAAATGTAGCAATTGATCTTTGCAACAAAGCTTCATT

GGCATTTTACAAAAGCATTTAGGACTGCGGAAAGATTTTGATCAGTGGGATTCTTTGATTGAAGGAAAA  
 GACGAAAATCTTATGCCAGGGACCAACATTAACATCACCAACGAACATGACACTCTACAGAACTCTCCAG  
 AAGCAGAGAAATCGAATTTAGATTAAAAGCACTTTTTTAAAGATCTTGTTTAAAAAAGTGTCAAAAAATGT  
 GTGTATGACTTTTAAATATATTTTCTCAAATAACTCATATTGGAAAATGTAGGCTATCCCATAAAAGTGAT  
 TGAAGCTTGGACTAGGAGGTTTTTTTTCTTAAAGAAAGATTGGTGTCTATCGAAATCATGCCAGCCTAAA  
 TTTTAATTTTACTAAAATGATGCTGTGTCAAATTAATAACTACTTTTACATTCTTTAATGGACAAGTAT  
 AACAGGCACAAGGCTAATGAAAACGTGTGCAATGACATAACAATCCCTAAAAATACAGATGTTCTTGCC  
 TCTTTTTTCTATTATAATTGAGTTTTAGCAACATGTTATGCTAGGTAGAATTTGGAAGCACTTCCCTTTG  
 ACTTTTGGTTCATGATAAGAAAAATTAGATCAAGCAAATGATAAAAGCAGTGTTTTACCAAGGATTAGGGA  
 TACTGAACAATTTCACTATGTTAACTGAATGGGGAGTGACCAAGGGTAAAAATATTAAAGCCAAGGCAAA  
 GGCAGCAGATTAGAATGGATTAAAGAGAGTTTATAATTTGTTGCAATTTACTTGATGGTTTATCTCATGG  
 ATTCATGAGTCAAGAAAGGTGCGTAGGACAGGCCAGGGATTCCAGTTATAACACATTATTACCCAAAGG  
 CTGTGAGAAATAACCAAGGAAACATTAGACTTTTAACTGTTTATCTTTCCAATTTTCATGTTCTTTAAT  
 TCTGTATGAGTATTGGGAGTGGATTAGCACAATAGAGGCATATGTTGCTTTA  
 >GBCA0313 |Acc|U25183|Ver|U25183.1 GI:818846|Canis familiaris muscle type  
 phosphofructokinase (M-PFK) mRNA, complete cds.  
 GCTAAGACTAAAAGAGTGGATCATGACCCATGAAGAGCACCATGCAGCCAAAACCTTGGGGATCGGCAAA  
 GCCATCGCGTGTTAACCTCTGGTGGAGATGCCCAAGGTATGAATGCTGCTGTGAGGGCTGTGGTTCGAG  
 TGGGTATCTTTACTGTTGCGCCGTGTCTTCTTTGTCCATGAGGGTTACCAAGGCCTGGTGGATGGTGAGA  
 TCACATCAGGGAAGCCACCTGGGAGAGCGTTTCGATGATGCTTCAGCTGGGTGGCACAGTCATTGGAAGT  
 GCGCGGTGTAAGGATTTTCGGGAACGAGAGGGGCGACTTCGAGCTGCCACAACCTAGTGAAACGTGGGA  
 TCACCAATCTGTGTCTATCGGGGTGATGGCAGCCTCACTGGGGCGGACACCTTCCGTTCTGAGTGGAG  
 TGAATGCTGAGTGAAGTCTGAGAAAGCGGGTAAGATCACAGCGGAGGAGGCTACGAAGTCCAGCTACCTG  
 AATATCGTGGGCTTGGTGGGCTCAATTGACAATGACTTTTGCAGGCACTGACATGACCATCGGCACCGACT  
 CTGCCCTGCACCGGATCATAGAGATCGTGGATGCCATCACCCTACTGCTCAGAGCCACCAGAGGACGTT  
 TGTGTTGGAAGTGAATGGGCCGCACTGTGGATACCTGGCCCTTGTACCTCCCTCTCTGTGGGGCTGAC  
 TGGGTTTTTATTCCTGTTGCGCCAGATGATGACTGGGAGGAACATCTTTGTGCGCCGGCTTAGTGAGA  
 CAAGGACCCGGGTTCTCGTCTCAACATCATCATTGTGGCTGAGGGTGCGATTGACAAGAATGGGAACCC  
 AATCACCTCAGAAGAAATCAAGGAGCTGGTGGTAAAGCGTCTGGGATATGACACTCGGGTCACTGTCTTG  
 GGCATGTGCGAGCGGGTGGGACCCCATCAGCCTTCGACCGAATCCTGGGCAGCAGGATGGGTGTGGAAAG  
 CAGTGAATGGCGCTCTTGGAGGGGACCCGGACACCCCGGCTGCGTGGTGAGCCTCTCTGGTAACCAAGG  
 TGTGCGCTGCCCTCATGGAGTGTGTACAGGTGACCAAGGATGTGACCAAGGCCATGAATGACAGGAAA  
 TTCGATGAAGCCATGAAGCTGAGAGCGCGGAGCTTCATGAACAACCTGGGAGGTGTACAAGCTTCTGGCTC  
 ACATCAGACCTCCGCTCTCGAAGACATCGGCTACCATGCACACGGTGGCCGTGATGAACGTGGGTGCCCC  
 AGCCGCAGGCATGAATGCTCCGCTCCGCTCCACCGTGAGAATTGGACTCATCCAGGGCAACCGGTGCTG  
 GTTGTGCATGATGGCTTCGAGGGCTGGCCAAGGGTCAGATCGAGGAGGCTGGCTGGAGCTATGTGGGG  
 GCTGGACTGGCCAAGGCGGTTCCAACTTGGGACTAAGAGGACTCTGCCCAAGAGAGCTTTGAGCAGAT  
 CAGTGCCAACATCACTAAGTTTAACTTCAAGGGCTGATCATCATCGGGGCTTTGAGGCTTACACTGGG  
 GGCCTGGAGCTGATGGAGGGCAGGAAGCAGTTTATGAGCTGTGCATCCCGTTTGTGGTCACTCCCTGCTA  
 CGGTGTCCAACAACGTCCCTGGCTCGGACTTCAGCGTGGGCGCTGACACAGCCCTCAACACTATCTGCAC  
 GACCTGTGACCGCATCAAGCAGTCAGCAGCAGGCACCAAGCGCGGGTGTTCATCATTGAAACTATGGGT  
 GGCTACTGCGGCTACCTGGCCACCATGGCAGGCCTGGCCGCTGGGGCGGATGCTGCCTACATTTTGGAGG  
 AGCCCTTCACCATTCGGGACCTGCAGGCAAAATGTTGAACATCTGGTGCAAAAGATGAAAACAACCTGTGAA  
 GAGGGGCTTGGTGTAAAGGAATGAGAAGTGCAATGAGAATATAACCACGGACTTCATTTTCAACCTGTAC  
 TCTGAGGAGGGGAAGGGCATCTTCGACAGCAGGAAGAATGTGCTCGGCCACATGCAGCAGGGTGGGAGCC  
 CACTCCATTTGATAGGAATTTTGCCACTAAGATGGGCGCAAGGCTATGAACTGGATGTCTGGGAAAAT  
 CAAAGAGGTTACCGTAAATGGGAGGATCTTTGCCAATACGCCAGACTCGGGCTGTGTTCTGGGGATGCGT  
 AAGAGGGCTCTGGTCTTTCAACCAGTGAAGTGAAGTGAAGGACAGACAGATTTTGATCACCAGCATCCCA  
 AGGAACAGTGGTGGCTGAAGCTGAGGCCATCCTCAAATCCTAGCCAAGTACGAGATTGACTTGGACAC  
 CACAGAGCAGCCCCACCTGGAGCAGATCAGTCGGAAGCGATCTGGAGAACTTCTATCTAACCCTCTTTG  
 GAGTAGGGTATACCGTATGCTGATCATGGTGTGATCAGCTACCCCTGATAGATCCAAGTCCATGTATCCCA  
 AGTATTTTAGCTCATTTTCTTTAGGTTTCTTTTATCTGCAACTGTAGCCATGACAGCTCTGGCCAG  
 GGAGCTGGGGCAGCGGGCAGTGAAGAGGCTCCTTTTAGGTGGAATTTATCAACTTCTACCCAGCTTC  
 ATCTGTACACAAGACTGGGCTCCTCTAGTGCTACTGCTAGATTTTCAAGTCTCTGGTGTAGAAATTTTCTG  
 AAAATAAGCTTTTATTTTCTTTGTGATAACAAAGTCTTGGTTCCTCTATTACTTTTACTGCAGTGACA  
 AACAATAGTACACTAATAAATGCCAACTGGTCACTGTGAAAA  
 >GBCA0314 |Acc|U10308|Ver|U10308.1 GI:607813|Canis familiaris interleukin-8 mRNA,

complete cds.

GTAAACATGACTTCCAAGCTGGCTGTTGCTCTCTTGGCAGCTTTTGTCTTTCTGCAGCTCTCTGTGAAG  
CTGCAGTTCTGTCAAGAGTCAGTTTCAGAACTTCGATGCCAGTGTATAAAACACACTCCACACCTTTCCA  
TCCCAAATATATTAAAGAACTGAGAGTGATTGACAGTGGCCACATTGTGAAAACCTCAGAAATCATTGTA  
AAGCTTTTCAATGGAAATGAGGTGTGCCTGGACCCCAAGGAAAAATGGGTACAAAAGGTTGTGCAGATAT  
TTCTAAAGAAGGCTGAGAAACAAGATCCGTGAAACAACAACACATCTCTGTGGTTTCCAAGAATTCCT  
CAGGAAAGATGCCAATGAGACTTCAAAAAAATCTATTTTCACTACTTCATGTCCCGTGTAGACCTGGTGT  
GGATTGCCAGATAAAAAACAGTATGCCAGTTAGATTTGAATATTAAGTAAACAATGAATAGTTTTTT  
TCTAAAGTCTCATATATGTTGCCCTATTCAATGTCTAGGCACACTTACATTAACATATTATTCATTGTT  
TGCTGTAAATTCAAATGTAGCTGGAAATCCTGGATATTTTTGTTGTTGTTACATCTTTCCACCTCACCT  
ACAGGCCAGGATGCATGAGTCCCTTTTCAACCTTGCCTTGGTCTCTTCTTTATTCCTCAACTGGAGAAAA  
GGTATCAGCAAGCATCCTACCTCACAGAAATATGAGGACATATGGAAGCACTTTAACTTTTTCTCATGTT  
GTCATAAATTATGTTCAAGTGAAACTTGTGTTGCCATTTTATTATTTATGTATTTATTTAAGAAACAAATAT  
GGGAATATCTGTGCATAAATTTGGAAAAATAGGAAAGCAATGTTGATAAGTTAGTATAATAGGTT  
AGTGAATTTATATTTTATTTTGGTATTTAGTGATGTTATATTAAGAACTATTTTGTTTTTTTTTTTTAA  
AGAACTATTTTGAACAAGGTTGCTAGATTTAGCAAAATTAATAATGAGATACTCATTTAATTTTGATTTC  
AAACAATAATTTTTTATTATATTATTTTATCTGAAATTTCAATTGAACCGCAATCCTACTTTTGATAC  
TCCTAGTCTTGTCTATTCACTGACAGCCTTGTCAATGCTGGGTTGAATGATCATAACCTGAGTTAGAA  
TTGTTTCTCCAAAGAGCAAAACTCGACAAGCAATATTAATGAAGTAATTTCTTGCCAGTTAAATTTGT  
ATATTTATAATATACAAAATAGATTCCCTTATAATTTTACTTATTGTGTTCTTAAACACTGACTTTTTTAC  
TTTAAGATGCTTTTATATGTTTCCCAAGAGATTTTTTTTTTCTCCTATTTTTTGATGCTATGGAATAAAA  
ATGTAAAAATATTTAAAAATAAACTTATTGTCAAAGTC

>GBCA0315 |Acc|U04361|Ver|U04361.1 GI:517411|Canis familiaris interleukin 2 receptor  
gamma chain (IL-2R) mRNA, complete cds.

ATGTTGAAGCCACCATTGCCACTCAGATCCCTCTTATTCTCTGCAGCTGTCTCTGCTGGGGGTGGGGCTGA  
ACTCCACGGTCCCCATGCCAATGGGAATGAAGACATCACACCTGATTTCTCTGACCGCTACACCCCTC  
CGAGACCCCTCAGTGTTTCCCTCCCTGCCCCCTCCAGAGGTCCAGTGTTTTGTGTTCAATGTTGAGTACATG  
AATTGCACCTTGAACAGCAGCTCTGAGCCCCGGCCCAACCTGACCCCTGCACTACTGGTATAGAAGT  
CCAATGATGATAAAGTCCAGGAGTGTGGCCACTACCTATTCTCTAGAGAGGTCAGTGTGGCTGTTGGTT  
GCAGAAGGAGGAGATCCATCTCTACGAAACATTTGTTGTCCAGCTCCGGGACCCACGGGAACCCAGGAGG  
CAGTCCACACAGAGCTAAACCTGCAAAATCTGGTGATCCCTGAGGAGCAATACCTCCAAGGAGAATCCTTTGTT  
ACCTGAGCGAATCCAGCTAGAACTGAGCTGGAGCAACAGACACTTGGACCACTGTTTGGAGCATGTTGT  
GCAGTACCGGAGTGACTGGGACCGCAGCTGGAGTGAACAGTCACTGGACCAACCGAAATAGCTTCTCTCTG  
CCTAGCGTGGATGGGACAGAAGTTCTACACGTTCCGTGTCCGAAGCCGCTATAACCCACTCTGTGGAAGCG  
CTCAGCGTTGGAGTGAAATGGAGCCACCTATCCACTGGGGAGCAATACCTCCAAGGAGAATCCTTTGTT  
TGCATCGGAAGCTGTGCTTATCCCCCTTGGCTCCATGGGATTGATTATTAGCCTTATCTGTGTGTACTAC  
TGGCTGGAACGGTGCATCCCCCGAATTCCTACCTCAAGAACCTGGAGGATCTGGTTACTGAATATCACG  
GGAATTTTTCGGCTGGAGTGGAGTGTCTAAGGAGTGGCGGAGAGTCTGCAGCCAGACTACAGTGAATG  
GCTCTGCCACGTCACTGAGATTCCCCCAAAGGAGGGGCTCCAGGGGAGGGTCTGGGGGCTCCCCCTGC  
AGCCAGCATAGCCCTACTGGGCTCCCCCATGTTATACCTGAAACCTGAAACTGGAGCCCTGATACCTT  
GACAGAACCTCAGAGTCTGTCTCTATATTGTACTAACTTCCCCTTATCTAACCAACCTGGGTCCAAT  
GCTCACCTCGCCCTC

>GBCA0316 |Acc|AF057365|Ver|AF057365.1 GI:3298604|Canis familiaris UDP N-  
acetylglucosamine transporter mRNA, complete cds.

GCGGCGGGAAGCCGGCGGCTCGGTGCGGCGCGGGGCGCGGGGACCCAGCGGGCTGGGCGGCCCCGGCGG  
CCGGGCGGAGCCACCCCGGGGTGCGGCGCGGGTGGAGCCGCGCGGAGGCAAATGAAGATAAAACA  
ATGCTACCAACCTAAAATACCTTTCTTGGGAATTTTGTAGTCTTTTACAGTACCACTGTTGGTTCTAACAA  
TGCGTTATTCTAGGACTTTAAAAGAGGAGGGACCTCGTTATCTATCTTCTACAGCAGTGTTTGTGCTGA  
ACTTTTGAATAATGGCCTGCATTTTATTAGTCTACAAAGACAGCAAATGTAGTCTAAGAGCACTGAAT  
CGAATCTACATGATGAATACTTAAATAAACCTATGGAACCGCTTAAACTTGCTATTCCATCAGGGATAT  
ATACTCTTCAGATAATTTACTCTATGTGGCACTGTCAAATCTGGATGCAGTACGTATCAGGTTACATA  
TCAATTGAAAATTTCTTACAACAGCATTATTTTCTGTGTCTATGCTTAGTAAAAAATTAGGTGTGTACCAG  
TGGCTCTCCCTGGTAATTTTGTATGACAGGAGTTGCTTTTGTACAGTGGCCCTCAGATTCTCAAGAGCTTG  
ATTCTAAGGAACTGTGAGCTGGCTCTCAGTTTGTAGGCCCTCATGGCAGTACTCACAGCATGTTTTTCAAG  
TGTTTGTGCTGGGGTTTACTTTTGAGAAAATCTTAAAGAAACCAACAATCAGTGTGGATAAGAAACATT  
CAACTTGGTTTCTTTGGGAGTATATTTGGATTAATGGGTGTGATACATTTATGATGGAGAATTGGTGTCCA  
AGAATGGATTTTTTCAGGGATATAACCGACTGACTTGGATAGTTGTTATTCTTCAGGCCTTGGAGGCCCT

TGTAAATAGCTGCTGTTATTAAATATGCAGACAATATTTTAAAAGGATTTGCAACCTCTTTATCCATAATA  
 TTATCAACACTGATATCCTATTTTTGGCTACAAGATTTTGTGCCAACCAGTGTCTTTTTCTTGGAGCCA  
 TCCTTGTAAATAACAGCTACTTTTCTATATGTTATGATCCCAAACCTACAGGCAATCCTACTAAAGCATA  
 GTCGTATACTATCTTTAACTGGTTTTTCACAATGGTGCCTAGGAATCTCAACATTAATCTTGCATAGAG  
 GACTTCTACAGATTCTAAGAAGATATCATCATGCTGAATCTCATCATATTGTTCAAATGGTTTTGAAAATA  
 TAAAAGTTTAAAGATAAAATATATGTATATGTTAACGAAATACCTATTACATCTAGATATCAAAGCTTGA  
 AAGTATTTCCAGGGATTAGAATAAATATTTGGAGAAAACCTTGAATCTGAGTTTAAAAAGATTTTACCTTT  
 TGATTGCTGCAGAAATGTTCTATGCACCTCTTGTCAAGAGCACACAACAAATATCAGATACCAATTTTTGC  
 AAGTTAGATCTATTTAACCTTATTAATTTTTTTTATCTTTTCTGTACAGAAATATCAAATTACATGGAA  
 TATTCAAAGTTTGAATTTATAATTGCCATTAAAGCTGTGAATAGAAGTATGATTTGAATAACATTTTCA  
 TGTATCTGAGATTTTATATTTATACAAAAGATTACTAAAGAAAGGATTGCTAAATGTTATTTGTTCAAC  
 TACATAAAATGATAAGGTTACGTTCTGGGTCTAATTTGTGAGAAAATAAATTCATATTTAAATTCATGT  
 AGGGAAATACATCTATTTCTCCATCTACATTTTAAAGATCTTTTAGTGCTTTGAAACTGCTGAAAGCAATC  
 CAGTTGCTCCTGTGCTAGATAGTAGCCAGATTTTGCCTAATGGAGTTTGTCTTTAATCTCTTAATTCG  
 ATTTCTTTTCTGTAATCAGATAAATCCTTAATATTTCTTTAAATTAAGCTTCTGTATGTGGTAATTTCC  
 >GBCA0317 |Acc|AF023617|Ver|AF023617.1 GI:3033500|Canis familiaris ZO-3 (zo-3) mRNA,  
 complete cds.  
 GAATTCGGCAGCAGCTGCCGGTGTCTGCTGGTGTCTGCTGCCGCTTGTGCACCCGTCTGCTGGT  
 TCCACCTGGCACAGGACAGAGCCGCTGCCTCACGGGGGAGGAAAAGTTTGGGAACCCAGTGCCGAGGAC  
 AGAGCTCAAACCTCAGGTCCCCACCCACCCCATGCCAGGCGGGCACCCAAGCCCTGGCTCCTGCCGCT  
 GCCCAGAGGCCACCCGCGCTCCTAGACAGGTGCTGGACATGGAGGAGCTGACCATTTGGGAACAGCACAC  
 GGCCACGCTCTGCAGGGACCCCGCGGAGGCTTTGGCATTGCGATCTCTGGTGGCCGGGACCGGGCCAGC  
 GGTTCGTGGTGTCTGCTGATGTGGTGGCGGGGACCCGCGGATGGCAGACTGCAGACAGGCGACACG  
 TCGTCTATGGTGAATGGGGTTTCCATGGAGAGTGTACCTCCACCTTCGCCATCCAGATACTCAAGACCTG  
 CACAAAGTTGGCCAACTTACGGTGAAGCGTCCCCGGAAAATCCAGCTGCCCTGCCACCAAGGCTGGCACC  
 TCCGGCCGGGGACGCCAGGGCTTGGAGGAGGAGGCCGACTGCCGCCAGGGCTATGACGGCGACACGTCCA  
 GTGGCTCTGGCCGCTCTTGGGACAAGCGCTCCCGCCGGGCGAGGACGGGCGCCGGAACCAAGGCTGGCAG  
 CCGTGGGCGCAGGAGCCCGGGCGGGAACTCGGAGGCCAACGGGCTGGCGCTGGTGTCCGGCTTCAAGCGG  
 CTGCCGCGCCAGGACGTGCACATGAGGCCCGTGAAGTCCGTGTTGGTGGCGAGGACGGAGAGCGAAGAGT  
 TCGGGGTACCCCTGGGCAGTCAGATCTTCAATCAAGCACATCACCGACTCGGGCCTGGCCGCCAGGAATCG  
 CGTTTTCAGGAAGGAGACCTCATCTACAGATCAATGGTGTGTCCAGCGAGAATCTGTCCCTGAGCGAC  
 ACCCGGCGCCTGATTGAGAAGTCCGAGGGGAAGCTGACGCTGCTGGTGTCTAGGGACCGAGGGCAGTTCC  
 TGGTGAACATCCCGCCGCGCTCAGTGACAGCGACAGCGACAGCTCCTTCTGGATGACATCTCGGCCCT  
 GGGCTCAGAGCTGTCTCAGGCGGTGCCGTCCCATGTCCCACCGCCACCCCGCATGCCAGCGGAGTCTG  
 GACTTTCAGAGCGGTGCTGCCAGGACAGTCCCCCCTTCGGCGGGAAAATCTCTGGATTGCAAGAA  
 CCATCTCGGAACCCGACGCCCCGAGGCACAGCAGCTATGACATCTACAGGGTGGCCAGCAGCCAGAGCGC  
 AGAGGACCGTGGGTACAGCCCCGACTCCAGGGTGGTCCGCTTCCACAAGGGCACGACCATCGGGCTGCGG  
 CTGGCCGGCGGCAACGAGCTGGGCATCTTCGTGTGGGGGTGCAGGAGGGCAGCCCGCCGACGGGCAGG  
 GCATCCAGGAGGGAGATCAGATTCTGCAGGTGAATGAGCTGCCCTTCAGGAACCTGACCCGGGAGGAGGC  
 TGTGCAGTTTCTGGTGGCGCTGCCGCCGGGCGAGGAAGTGGAGCTGGTGACGCAGCGGAACGAGGACATC  
 TTCCGGAATGGTGCAGTCCCGCGTGGGCGACTCCTTCTACATCCGCACACACTTCGAGCTGGAGGCCA  
 GCCCCCGCTCGGGCTTGGGCTTACCCGCGGGGACGTCTTCCATGTGCTGGACACGCTGTGCCCCGGCCC  
 CGGGCCGAGCGCGGGCCGCGGACCCACTGGCTGGCCGCTGCGCATGGGCGCGACCTCCGGGAGCAGGAG  
 CGCGGCATCATCCCCAACAGAGCAGGGCCGAGCAGCTGGCCAGTCTGGAGTCCGCCAGCGCGCGCTGG  
 GGGCCGGCCAGGTGCTCCGTGGGCTCCAGCGCGAGGGCCGAGTTCTGGCGGCTGCGGGGCTGCGGCG  
 TGGAGCCAAGAAGTCCACCCAGCGGAGCCGCGAGGACCTATCGGCTCTGACCAGGCAGGGCCACTACCCA  
 CCGTATGAAGCGCTGGTGTCTGCGAGAAGCCAGCTTCAAGCGCCCGGTGGTGTATCTGGGGCCCTGCGCG  
 ATATCGCTATGCAGAAGCTGACTGCCGAGATGCCCTGACCAGTTCCGGAATCGCAGACAGCGTGTGAGGAC  
 CGACAGCCCTCCAAGATCATCAAGCTGGACACCGTGCCTGATCGCGGAGAAGAACAAGCACGCGCTC  
 TTGGACGTGACGCGCTCGGCGGTTCGAGCGCTCAACTACGTGCACTACTACCCATCGTGGTCTTCTGCG  
 CCCCGGAGCGCGGGCCCTCAAGGCCGTGCGCCAGTGGCTGGCGCCCGCTCCCGCGCGAGCGCGG  
 CCGCTCTACGCGCAAGCCGAGAAGCTTCGGAAGCACAGCGAACACCTGTTACGGCCACCATCCCCCTG  
 CGCGGCAGGAGCGACACCTGGTACCAGGAGCTCAAGGCCGTGGTCCGCGAGCAGCAGACCCGGCCCATCT  
 GGACGGCGGAGGACGCTGGACAACCTCGTCCGAGGACAACCTGGAGCTCCCTCACCGCGGCTTGGCCGA  
 CAGTTCCGCGGATCTGAGCTGCGACAGCGGGTCAACAGCGACTACGAGACGGACGGCGAGGGCTACACG  
 GACGGCGAGGGCTACACGGACGTGGACGAGGGGCCCGCGCGCCGCTCTGGCCGGTCTCGGAGCCCG  
 TGCTGGAGGAGGAGCCCGGAGCCCGCGGGATCACGGGAGAGCCTCGGTGCCCGAGGAGCCAGGTGGA

CAGGCACCCCTACCACAGCCAGGGGGCGACAGGACAGCATGCGGACGTATGGGCAGGAAGCCCTGAAGAAG  
AAGTTTACCGAGCTCGAGATGTGGAGTCTCCGATGAGGACGGCTATGACTGGGGCCCGGCCACCGACC  
TGTGACCCCTCCAGGTTCCCTGGGGCTGGACCTGGTTTCCCACTCAGAACCAGAACCCCGCGTCTTTC  
TGCCAGTCATTAATAAATAAGAGTATTTTACCACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0318 |Acc|U60590|Ver|U60590.1 GI:2760340|Canis familiaris TTX-resistant sodium  
channel mRNA, complete cds.  
CACCTTCACTGAAGTCACAAACAAGTATAAGTCTTTGCAGAGCTAAGGGGTCTCCGACTCACTTCCCCTA  
CCAGAACTGCTCACTAGCCTCTCTGGGAGAACAGGCGTCAGCCGGAGTTTCTTCTTACTCTGCCTGAGTG  
TTAGGCTGAACGTGTATTCTAGGAGCTCATGGATTCAGTGGAGGCGAGCTGGGATAGAAGAGAGGATCT  
CTTACCTAGAAGACAAGCAAGATTGAGCCAGCAAGAAGATGAGAAGATGGAATTTCCCTTTGGGTCCC  
TGGAAACTACCAACTTTTCGTCGATTCACTCCAGAGTCCCTGGTGGAGATTGAAAAGAGAATTGCTGCCAA  
GCAGGCAGCAAGAAAGCAAAAGGTAAGCACAGGGAGCAGAAGGACCAAGAAGAGAAGCCTCGGCCTCAG  
CTAGACTTGAAGGCTTGCAACCAGCCGCCCAAGTCTACGGTGAGCTCCAGCAGAGCTGGTGGAGAGC  
CCCTGGAGGATTTGGACCCCTTCTACAGCACACACCGGACATTTATGGTGTCTGGACAAAGGAGGACCAT  
TTCCCGGTTTAGTGCTACTCGGGCCCTGTGGTTATTCAGTCCCTTTCAACCTGATCAGAAGAAGACGCCATC  
AAAGTGTCTGTCCACTCGTGGTTCAGTTTATTTATTCAGTCACTATTTTGGTCAATTGTGTGGGCATGA  
CCCAACCGAGCTTCCAGACAGAATCGAGTATGTCTTCACTGTCAATTACACCTTTGAAGCCTTGATAAA  
GATACTGGCAAGAGGATTTTGTCTAAATGAGTTTGCTTACCTGCGAGATCCTTGGGACTGGCTGGATTTT  
AGTGTCAATTACCTGGCATACTGGTGAAGCAACAGCTCTCCGAGGGATCTCAGGCTTGCAGGACATTCA  
GAGTTCTTAGAGCTTTAAAAACAGTTTCTGTGATCCCAGGGCTGAAGGTCAATTGTGGGAGCTCTGATCCA  
CTCAGTGAGGAACTGGCAGATGTGACCATCCTCACTGTCTTCTGCTTGAAGTGTCTTGTCTGTGGGCT  
CTACAGCTCTTCAAGGGCAACCTCAAGAACAATGTGTCAAGAATTGTGAGCTCTCAATGAAACGGGCA  
ATTACTCCTCTTATGGAAAACAAGAGTGGAATTTCTGCCATAGGGACGAAAGATTTCTACTATAACAAGCC  
TGGCACTTCAGATCCCTTACTGTGTGGCAATGGATCTGATGCAGGCCACTGCCCTAAAGGTTATCTCTGT  
CTTAAACATCTGACAACCCAGATTTTAACTACACAGCTTTGATTCTTTGCTTGGGCTTTCTCTGTAC  
TGTTCCGCTCATGACACAGGATTCCTGGGAACGCTCTACCAGCAGACCCTGAGGGCATCTGGGAAAAT  
GTATATGGTCTTTTCTGTGCTTGTCTTCTTGGGATCCTTCTACCTGGTCAATTTGATCTTGGCTGTG  
GTCACCATGGCATATGAGGAGCAGAACCAGGCAACCATTTGATGAAATTGAAGCCAAGGAGAAGACATTTT  
AAGAGACCTTGGAGATGCCCCGGAAGGAGCAAGAGGTGCTGGCAGCACTGGGGATTGACACAGCCTCTCT  
CCATTCCTGCAATGGCTCACCTTTACCTCCAAAAATGCCAGTGAGAGAATGCGCAGAATGAAACCAAGG  
GTGTCAGAGGGCTCCACAGATGACAACAATCAACCTCAATCTGATCCTTACAACCAACGCAGAATGCTT  
TCCTAGGCCCTCACTTCTGGAAGACGACGGGCTAGTCAATGGCAGTGTGTTCCATTTCCGTACCCCTTGCC  
GGATACCTCATTCCCTGACGGGCTCACAGATGATGAGTCTTTCCTGGAGACCGTGAGAGCCATCGGGGCT  
TCCCTGTGCTGGGTGGAGGTACCAGCCAGCAAGGCCCCCTCCTAAGGAGTCCACTGCCTCAACCCCTA  
ACCCCTGGCTCAGGAGTGGAGAGACGACACTCCACATTTGCCACTGGTGAGCTTGGCCCTGGAGCAT  
CGAAGTCTCGGCATTTGATGCAGGACAGAAGAAGACTTTCTTATCAGCAGAATACTTGAATGAACCTTTC  
CGGGCCCAAGGGCAATGAGTGTGTCAGCATCATGACCTCTGTCTTGAAGAACTCGAGGAGTCTGAAC  
GGAGATGCCACCCCTGCTTGACCAGCTTCGCTCAGAAGTATCTGATCTGGGAGTGTGCTGCCCCACATGGGT  
GAAGCTCAAGACGCTTCTCTTTGGCATTTGTGACGGACCCCTTTGCGGAGTCACTACCACCTTGTGCATT  
GTGGTAAACACAGTCTTCAATGGCCATGGAGCACCACGGCATGAGCTCTGCCTTTGAAGCCATGCTCCAGA  
TAGGCAACATTTGTCTTTACTGTGTTTTTACTGCTGAAATGGTCTTCAAATCATTGCCTTCGACCCCTA  
CTATTACTTCCAGAAGAGATGGAACATCTTTGACTGCATCATTGTCTACTGTGAGCCTGATAGAGCTGGGT  
GCGGCCAGGAAGGGGAGCCTGTCTGCTGCTGCGGACCTTCCGCTTGTGCGGGTCTTTAAGCTGGCCAAGT  
CCTGGCCAACCTTAAACACACTCATCAAGATCATCGGGAACCTAGTGGGGGCACTAGGAAACCTCACCAT  
CATCCTGGCCATCATTGTCTTTGTCTTCTGCTCTGGTTGGCAACAGCTACTTGGGGAACCTACCGTGAC  
AACCGGCGCAATATCTCTGCGCCCAATGAAGAATGGCCACGCTGGCACATGCATGACTTCTTCCACTCCT  
TCCTCATCTCTTCCGATCCTGTGTGGAGAGTGGATTGAGAACATGTGGGCTGCTGGAAGTTGGCCA  
GAAATCCATATGCCTCATCTTTTCTTGACAGTGTGGTGTGGGGAACCTGGTAGTCTCAACTTGTTC  
ACCGCCCTGCTGCTGAACCTCCTTCACTGCCGACAACCTTGAACCTCAGATGAAGATGGGGAGGTGAACA  
ACCTGCAGGTGGCCCTGGCAGGATCCAGGCATTGGCCATCGTACCAAGAAGGCCATTTGCAACTTCTT  
CACTAGGCCCTGCTGCTGCTGCCCTGCCCCAAGGACGCCCCAGCTGGTGGTGAACTCCCACTCTCCAGC  
TCCAAAGCTGAGAACCACATTGCTGCTAATGCAGCTGTGGGGAGCCCTGGAGGGCTCTCAGTGTCCAGAG  
GCCTCAGGGACGACCACAGTGACTTCATCACCATCCTAACATATGGGTCTCTGTGCCCATTCAGAGGG  
TGAATCTGACCTCGATGACCTGGAGGAAGATGGTGGAGGAGTCTCAGAGTTCACAGCAGGAAGTGATC  
CTCCAAGGGCAGGAGCAGTGAAGTCGAGACGTGTGAGGGCCACACGGCGCCAGGAGCCAGGCTCTG  
GAATGTCTCTGAGGACCTGGCTTCTTACGTGGATGAGAAGTGGAAGACGAGGCTGTTGCCAGGGCGCC  
TGCAGAGGGAGGGGACGACAGCAGCTCCTCAGGGGGCAGCACGGTGGACTGCCTGGATCCCGAGGAGATC



CTGAGGAAGATCCCTGAGCTGGCAGATGACCTTGAAGAGCCAGATGACTGCTTACGGAAGGCTGTCTTC  
GCCGCTGTCCCTGCTGTAAAGTGGACATCAGCAAGTTTCCATGGACTGTGGGATGGCAGGTGCGCAAGAC  
CTGCTACCGCATCGTGGAGCACAGCTGGTTTGAGAGTTTTCATCATCTTTCATGATCCTGCTCAGCAGTGGG  
TCTCTGGCCTTTGAAGACTATCACCTTGACCAGAAGCCACAGTGAAGGCCCTTGCTGGAATATACTGACA  
GGATGTTTACTTTTATCTTCGTGCTGGAGATGTTGCTCAAGTGGGTGGCTACGGCTTTAAGAAGTACTT  
CACCAATGCCTGGTGGCTGGACTTTCTCATCGTGAACATCTCCCTGATAAGCCTTATAGCGAAGATC  
CTGCAATATTCTGATGTGGCATCCATCAAAGCCCTTCGGACCCTCCGTGCCCTGAGGCCCCCTGCGGGCTC  
TGTCTCGATTGCAAGGCATGAGGGTGGTTGTAGATGCCCTGGTGGGTGCCATCCCATCCATCATGAATGT  
CCTCCTCGTCTGCCTCATCTTCTGGCTCATCTTCAGCACCATGGGTGTGAACCTTCTTTGCGGGGAAGTTT  
GGGCGATGCATCAACAAAACCAATGAATACTTTTCTCTGTGCCTTTGTCTATTGTGAATAACATATCTG  
ACTGTAAATATCAGAACCACACTGGCAGCTTCTTCTGGGTCAATGTGAAGGTCAACTTTGATAATGTTGC  
AATGGGTTACCTAGCACTTCTGCAGGTGGCAACCTTTAAAGGCTGGATGGACATAATGTATGCAGCTGTT  
GATGCCCCGAGATGTGAACCTTGCAGCCCAAGTGGGAGGACAACGTGTACATGTACTTGTACTTTGTCACT  
TCATCATTTTGGTGGCTTCTTCACTCAATCTTCTGTTGGGTCTAATTTGACAACCTTCAATCAACA  
GAAAAAAGTTAGGGGGCCAGGACATCTTCATGACAGAGGAGCAAAAGAAGTACTATAATGCCATGAAG  
AAGCTAGGCTCTAAGAAGCCCCAGAGCCCATCCACGGCCCTGAACAAGTACCAGGGCTTTGTCTTTG  
ACATTGTGACCAAAACAAGCTTTTGACATTGTATCATGGTCTCATCTGCCCTCAACATGATCACCATGAT  
GGTGAGACTGAGCAGAGTGCAGAAAAGACAAAAATTTCTTAACAAAATCAACCAGTTCTTTGTGGCT  
GTCTTTACGGGCGAGTGTGTATGAAGATGTTTGCCTTGGGCGATTACTTCAACCAATGGTTGGAATG  
TGTTTGACTTCATTGTTGTGGTCTCTCCATTGGAAGCCTGGTGTCTTCTGTAATACTTACGTCACTTGA  
AAATTACTTCTCTCAACGCTCTTCCGAGTCATCCGCTGGCCCGAATTGGCCGCATCCTCAGGCTTATA  
CGAGCAGCAAGGGAATCCGCACACTACTCTTTGCCCTTATGATGCTCTGGCTGCCCTCTTCAACATAG  
GGCTTCTGCTCTTCTTGTCTATGTTTCACTACTCCATCTTCGGCATGGCTAGCTTCCCCCATGTAAGTTG  
GGAAGCTGGCATCGATGACATGTTCAACTTTCAGACCTTCGCCAACAGCATGCTGTGCCTCTTCCAGATC  
ACCACGTCGGCTGGCTGGGATGGCTCTCTCAGCCCCATCCTCAACACGGGGCCCTCCTTACTGTGACCCCA  
ATCTCGAATCCCAAAACCAATCAGAATATATTAATCCAGATGGACCTGCCCTTGGTCCCTTCTTCAACATAG  
ATACATCATCATCTCCTTCTCTCATCGTGGTCAACATGTACATTGCAGTGATTCTGGAGAATTTCAATGTG  
GCCACACAGGAGAGCAGTGAACCTCTGAGTGAGGATGACTTCGATATGTTCTATGAGACCTGGGAGAAGT  
TTGACCCAGAGGCCACTCAGTTTATTACCTTTTCTGCCCTCTCAGACTTTGCAGACACCCCTTTCTGGCCC  
CCTGCGAATCCCAAAACCAATCAGAATATATTAATCCAGATGGACCTGCCCTTGGTCCCTTCTTCAACATAG  
ATTCACTGTTTGGACATTCTTTTTGCCCTTCACTAAGAATGTTCTGGGAGAATCCGGAGAGTTGGATTCTC  
TGAAGGCGAATATTGAAGAGAAGTTTATGGCAACTAATGTTCTCAAAAGCATCCTATGAACCAATAGCAAC  
CACCCCTCCGGTGGAGAGCAGGAAGACATTTCACTACTGTCAATCAAAAGGCCATTCGGAGCTATGTGCTA  
CACCGCTCCATGACAATTTCCAACCCCCAGCTGTGCCAGGGCAGAGGAGGCTGTGCCACCCCGAGATG  
AAGCTTTTGTGTAATTCATGGTAAATGAAAATTTGTGCACCTCCAGACAAATCTGAAACTGCATCTGCCGC  
ATCTTTCCACCATCCTATGACAGTGTCACTAGAGGCCCTTAGTGATCAAATCAACATGAGCACATCTAGC  
TCAATGCAGAAATGAAGATGAAGGCACCAAGTAAGAAAGTGAATGCTCTGGGCCCCTAGTGAGGACACTCTA  
GTATGGACCTAATCAGTTCTGATGTGAACCTCTGCTCTGTGATAACTTTTCCCACTATAGGTGGCAACC  
AGCTACCACCTCACCATGCATGCCACCAAGTTACAGTATCAGAACTGGGCAAGAATGAAATTTGGTGCC  
CACCTTTGGAGAAGCCCTCAAAACCAATAGGAGCCAGAAGCAAGAGCATCTCCACTGTGACTACCCCTT  
TGAATTTCACTATCAGATAATGTATCTCTTACTTTCCAGAAAATGTCCCCTGGTCCCTTTCATTTTAATTG  
TGACCAGAACTTATATTTACGGTGACAACTTCTCAGGACCAGAATTTCCAAAGATATATGGTAAGGATG  
TTGCTGAAGGTCCAAGGTACTCTTGTGAATCCCAACAGAACTGACAATGTTATTTAGGATTTTGCA  
TGACTGCATGTTGAGAGCTGCCAGACAATGCTCCTGCCCAAGGTAACACCTGTGGTCTATGTATGAAA  
GAACCTTTGAGATATCCATTAAATTAATATTTTATAGAGGTATATCCCGAAAAA

>GBCA0319 |Acc|L27152|Ver|L27152.1 GI:1536969|Canis familiaris tight junction protein  
(ZO-2) mRNA, complete cds.

CACCACCCTCACCCACACTGTAGGGGTACACAGTGAGGGGTACACGGAACATCTAAAAGCACAGGGGGCT  
TTGGGTAGCGCAAAGATTACTTCGATTGCTTCAGCTGATCAGTGCCCAAAATGTACATGACCTTTTACTG  
AGAGAGACAAAGATGAGTACCAAGAGTACATGGCCATCCTGGAAGCCGAGTGGGTATCACCCCACTTAA  
CAAAAGAGAGCTTCTTCTGAGAGCAGAAGACATGTGAATCTCTGGCAGCACCCCGGGGTGCGGAGTACC  
ACGTTATTATCGTCTCCCTGCGAGTGGGATTTGGCCCTTCGGCTGTACCTCCTGGCAGGACATTCACAG  
AGCACAGAGTGGCTGGCAGGAGCCTGCTTTTTCAGGCCCCAGGCATGGAAGAATGATATGGGAGCA  
GTACACTGTGCCCTTACAAAAGGATTTCCAAAAGAGGATTTGGAATGTCGGGAGGCAGAGACAAC  
CCCCACTTTGAAAATGGAGAAACGTCAATCGTCATTTCTGACGTGCTACCGGGTGGGCTGCTGATGGGC  
TGCTTCAAGAAAATGACAGGGTGGTCATGGTTAACGGCACCCCATGGAGGATGTGCTCCATTCAATTTGC



TGTCCAGCAGCTGAGAAAAAGTGGGAAGATCGCTGCCATTGTGGTCAAGAGGCCCGGAAGGTCCAGCTG  
 GCCCCGCCCCAGGGCAGCCTACCCGTCGATGAGGATGACCGTGCTTTTGAGGTGATGGATGAGTTCGATG  
 GCAGAAGTGCCCGCAGCGGGTACAGCGAGAGGAGCCGGCGCAGCAGCCACGGTGGGCGCAGCCGAGCTG  
 GGAGGACAGCCCGGAGAGGGGGCGTCCCCATGAGCGGGCGTGGAGCCAGGAGCGCGAGCGCAGCCGTGGC  
 CGGAGCCTGGAGCGGGGGCTGGACCATGACGATGACTACCGGCGGGCCTCGAGAGCGCAGCCGGGGCCGGA  
 GCCTGGAGCGGGGGCTGGACCATGACGATGACTACGGGCGGGCCGGAGAGCGCAGCCACGGCATGAGCAC  
 TGACAGGGGCTACGACCGTGGCTACGACCGTGGCTACGACCGTGGCTACGACCGCACCTATAGCCAGAG  
 GCCGAGTATGGCCGAGGACCCAGCCTGATGCCCGGCACGCAGGGTCCCGGAGCCGAGCCGCGAGCACT  
 TGGCTCCCCGAGCCCCAGCCCTGAGCTGAGGGGGCGGGCCGGACCATGCAGGCCAGCCTGACTCGGACAG  
 GCCCATCGGGTCTTCTGATGAAAAGCAAAGCAAATGAAGAGTACGGTCTCCGGCTTGGGAGTCAGATC  
 TTCATAAAGCAAATGACAGAACCGCTCTGGCAACTAAAGATGGCAACCTGCACGAAGGAGACATAATTCT  
 TCAAGATAAATGGAAGTGTAACTGAGAACATGTCTTTAACTGATGCCCGAAAAGTATAGAAAAGTCAAG  
 AGGAAAAGTCCAACTAGTGGTGTGAGAGACAGCAAGCAAACGCTCATCAACATCCATCATTAATGAC  
 AGCGACTCTGAAATAGAAGATATCTCAGAAATAGAGTCAAACCGATCATTCTCCAGAGGAGAGACGGC  
 AGCAGTATTCGACTATGATTATCATTCCTCAAATGAAAAGTGAAGGAAAGGCCAAATTCAGAGAGGGA  
 CATGCAGAACAGATGGTCCAGGATGGGCGCCACACCCACTCCCTTTAAGTCCATGGGGGATATTGCATCT  
 GTGGTTGGCAGAGAGAACAGCAAGGAACCCAGATACCAAGAGGAACACCAGCTCCTCAACCTAAAGCAG  
 CCCCAGAACTTTTCTTCGCCGAGTCTGAAGATGAAGCAATATATGGTCCCAATACCAAAATGGTGAG  
 GTTTAAGAGGGGAGACGCGTGGGACTCCGATTGGCTGGTGGCAATGACGTTGGGATATTTGTGGCTGGT  
 ATTCAGAGGGTACCTCGGCAGAACAGAAGGCCCTTCAAGAGGGGGACCAGATTCTGAAGGTGAACACAC  
 AGGATTTTCAGAGGGCTAGTTCGGGAAGATGCCGTTCTCTACCTGCTAGAAATCCCTAAAGGTGAATGGT  
 GACCATTTAGCTCAGAGCCGAGCTGATGTGTATAGAGACATCCTGGCTTGTGGCAGAGGGGACTCATT  
 TTTATAAGAGCCACTTTTGAATGTGAGAAGGAACTCCACAGAGCCTGGCCTTCAGCAGGGGGAGGCTCT  
 TCCGAGTTGTAGATACACTGTATGATGGCAAGCTGGGCCACTGGCTGGCTGTGAGGATTGGAAACGAATT  
 GGAGAAGGGCTTAATCCCCAACAAAGCAGAGCTGAACAAATGGCCAGTGTTCAGAATGCCAGAGAGAC  
 AATGCTGGGGACAGAGCAGATTCTGGAGAATGCGTGGCCAGAGATCTGGCATGAAGAAGAACTTAAGGA  
 AAAGTCGGGAGAGATAGTCCACCCCGCATTCAGTTAGCTAGTGGTCCCAAGTTCAGCTTACGAAAGGGTTT  
 GCGAGAAGCTGGTTTCAAGAGACCTGTGGTCTTATTTGGCCCTATAGCAGATATAGCCTTGGAAAAGTTG  
 GCAAATGAGTTACCGGACCTGTTCCAAAGCTGCTAAAACGGAAACCAAAAGATGCAGGATCCGAGAAATCTA  
 GTGGGTGGTCCGGTTAAATACTGTGAGGCAAAATTATTGAACAGGATAAGCATGCACTATTGGATGTGAC  
 TCCTAAGCTGTGGGACTGTGAATTATATACACTAGTGGTTCCCGATTGTGATTTTTCACCCAGACTCT  
 AGACAAGGTGTCAAACCATGAGACAGAGGTTGAATCCAACATCCAACAAAAGTTCTCGGAAGTTGTATG  
 ATCAAGCCAAACAGCTTAAGAAAACGTGTGCACATCTTTTACAGCTACTATCAACCTAAATTACGCCAA  
 TGATAGCTGGTTTGGCAGCTTGAAGGACACAATTAGCATCAGCAAGGAGAAGCAGTTTGGGTCTCTGAA  
 GGAAAGATGGAAGGGATGGATGATGACCCCTGAAGACCGCATGCTACTTAAGTCCATGGGCGCAGCT  
 ATCTGAGTTGCGACAGCCGCTCATCAGTGACTTTGAAGACACCGACGGTGAAGGAGGTGCCTACACTGA  
 CAATGAGCTGGATGAGCCAGCTGAGGAGCCACTGGTGTCTCCATCACCCGCTCCTCGGAGCCGGTGCAG  
 CATGAGGAGAGCATAAGGAAGCCAGCCAGAGCCACGAGCTCAGATGAGGAGGGCTGCTAGCAGAGATC  
 AACTTAGGGACAGTAGTCCACCCCGCATTCAGCCAGAGCCGCCAAGGCCAAAAGTCAAGACAGAGA  
 AGAATCCTTTGACATCTCCAGATCCCATGACTATAAGTCAAACCCCTCAGCCGTTGCTGGTAATGAAGTT  
 TCTGGGGCATCTACCAGAAGCTGTCTCTCTATTGACGACAAAACCTTCTTTGGAAGGTCTATACCTGA  
 AGCCCTCCACTCCTGTCCCTTCCCCAGAGAGTGAGGAGGTGGGAGAGGGCAGTGAAGAGCAAGAAGGCGC  
 TCCCAAGTCTGTCTGGGCAAGTTAAAATATTTGAGAAGATGGATCACAAGGCAAGATTACAGAGAATG  
 CAGGAGCTTCAAGAAGCACAGAATGCAAGGATTGAAATTGCTCAGAAGCATCCTGACATCTATGCAGTTT  
 CAATCAAAACACACAAGCCAGACCCTGGCCTGTCCAGCACACAAGTTCAGGCCACCCGAGCCCCAGAA  
 AGGCCCTTCCAGGCTCTACAGGATCCAGAGGAAGTTATGGCAGTGATGCTGAAGAGGAAGAATACCCG  
 CAGCAGCTGTCGGAACACTCGAAGCGTGGCTATTACAGCCAGCCCTTCCCGGTACCGGGACACGGAATT  
 AGATGCCTGATAGTCGGCGTGTCCGTCTCCCCACTGCCACCACCTCGGAGCAGCGCTCCCACTGAGCATG  
 CGACGGTTCTTTCTAGGGAAAGTGCACTGCGGAGATTTGGGACCTGAACCTCCATTTCTCAAGGGGAG  
 CCCCAGGGGCGAGCCAATGCAATAAAAACTGAGGGCTCTGTTTGTGGAAGTGGGTCTTGAGAGTTGATGG  
 CTTTTTGTGAGAAATCAAGAGAACTACAGTCTGATGATGTTTACCTGCTTCAAGTGGACCAAAATTTGT  
 ATTAATCTGTTTGGCTATTTTAAACATGTATATTAAGAAGTGATAACTATTTTCCCTCATTAATATCTG  
 CCTTTGAGGACTGTTTCAATGAGAGATGGAATGTGAAAAGGAATTAATGCTGTTGGACTCCCAACTA  
 AATTCAAAGAAATATTTTATTAACACTTAAGTGCCTTTGATGAGAAGTGTCTTAAATATTTCTCTTTG  
 AAGCTTTATGCAAGCCATAATGAGCTAAGACTATTTTACTAAAGTTTATACCAGCTTAATAACTATG  
 GTTTTCTCTGCACTGTGTCTCTTTTCAAGGCATTTGTCTTTGTAATATTTTCCATAAACTCTGTATATA  
 TAGTAGCTACATGTGGTAGTTTACGCTACCAAGTGTAAATAGCTTGACGACCAAGAAATGGTATAGAAAT

TTTTGTTTAAACCATGTGCTCCAGAAAAGCAGATACTTGGAAAACTGTATTTCCAAAAGTGTGTGTATT  
GACAACAGTTTTATAATTTAATAAAAAGGAGATTGAAATC  
>GBCA0320 |Acc|L48515|Ver|L48515.1 GI:1333621|Canis familiaris paraoxonase 2 (PON2) mRNA,  
complete cds.  
GGCCCTCGTCTCCATGGGGCGGCTGCTGGGCGTGGGCTTGTGGGGGATAGGTGGCGCTCCTGGGGCGAG  
AGGCTCCTGGCGCTCAGGAATCGACTTAAAGCCTCCAGAGAAGTAGAATCTGTAGACCTTCCAACTGCC  
ACCTCATTAAAGGAATCGAAGCCGGTGGCGATGATATTGATATACTTCCCAATGGCCTGGCTTTCTTTAG  
TGTGGGTTTAAATGTCCAGGACTCCACAGCTTTTCCCCAGATAAGCCTGGAGGGATATTAATGATGGAT  
CTAAAAAAGGAAAACCCGAGGGCACTGGAATTAAGAATCAGCCGTGGGTTCAATTGGCTTCGTTCAATC  
CACATGGTATCAGCACCTTCATAGACAGCGACGACACAGTTTATCTCTTTGTTGTAAACCATCCAGAATT  
CAAGAATACAGTGGAAATTTTAAATTTGAAGAAGAAGAAAATTCTCTTCTGCATCTAAAAACAATCAAA  
CATGAACCTTCTCCAAAGTGTGAATGATATCATAGCTGTTGGACCAGCACATTTCTATGCCACCAATGACC  
ACTATTTCTCTGATCCTTTCTTAAAGTATTTGGAAACATACTTGAACCTTACACTGGGCAAAATGTTGTTTA  
CTACAGTCCAGATGAAGTTAAAGTGGTAGCAGAAGGGTTTGTATGCAGCAAATGGGATCAATATTTACCT  
GATAAAAAGTACATCTACGTTGCTGATATACTGGCTCATGAAATCCACGTTTTGGAAAAACACCTAATA  
TGAATTTAACGCAATTGAAGGTACTTAAGTTGGATACACTGGTGGATAATTTATCTATTTGATCCTTCCCTC  
GGGGGACATCTTGGTAGGCTGTCTATCCTAATGGCCAGAAGCTTTCATTTATGACCCGAACAATCCTCCG  
TCATCCGAGGTTCTCCGCATCCAGAATATCTATGTGAGAAGCCTACCGTGACTACAGTTTATGCCAACA  
ACGGATCTGTTCTCCAGGGAAGTTCTGTAGCCTCAGTATATGATAGGAAGCTGCTCATAGGCACCTTTATA  
TCACAGAGCCCTGTATTGTGAACCTTTGAATTGTACTTTTGGCATGCAAGCGTGCTAACTTCTTTAACT  
TAATTTTCTATGAATTACTAATTTTGTGGGAATTTAACACGAAATGGGCCAGAAATGTCTGCATGTAT  
AGTTAGCT  
>GBCA0321 |Acc|AF003597|Ver|AF003597.1 GI:2196779|Canis familiaris p38 mitogen activated  
protein kinase mRNA, complete cds.  
ATGTCTCAGGAAAGGCCACGTTCTACCGGCAGGAGCTGAATAAGACAATCTGGGAGGTGCCCGAGCGTT  
ACCAGAACCTGTCCCGGTGGGCTCCGGCGCTACGGCTCCGTGTGTGCTGCTTTTGACACAAAACCTGG  
GTTACGTGTGGCAGTCAAGAAGCTCTCCAGACCAATTCAGTCCATCATTCATGCCAAAAGGACCTACAGA  
GAACTGCGGTTTACTGAAACATATGAACATGAATGATTGGTCTCTTGGATGTTTTTACACCTGCAA  
GGTCTCTGGAGGAATTCAATGATGTGTATCTGGTGACCCATCTTATGGGAGCAGATCTGAACAACATTGT  
GAAATGTGAGAAGCTTACCGATGACCATGTTTCACTTCTTATCTACCAAATCTCCGAGGTCTCAAGTAT  
ATACATTCAGCTGACATAATTCACAGGGACCTAAAACCTAGCAATCTAGCTGTGAATGAAGACTGTGAGC  
TGAAGATCCTGGACTTTTGGACTGGCCGACATACAGATGATGAATGACAGGCTATGTGGCTACCAGGTG  
GTACAGGGCTCCTGAGATAATGCTGAAGTGGATGCATTACAACAGACAGTTGATATTTGGTCACTGGGA  
TGCAATATGGCCGAACCTGTGACTGGAAGAAGCTTGTCTTCTGGTACAGACCATATTGATCAGTTGAAGC  
TCATTTTAAGACTCGTTGGAACCCAGGGCTGACTTTTGAAGAAAATCTCCTCAGAGTCTGCAAGAAA  
CTACATTCAGTCTTTTGACCCAGATGCCGAAGATGAACCTTTGCAATGTATTTATTGGTGCCAAATCCCTTG  
GCTGTGCACTTGTGAGAGAAGATGCTTGTATTGGACTCAGACAAGAGAATTACAGCAGCCCAAGCCCTCG  
CACATGCCTACTTTGCTCAGTACCATGATCCAGATGATGAACAGTGGCTGATCCTTACGATCAGTCCTT  
TGAAAGCAGGGACCTCCTTATAGATGAATGGAAAAGCCTGACCTACGATGAAGTCGTGAGCTTTGTGCCG  
CCACCCCTTGACCAAGAAGAGATGGAGTCTCTGA  
>GBCA0322 |Acc|M88649|Ver|M88649.1 GI:3451027|Canis familiaris adenylyl cyclase type V  
mRNA, partial cds.  
GTGCCCTGCTCGGCCGCGCGCTCCCCGGGAGACCCCCGGCGCGGCCCGCGGGGGCGGAGGAAGACG  
ACGACGACCAGGTGCGGGGGGGCATGTCCGGGGCCCCGAGCGCGAGCCCCCGGGCTGCGCGGCGACCCG  
GGGGGGCCCCGAGCACCGCGCGCGCTGGGGGGAGGCGGAGGCCCGCGCCAACGGCCACCCGACGCCGCC  
GGGGGGCGCGACCCGCGGCTGCAGCAAGAAGCCCGGGGGGGCGGTGACCCGCGAGCTGCAGCAGCAGCAGC  
AGC  
GCGCTGGCCAAAGCGCTGGCGCGCGGACGACGACCCCGCTGGGCGGCGACGACCCCTGGCCGGGGGGC  
TTCGGCTTCAGCTTCCGCTCCAGTCTGGCTGGCAGGAGCGCGGCGGCGACGACTGCGGGCGCGGCGAGCC  
GGCGGCGCGCGCGGGGGCGCGGCGGGGGCGAGTCCCGGGCGCCCCCTGCGGGCGGGCGGGCGGGCGCC  
GGCGGCGCGCGGGGGCGGGGGCGAGGTGCGCCCCCGCTCGGTGGAGCTGGGCTGGACGAGCGGGCGGGCGG  
GGCGGCGCGGAGCCCGAGCGCGGAGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG  
ACGGCCCCGCGAGGGCGGGGGCGCTGCTGCCGCGCGTGTGATGATCTTCCGCTCAAGAAGTTCCCGTC  
GGACAAGCTGGAGCGGCTGTACCAGCGCTACTTCTTCCGCTGAACAGAGCAGCCTCACCATGCTCATG  
GCCGTGCTGGTGTGCTGTGCTGCTGATGCTGGCTTCCACGCGCGCGGGCCCCGCTGCGGCTGCCCG  
ACCTGGCGGTGCTGGCGGCGCGGTGCGGGTCTACCTGGTCTATGGCGGTGCTCTGCAACCGCGCGCGCTT  
CCACCAGGACCACATGGGCTGGCTGCTACGCGCTCATCGCGGTGGTGTGCGGCTGCAGGTGGTGGG

CTGCTGCTGCCCCAGCCGCGCAGCGCCTCCGAGGGCATCTGGTGGACCGTGTCTTCTATCTACACCATCT  
ACACGCTGCTGCCCGTGCATGCGGCGCGCCGCTCCTCAGCGGAGTGCTCCTGTCGGCCCTGCACCTGGC  
CATCGCCCTGCGCGCCAACGCCAGGACCGGTTCTGCTCAAGCAGCTCGTCTCCAATGTCCTCATTTTC  
TCCTGCACCAACATCGTGGGTGTCTGTACCCACTACCCGGCTGAGGTCTCCAGAGACAGGCCTTCCAAG  
AGACCCGGGAGTGTCATCCAGGCACGGCTCCACTCGCAACGGGAGAACCAGCAACAGGAGCGGCTCCTGCT  
GTCTGTCTGCCCCGACACGTTGGCATGGAGATGAAAGCAGACATCAATGCCAAGCAGGAGGATATGATG  
TTCCATAAGATTTACATCCAGAAACATGACAACGTGAGCATCCTGTTTGCTGACATCGAGGGCTTACCA  
GCTTGGCATCCAGTGCACTGCCCAGGAGCTGGTCATGACGCTCAATGAGCTCTTCGCCCGCTTCGACAA  
GCTGGCTGCGGAGAATCACTGTTTACGTATTAAGATCCTGGGGGATTGTTATTACTGTGTCTCTGGGCTG  
CCTGAAGCGAGGGCCGACCACGCCCACTGCTGCGTGAGATGGGCATGGACATGATTGAGGCCATCTCGT  
TGGTCCGGGAGGTGACAGGGGTGAACGTGAACATGCGCGTGGGAATTACAGCGGGCGAGTACACTGCGG  
TGTCCTTGGTCTCAGGAAGTGGCAGTTCGACGCTGCTGCTAATGACGTCACGCTGGCCAACCATATGGAA  
GCTGGAGGCAAGGCTGGGCGCATCCACATCACCAGGCCACACTCAGCTACCTGAACGGTGACTACGAGG  
TGGAGCCAGGCTGCGGGGGCGAGCCCAACGCTTACCTCAAGGAGCACAGTATCGAGACCTTCTCATCTCT  
GCGCTGCACCCAGAAGCGGAAAGAAAGAAAGGCCATGATCGCCAAGATGAATCGCCAGAGAACCACCTCC  
ATTGGGCACAACCCGCCCACTGGGGGGCCGAACGTCCCTTCTACAACCACCTAGGAGGCAACCAAGGTGT  
CCAAGGAGATGAAGCGCATGGGCTTCGAAGACCCCAAGGACAAGAAGCCAGGAAAGTGCGAACCCCTGA  
GGATGAAGTGGATGAATTTCTGGGCGCGCCATTGACGCCAGGAGCATCGACAGGCTGCGGTGCGGACG  
GTCCGCAAGTTCCTCCTGACCTTCAGGGAGCCTGACTTAGAAAAGAAGTACTCCAAGCAGGTGGATGACC  
GATTGCGTGCTACGTGGCATGTGCTCGCTTGTCTTCTCTTCTATCTGCTTTGTCCAGATCACCATCGT  
ACCCCACTCGGTGTTTCTATGTTGAGTTTCTACTTACCTGTTTCTGCTGCTGACGTTGGTGGTATTGTG  
TCCGTGATCTATTCTGCGTGAAGCTCTTCCCGGGCCGCTCCAGAGCCTCTCGAGGAAGATCGTGCCT  
CCAAGACCAACAGCACCTTGGTGGGGTGTTCACCATCACCTTGGTGTCTCCTGTCGGCTTTTCTCAACAT  
GTTTATGTGTAACCTCCGAGGACCTGTTGGGCTGCTGGCGGACGAGCACAAACATCAGCACCAAGCCGGT  
AACGCGTGCCACGCGCGCTCGGCGGCCAACCTCAGCCTGGGCGACGAGCAGGGCTTCTGCGGCACGC  
CCTGGCCCAGCTGCAACTTCCCGGAGTACTTACCTCAGCGTGCTGCTGCTCAGCCTGCTGGCCTGCTCGT  
GTTCTGAGATCAGCTGCATCGGGAAGCTGGTGTCTGCTGCTGAGCTCATATACGTGCTCGT  
GTCGAGGTGCCCCGGGTCACTGTTGACAACGCTGACCTGCTGGTCACCGCCAACGCCATAGACTTCA  
ACAACAACAACGGGACCTCGCAGTGCCCTGACACGCGACCAAGGTGGCGCTGAAGGTGGTGACGCCCAT  
CATCATCTCCGTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
TTCTCTTGAAACTGCAGGCCACGGAGGAGAAGGAGGAGATGGAGGAGCTGCAGGCCTACAACCGGCGGC  
TGCTGCACAACATCCTGCCAAGGACGTGGCTGCCCACTTCTTGGCCCGTGAGCGACGCAACGACGAGCT  
CTACTACCACTGCTGCGAGTGGCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
GAGCTTGAGGCCAACAATGAGGGTGTGAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
AGATCATCAGCGAGGATCGGTTAGGCGAGCTGGAGAAGATCAAGACCATTGGCAGCACCTACATGGCCGC  
CTCAGGCCTCAATGACTCTACATACGACAAGGTGGGCAAGACCCACATCAAAGCCCTGGCTGACTTTGCC  
ATGAAGCTCATGACCAATGAAGTACATCAATGAGCACTCCTTCAACAACCTCCAGATGAAGATCGGGC  
TCAACATCGGCCCCGTGGTGGCGGGGTGATCGGGGCTCGCAAGCCTCAGTACGACATCTGGGGCAATAC  
GGTGAATGTGGCCAGCCGCATGGACAGCACCGGCGTGCCGGACCGCATCCAGGTCAACACGGACATGTAC  
CAGGTGTTGGCTGCCAACACGTACCAGCTGGAGTGCAGGGGTGTGGTCAAGGTCAAGGGCAAAGCGGAGA  
TGATGACCTACTTCTCAACGTTGGGCCCCGCTCAGTTAGCAGCTGCCAACTGGTGTGTCAGGCGCC  
TGGCCTCCTGAGAAACGGAAATGGCTTCTTTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
TGTGGCCGCGCGGTTGAGATTTTCCACTTTGACTCCAGAAGCAGCTTCTGCTTTTGTGGGCGAGCCAGGC  
CCTGGGGCGCCAGCGTCTGCGAGCACCAAGCTGACCAAGATGTTTCTCCTGGAAGACTCCGCCAGG  
CGTGATCTGAGTCTGAGTTTCTAACGGGTGCTGCTACTGACGGGTAGAAAGGAGCTGCTGAGCTCT  
GGCGCGTGTGGTAGCCAGGCGTGCGGCGACAGGGCTGACGGGGAGGCTCGGCTGGGGGACCGAGGCCC  
CCGCTTCTCTGTGTGAGCATTTGAGCTTCCGCCAGAGCGCACGGCCCCGCCCCACGGAGGCGTTCTGGC  
GGGAGTGTGGCTGTGGAGGGGCTGCGGCTTCTGCGAGTCTCCTCCTGCAACCCGACACGTTAGAGACG  
CCTCGTCGAGGGGAACGAAGTGCAGGGGGAGGCGGAGGACTCGAGGCAAGGAGGGGTGGTTCT  
GAGAAAAAAGATATTTTATTAATAAAACAACTTTCTGTGCCCTTAAAAAATAAAAAAATAAAAAA  
>GBCA0323 |Acc|AJ002299|Ver|AJ002299.1 GI:3413468|Canis familiaris mRNA for desmocollin  
type 2.  
TGCAAAAAAGTCATACTACATGTCCCCTCCAACTAGATGCTGAGAAATTTGTGGTAGAGTTAACCTGA  
AGGAGTGCTTTTCACTGCTGCAATCTGATTCAATCGAGTGATCCTGATTTCCAAATTTTAGAAGATGGTTC  
AGTCTATACAACAATGCTGTTTTGTCTTACAGAGGAGAGAAGTTTTAGCATATTACTTTCCAACTGAG  
AACCAGAAGAAAAGAAATACTTGTCTTTTACAGCATCAACTAAGAAAAGACATTTCTAAAGAAAAG  
TTCTAAGACGTGCCAAGAGAAGATGGGCTCCTATCTCTTGTTCATGCAGGAGAATTCTTTGGGTCCTTT

CCCACCTTTTCTTCAGCAGATTCAATCTGACACCGCACAAAACCTACACTATATTTCTATTCCATAAGAGGA  
 CCTGGGGTAGACCGAGAACCTAAGAATTTATTTTATGTAGAGAGAGATACTGGAAATCTGTTTTGTACTC  
 GTCTGTAGATCGTGAGGAATATGAATCCTTTGAGCTAATTGCCTTTGCCACAACCTCCAGACGGATACAC  
 TCCAGAACTTCCACTGCCACTGGTAATCAGAATTGAGGATGAAAATGACAACCTACCCCATTTTTTACAGAA  
 AAAACCTTATGTTTTTACAATTTCTGAAAATTGCAGAGTTGGTCTACGGTGGGACAGGTGTGTGCAACTG  
 ACAAAGATGAACCTGATACGATGCACACACGTCTCAATACTCCATCATCGAGCAGTTGCCAGCGTATCC  
 CACACTATTTTCCATGCATCCGGCTACAGGCGTGATCACCACGTCTCATCTCAGCTAGACAGAGAGCTA  
 ATTGATAAATACCAGTTGAAAATAAAAGTACAAGATATGGATGGTCAATATTTTCGGTTTGCAGACAACCT  
 CAATTTGCATCATTAATATTGATGATGTAAATGACAACCTTGCCAACATTTACCCGTACTTCTTATGTGAC  
 ATCAGTGGGAAGAAAATACTGTTGATGTGAAAATCCTCCGTGTTACTGTTGAGGATAAGGATTTAATGAAT  
 ACTGCGAATTGGAGAGCTAATTATACCATTTTAAAGGGTAATGAAAATGAGAATTTTAAAATAGTAACAG  
 ACCCGAAAACCAATGAAGGAATTCCTGTGTGTGGTTAAGCCCTGAATTATGAAGAAAGAAAACAGGTGGA  
 CCTACAGATTGTTGTAGTTAATGAAGCTCCATACTCGAAAGAGGGTAGCTTACGATCTACCATGAGCACA  
 GCAACGATTACTGTTAATGATAAATAATCAAGATGAGGGCCCTGAGTGTAGCCCTCGAGTACAAACAGCA  
 AAATAAAGAAAATGTGCCAGTGGGGACAGAGATTCAAGGATACAAAGCGTATGACCCCGAAAACAAGAAG  
 TAGCAGTGGCATAAGGTACAAGAAATTAAGTGATCCAAAAGAGTGGGTGAGAATAAATGAAAACACAGGA  
 TCCATTACAATTTTCAGAAACCTGGATCGAGAGGCAGAGATGATCAGAGGTGGTATATATAATATTACAA  
 TTCTTGATCAGACAAAGATGGGAGATCATGTACTGGGACACTGGGAATCATACTTCAAGATGTGAACGA  
 TAATGGCCCATCAATACCAAAACACACAGTGGTAATCTGCAAAACCGTCTTGTCCACCATCTGCGGACAT  
 GTTGCTATAGACCTGATGAGCCTATCAATGGCCACCCCTTGACTTCAGATTGGAGAATATTCTCTGATT  
 CAGACATAGAAAGAACATGGAGATTAACAAAAATTAACGATACGGCAGCTCGTCTTTCTATGAGAAGGA  
 CCTTCCATTTGGAAACATATCGAATATCTGTGAGAGTTGCCGATAGACATGGCCGGTCACTCATCACTCCG  
 TTAAGAGTACTTTTATGTGACTGTGTTACTGAAAATGACTGCACGCTTCGCACAGATGCGAGGACTGGTG  
 GCGGAGATGTGAGACTTGGAAAGTGGGCCATCCTTGCAATATTGTTGGGCATAGCGTTGCTCTTTTGTAT  
 CCTATTACCTTAGTCTGTGGGGTACTGGGGCAGCTAAACAGCCCAAAGTATTTCTCTGATGATTTAGCC  
 CAGCAAAACCTCATTTGTGTCAAATACAGAAGCTCCAGGAGATGACAAAATATGTTCCACGGATGGCTTAA  
 CAACCCATACTGTGGGCAGTTCGGCTCAGCGAGTGTGTGGCACCATGGGATCAGGAGTGAAAAATGGAGG  
 GCAGGAGAGCATTTGAAATGGTGAAAGGTGGACATCAGACCTGGAATCATGCCGGGGGACTGGGCATCAT  
 CACACCTGGATTCTGTAGGGGAGGACATGTGGAGGTGGACACCTGCAGATACACCTACTCCGAATGGC  
 ATAATTTCACTCAGCCCCGCTTGGTGAAGAATCCATTAGAGGACACACTCTGATTAAAAATTAACAAT  
 GAAAGAAGGTGCAACTGTGTAATCAAGATGACAAGCATAAGCATGCTCAAGACTATGTCCTTACATATAA  
 CTATGAAGGAAAGGATCCGTGGCTGGTCTATAGGTTGTGTCAGTGAACGACAGAAGAAGATGGGCTT  
 GAATTTTGGATCATTTGGAACCCAAATTTAGGACACTAGCAGAAGCATGCATCAAGAGATGAGTGTATT  
 CTGATAAATCTACAAAATCCAGTGACTTTATCTCCTTCCAACCACCACTTTTTTTCATTACCAGCCAGATT  
 TAAAAAAA

>GBCA0324 |Acc|AF043908|Ver|AF043908.1 GI:3360386|Canis familiaris MHC class II DLA DQ  
 beta chain (DLA-DQB) mRNA, complete cds.

ATGTCTGGGAAGATGACTCTGTGCAATCCCCGAGGCTTCTGGACAGCAGCTGTGATGATGATCCTGGTGG  
 TGCTGAGCATCCAGTGCGTGAGGGCAGAGACTCTCCACAGGATTTTCGTGTTCCAGTATAAGGCCGAGTG  
 CTATTTACCAACGGGACGGAGCGGGTGCGGCTTCTGACTAAATACATCTATAACCGGGGAGGAGTTCGTG  
 CGCTTCGACAGCGACGTGGGGGAGTTCGGGGCGGTACGGAGCTCGGGCGGGCCGACGCTGAGTACTGGA  
 ACCGACAGAAGGACGAGATGGACCGGGTACGGGCCGAGCTGGACACGGTGTGCAGACACAACCTACGGGAG  
 GGAAGAGCTCACCACGTTGCAGCGGCGAGTGGAACCGACAGTGACCATCTTCCCGTCCAAGACAGAGGTT  
 CTGAACCACCAATCTGCTGGTCTGCTCAGTGACAGATTTCTATCCAGGCCAGATCAAAGTCCGGTGGT  
 TTCGGAATGACCAGGAGCAGACAGCTGGTGTGCTGCTCACTCCACTTATTAGGAATGGGGACTGGACCTT  
 CCAGATCCTTTGTATGCTGGAGATGACTCCCCAGCGAGGAGATGTCTACACTTGCCATGTGGAGCACGCC  
 AGCCTCCAGAGCCCCATCAGAGTGCAGTGGCGGGCACAGTCTGAATCTGCCCAGAGCAAGATGCTGAGTG  
 GCATTGGTGGCTTCGTGCTGGGGCTGATCTTCTTGGGCTTGGCCTTATCATCCGTACAGGAGCCAGAA  
 AGGATCTCGGGGCTCTCCACCGGCAGGGCTCCTGCACTGATGCCTGAGGATACCGGGGATTCATCTCTT  
 GTAGTCCGTCTGTGCTGCCAGAAATTCAGGCTGCTGACAGACTGTCCCCACATAGATCAGAGTCT  
 CTACATGACTCTGAGGACTCTTGAGGATCTGGGTGTTGATTCTGCTTCTGCAATTGACCTGTGTGCTCCC  
 TGCTACAGGATCTACTCAGGCCCAAGGGATTTTCTGTTTCCATTCTTCTTACAGATTGTGCAAGAG  
 AAGCACATTGAAGCCATTTACCTGAAGATAGAGATTTTATCATAATTAATGTGATTATGAGTTCTCTGT  
 A

>GBCA0325 |Acc|Y15483|Ver|Y15483.1 GI:2648063|Canis familiaris mRNA for retinal guanylate  
 cyclase E.

CCACACCCCCACCTGGGCCGCGTGGCAAAGAGACCTGTGGGAGGACGTGAGAAGGGGGATCAGCCCTGT

GACCCCTCACCCCGGGCCTGGGCCCCGCGCCCCGGACTTTCCGAGAGGGCCCTGAGAGAGTTCTGGGGGCC  
TCGCCGCTCATCGCACCCCGCTTCTGCTCCCAGAAAGCCGGCGATGAGCGCGTGCGCCCTCCTGGCGGGTG  
GGCTCCCCGACCCCGGCTCTGCGCCCCCGCGCGGTGGGCTCGGTCCCCCGCCGGCGTCCCCGGGGCCCC  
GCCCTGGCCCCAGCCCCGGCTCCGGCTCCTGCTGCTGCTGCTCCTCCTGCCGCCCTCCGCCCTCTCCGCC  
GTCTTACAGTTCGGGGTGTGGGCCCCCTGGGCTGCGACCCCATCTTCGCCCGCGCCCGCCCGGACCTGG  
CCGCCCGCTGGCCCGCGCCCGCTGAACCGCGACGACCCCTGGAAGACGGGCCCCGCTTCGAGGTGAC  
GCTGCTGCCGAGCCATGCCGACGCGGGCTCCCTGGGGGCGGTGTCTCCGCGCTGGGCCGCGTCTCG  
GGCCTCGTGGGGCCGGTGAACCCCGCAGCCTGCCGCGCGGTGAGCTACTAGCCAGGAGGCGGGGGTGG  
CGCTGGTGCCCTGGAGCTGCCCGGGGACGCGGGCGGGGGGACACAGCCCCCGCGGGACGCCGGCGGC  
CGATGCTCTGTACGCCCTGCTCCGCGCTTCCGCTGGGCGCGCGTGGCCCTAATCACCGCGCCCGAGGAC  
CTGTGGGTGGAGGCGGGACGCGCGCTGTGCGGCGCGCTCAGGGCCCCGGGTCTGCCCGTGGCGTGGTGA  
CCACCATGGAGCCCTCGGACCTGTCTGGGGCCCCGGAGGCCCTGAGGAGGTCCAGGACGGGCCCCAGAGT  
CAGAGCGGTGATCATGGTGTGACATCGGTGCTGCTGGGCGCGGAGGAGCAGCGCTGTCTGCTGCAGGCT  
GCCGAGCGCTGGCCCTGGCCCTGCGACCGGACGCGCGCGCCGAGGGGGCGGCTGGGTGTGCGGAGCCACGGTAC  
CTGTGGGTGGAGGCGGGACGCGCGCTGTGCGGCGCGCTCAGGGCCCCGGGTCTGCCCGTGGCGTGGTGA  
CCACCATGGAGCCCTCGGACCTGTCTGGGGCCCCGGAGGCCCTGAGGAGGTCCAGGACGGGCCCCAGAGT  
CAGAGCGGTGATCATGGTGTGACATCGGTGCTGCTGGGCGCGGAGGAGCAGCGCTGTCTGCTGCAGGCT  
GCCGAGCGCTGGCCCTGGCCCTGCGACCGGACGCGCGCGCCGAGGGGGCGGCTGGGTGTGCGGAGCCACGGTAC  
CCCCGGGCCAGAGGCCCTTGGCCGTGCTCGCCAACAGCTCACAGCTGAGGAGGGCCACGATGCCGTGCT  
CATCCTGACGCGTCACTGTCCCCCAGGGGGCAGCGTGATGGACAACCTGCGCAGGGGCCAGGAGCACCAG  
GAGCTGCCCTCGGACCTAGATCTGCAGCAGGTGTCCCCGTCTTCCGGCACCATCTACGACGCGGTCTCTCC  
TGCTGGCGGGGGGCGTGTGACCGGACGCGGGGACGCGCGCGCCGAGGGGGCGGCTGGGTGTGCGGAGCCACGGTAC  
CCACCATATCCCGGATGCCAGGTCCCCGGCTTCTGTGGGACCCTGGGAGGAGCCAGGAGCCACCGTTT  
GTGCTGTGAGACACGAGCGCGCGGGGACCGGTCTTCCGCCACATACATGCTGGACCCACCCGGGGCT  
CCCTCCTCTCAGCTGGGACCCCGTGCATTTCCCTAGAGGGGGAGGAACACCTGGGTCCGACCCCTCATG  
CTGGTTTCGAGCCAGGTGTCTCTGCAACGGAGGAGTGGAGCCCGGCCCTGCTCTTCTCGGCTTCTCTCCTG  
GTGGTTGGGATGGGGCTGACTGGGGCGTTCCTGGCCCATTTATTTGAGGCATCGGCTACTTCACATCCAAA  
TGGTCTCTGGCCCCAACAAGATCATCCTGACTCTGGACGATGTACCTTTCTCCACCCGCATGGGGGCGAG  
CACGCGAAAGGTGGTCCAGGGAAGTGCCTCGAGTCTGGCCGCGCGCAGTACATCAGACATTCGAGCGCTC  
CCCAGCCAGCCCTTGGATAACTCCAACATTGGCTCTTTGAAGGAGACTGGGTTTGGCTGAAGAAATTC  
CCGGGGACACAGCATAGCCATCCGCCAGCAACCAAGACGGCCTTCTCCAAGCTCCGGGAGCTCCGGCA  
TGAGAACGTGGTGTCTTACCTGGGGCTCTTCTCCTCGGACGCGGGGAGCTGGTGGCTCGGCCGCGGGGAA  
GGCGTGTGGCCGTGGTCTCAGAGCACTGCGCCCGGGGCTCCCTCCACGACCTCCTCGCCCAAGGGGACA  
TTAAGTTGGACTGGATGTTCAAGTCTCCTCCTCTGCTGGACCTCATCAAGGGAATGAGGTATCTGCACCA  
TCGAGGCGTGGCCACGGGCGCTGAAGTTCGCGGAAGTGCCTGGTGGACGGGAGGTTCGTGCTTAAGGTC  
ACGGATCACGGCCACGCGGACTAATGGAAGCTCAGAGGGTGTACTGGAGCCTCCAGCGCCGAGGACC  
AGCTATGGACAGCCCCGAGCTGCTTCGGGACCCCGGCCCTGGAGCGCCGGGGAACGCTGCCCGCGCAGCT  
CTTCAGCTTGGGCTGGGCTCATGTCAGGAGGTGCTGTGCGAGCGCCCTATGCTGCTGGAGCTCACT  
CCCGAGGAAGTGGTGGAGAGGGTGCAGGACCCCTCCACTGTGCCGGCCCTCCGTGTCCATGGACAGG  
CACCTGTGGAGTGCATTCAGCTGATGAAGCAGTGTGGGCGAGGACCCCTGATCTTCGGCCCTCCTTGGG  
CCACATCTTCGACCAGTTTAAAAGCATCAACAAGGGTTCGAAAACCAACATCATTGACTCGATGCTGAGG  
ATGCTGGAGCAGTACTCCAGTAACCTGGAGGACCTGATCCGGGAGCGGACGGAGGAGCTGGAGCTGGAAA  
AGCAGAAGACCGACAGGCTACTCACGCAGATGCTGCCTCCTTCTGTGGCGGAGGCCCTGAAGATGGGGAC  
GCCGTTGGAGCCCCGAGTATTTTGGAGAGGTGACACTGTACTTCACTGACATTGTGGGCTTACCACCATC  
TCAGCCATGAGTGAGCCCATCGAGGTGGTGGATCTGCTCAACGATCTCTACACACTCTTCGACGCCATCA  
TTGGCTCCCAACGAGCTTACAAGGTGGAGACAATCGGGGATGCCATGCTGGTGGCTCGGGGCTGCCACA  
GCGGAACGGGACGCGACACGCGCGGAGATCGCCAACATGGCCCTGGACATCCTCAGCGCCGTGGGCTCC  
TTCCGAATGCGTCACATGCCGAAGTGCCCGTGCAGATTGCGATTGGCTGCACTCGGGCCCGTGGGTGG  
CCGGCGTGGTGGGCTCACCATGCCACGGTACTGCCTATTTGGGGACACGGTCAACACCGCCTCGCGCAT  
GGATCCACCGGGGCTGCCCTTACCGAATCCACGTGAACATGAGCACCGTGCAGGATTCTGCACGCTCTGGAC  
GAGGGCTTCCAGACGGAGGTGCGCGCGCGCACGGAGCTGAAGGGCAAGGGCGCGGAAGACACGTAAGG  
TGGTGGGCGAGACGCGGCTTCAACAAACCCATCCCAAAACCGCCGACCTGCAACCGGGCGCCAGCAACCA  
TGGCATCAGTCTGCAGGAGATCCCTCTCGATCGGCGCTGGAAGCTGGAGAAGGCAAGGCCGGGCCAGTTT  
TCTGGAAAGTATGGGGCACTGGGAGCAGGTGAGAGGTCCTTCTCCTGAAAGTTGCTGCTATAGGTG  
ACCAAAAAGTCTGGCCGACACAGTGGCTTCTAGCCAGCTCTGCCCTCAAAGGATTCCAGGCCCTTACAGGT  
GCTGGCTGCAAAATCTGCTGTGTGACCTTTGGGAAAAGTCTCGTGCATCTCTGTGCTTGGGATCCCCCTC  
CAGGGCGAAGTGGAGGTGGCCTGTGTGGTTTCCATGCTCCCTGCTGACAGCTGCTTACGAGAGGT  
GGCTTGGGGATATGGGGCACTGGGCTCGGGGCTCCAGCCCCAGGGTCTCTGAGCCCATCACGAGAGGT  
GGGGTGGGGATTTTGCATGTCCAGTGCCTCCCAAGACCCAGGGATGGGGTGTCTGGGATTTGGCCCCAA  
CCCCAGAGGCGAGTGGAGGAGACCTTCCAGCGCAGGGCTGTACATGGCCTAAGGATGAGCCTCTGTCTA  
GCTTCTAGTGTCTCGTCCGTCGCCGCTGTGACACTGCTCCCATCGTGACTTGTCTAAGTCAGAGAAAA

GCTGGCTTCAAGGCTTGGGGGAAAGGAAGGCAAATTTGGCTGCTCCAAAACCTCTGCTAACCAGAACATCCC  
 CTGCTTAACTGGGTATCGCTGAGCATCCCCCTCTACTTAGATCTTTCCAGCACGCATTAACAATCCCTGCC  
 TGCCCCCACCCTGCCCGTCCAGCTGAAGTTTCTTTTGTGGAACCTGATGTTCCAGAGCCTGAGCCTTGGCA  
 CGGCTGACTCGGGGTGCCCTTCCCCATGGCTTCCAGACCTGGAAAGTTAGCCGCAACCAACTAGAGGGCT  
 GCTTGAGGTAGTGAGCGTCCAGTCTCTGGAGGTCTCCAAGCAGAACCAGGCAACATCGTTGGCCAGGGATG  
 GAGCAGTCCGAGACAGGTTCTAGGTGTAAAGATGAACCTGATCCTCGGCAGGTGGAGCGTGGTTGGGAGC  
 CAGTAGCAGCGACCTCACCTGGGAGCTTGTAGACATGCAGAGTCTCAGGCCCTGACCTGACTCGAATCA  
 GAATCTGCATTTTAACGAGTCCACTCCAAGCGCTCACCTGCACTCGAACATTTGTGAATCGTGTCACTAA  
 GTGATCCTGAGAACTCTAAGATTTCAATAAAACCAGGCTAGACTCTAGCCCTGAGACTCCTTTTAAAA  
 AAAAAAAAAAAAA

>GBCA0326 |Acc|Z22820|Ver|Z22820.1 GI:3256091|Canis familiaris mRNA for Rab22 protein.

GCGCCCCCTGGCTCCCGGGCCATGGCGCTGAGGGAGCTCAAAGTGTGCCTGCTGGGGGATACGGGCGTAGG  
 TAAATCGAGCATCGTGTGGCGGTTCTGTGGAAGACAGTTTGTATCCAAACATCAACCCGACGATAGGGGCA  
 TCTTTTATGACCAAGATGTCAGTACCAAAATGAACTACATAAATTCCTAATCTGGGATACAGCTGGAC  
 AAGAACGATTTCTGTGCTTAGCGCCGATGTACTATCGAGGGTCTGCTGCAGCCATCATTTGTTTACGACAT  
 CACAAAAGAAAGACGTTTTTCAACACTGAAGAAGTGGGTGAAAGAGCTCCGGCAGCACGGCCCCGCCAAC  
 ATCGTCTGTTGCTATTGCCGGGAATAAGTGTGATCTTATCGATGTGAGAGAAGTCATGGAGAGAGATGCCA  
 AGCACTACGCCGACTCCATCCATGCGATTTTTGTGGAGACCAGCGCGAAAAATGCGATAAACATAAATGA  
 ACTCTTTATAGAAATAGTTCGAAGAATTCGTCGCTGACGCCAACCCGCCATCTGGCGGTAAGGGCTTC  
 AAGCTCCGGAGACAGCCTTCCGAGCCGACGCAAGCTGCTGCTGACCGAGCCTCAGCCTC

>GBCA0327 |Acc|Z22818|Ver|Z22818.1 GI:437984|Canis familiaris mRNA for Rab12 protein.

AGGCCGGCCGACTTCAAGCTGCAGGTCATCATCATCGGCTCCCGAGGCGTGGGCAAGACCAGCCTGATGG  
 AGCGCTTCACCGACGACACCTTCTGCGAGGCCTGCAAGTCCACCGTGGGTGTTGACTTTAAATCAAGAC  
 TGTAGAGCTAAGAGGAAAGAAAATCAGATTACAGATCTGGGACACAGCAGGTGAGGAGAGATTCAACAGC  
 ATTACCTCAGCTTATTACAGAAGTGCAAGGGGATCATACTAGTATATGATATCACTAAGAAGGAGACTT  
 TTGATGATTTGCCAAAATGGATGAAGATGATTGATAAGTACGCTTACAGAAGATGCAGAAGTCTCTTAGT  
 TGGAAATAAGTTGGACTGTGAACTGACCGAGAGATCACCAGGCAGCAAGGTGAAAAGTTTCGCGCAGCAG  
 ATAACCGGGATCGGTTCTGTGAAGCCAGTGCCAAGGATAACTTCAATGTGGACGAGATCTTTCTGAAGC  
 TTGTGATGACATTCTGAAAAGATGCCTCTGGATATTTAAGGAATGAGTTGTCCAATAGTATCCTCTC  
 GTTACAACCAGAACCCGAGATTTCCACCAGAAGTGCCTCCACCAAGACCACAGTTCGATGCTGTTAATTT  
 GCTACTTTGGAGACAAAGTGGAATGATTC

>GBCA0328 |Acc|Y13899|Ver|Y13899.1 GI:2204112|Canis familiaris mRNA for lipase.

ACTCACTTCAAGAGAAACATAATCTTGTCTTCTGAGGAGACCGCAAGACCACAATGTGGCTGCTATTAAAC  
 AGCGGCGAGTGTGATACACTTGGAAACACACATGGTTTATTTGGAATTTACATCCCACAAACCCCT  
 GAAGTGACCATGAATATAAGTCAGATGATCACCTACTGGGGATACCCAGCTGAGGAATATGAAGTTGTGA  
 CCGAAGACGGTTATATCCTTGGGATCGACAGAATTCCTTATGGGAGGAAAAATTCAGAGAATATAGGCCG  
 GAGACCTGTTGCATTTTGAACACGGTTTCTCGCATCAGCCACAACTGGATCTCCAACCTGCCAAC  
 AACAGCCTGGCCTTCATCCTGGCCGACGCCGGGTACGACGTGTGGCTGGGGAACAGCAGGGGCAACACCT  
 GGGCCAGGAGGAATCTGTACTACTCGCCGACTCCGTCGAATCTGGGCTTTTCTGCTTTGACGAGATGGC  
 TAAATATGACCTTCCCGCCACCATTGACTTCATCTTGAAGAAAACGGGACAGGACAGCTACACTACGTT  
 GGCCATTCCCAGGGCACCACCTTGGTTTCATCGCCTTTTCCACCAATCCCAAGCTGGCGAAACGGATCA  
 AAACCTTCTATGCATTAGCTCCCGTTGCCACCGTGAAGTACACCGAAACCTGTAAACAAACTCATGCT  
 CGTCCCTTCTGTTCTCTCAAGCTTATATTTGGAACAAAATATTCTACCCACACCCTTCTTTGATCAA  
 TTTCTCGCCACCGAGGTATGCTCCCGCAGACGGTGGATCTCCTCTGCAGCAACGCCCTGTTTATCATTT  
 GTGGATTTGACACTATGAACCTGAACATGAGTCGCTTGGATGTGTATCTGTACATAATCCAGCAGGAAC  
 ATCGGTTTCAGAACGTGCTCCACTGGTCCAGGCTGTTAAGTCTGGGAAGTTCCAAGCTTTTACTGGGGA  
 AGCCAGTTTCAGAACATGATGCACTATCATCAGAGCATGCCTCCCTACTACAACCTGACAGACATGCATG  
 TGCCAATCGCAGTGTGGAACGGTGGCAACGACTTGTGGCCGACCCCTCACGATGTTGACCTTTTGTCTTC  
 CAAGCTCCCCAATCTCATTACCACAGGAAGATTCCTCCTTACAATCACTTGGACTTTATCTGGGCGATG  
 GAGTCCCCTCAAGCGTTTACAATGAAATTTGTTTCCATGATGGGAACAGATAAATAGTAGTTCTAGATTT  
 AAGGAATTATTTCTTTTATTGTTCCAAAATACGTTCTTCTCTCACACGTGGTTTTCTATCATGTTTGAAC  
 ACGGTGATTGTTCCATGGTTTTGATTTCAGAAATGTGTTAGCATCAACAATCTTTCCATTGGTAATTTT  
 TGAATTTAAATGATTTTAAATTTGGGGCATCTGGGTGGCTCAGTCGGCTAAGTCGTCGCTTCCGCT  
 TAAGTCATGATCTCGGGTCTAGGATGGAGCCTTGTGTCTGGGCTCCCTGCCCGGGGCGGGGCTCTGCT  
 TCTCTCTCTGCTGCTCCCCCTGCTCGTGCCTGCACACGCGCTCTCTCTCTCTCTCAATAAATAA  
 ATAAATAAATAAATACTTAATAAATAAAAAAAAAAAAAA

>GBCA0329 |Acc|AF060514|Ver|AF060514.1 GI:3150076|Canis familiaris p53 protein (p53)



mRNA, complete cds.

GGTACCGGTGACTGCAATGGAGGAGTCGCAGTCAGAGCTCAATATCGACCCCCCTCTGAGCCAGGAGACA  
TTTTTCAGAATTGTGGAACCTGCTTCCTGAAAACAATGTTCTGTCTTCGGAGCTGTGCCAGCAGTGGATG  
AGCTGCTGCTCCAGAGAGCGTCGTGAAGTGGCTAGACGAAGACTCAGATGATGCTCCAGGATGCCAGC  
CACTTCTGCCCCACAGCCCCTGGACCGGCCCCCTCGTGGCCCCCTATCATCCTCTGTCCCTTCCCCGAAG  
ACCTACCCCTGGCAGCTATGGGTTCCTGTTTGGGGTTCCTGCATTCCGGGACAGCCAAGTCTGTTACTTGA  
CGTACTCCCCCTCTCCTCAACAAGTTGTTTTGCCAGCTGGCGAAGACCTGCCCGTGCAGCTGTGGGTCAG  
CTCCCCACCCCCACCAATACCTGCGTCCGCGCTATGGCCATCTATAAGAAGTCGGAGTTTCGTGACCAG  
GTTGTGCGGCGCTGCCCCACCATGAACGCTGCTCTGACAGTAGTGACGGTCTTGCCCCCTCCTCAGCATC  
TCATCCGAGTGGGAAGGAAATTTGCGGGCCAAGTACCTGGACGACAGAAACACTTTTCGACACAGTGTGGT  
GGTGCCTTATGAGCCACCCGAGGTTGGCTCTGACTATACCACCATCCACTACAACATACATGTGTACAGT  
TCCTGCATGGGAGGCATGAACCGGCGGCCCATCCTCACTATCATCACCTGGAAGACTCCAGTGGAAACG  
TGCTGGGACGCAACAGCTTTGAGGTACGCGTTTGTGCCTGTCCCGGGAGAGACCGCCGGACTGAGGAGGA  
GAATTTCCACAAGAAGGGGAGCCTTGTCTGAGGACCCCCCGGGAGTACCAAGCAGCAGCTGCCCTCC  
AGCACCAGCTCCTCTCCCCCGCAAAAGAAGAAGCCACTAGATGGAGAATATTTACCCCTTCAGATCCGTG  
GGCGTGAAAGCTATGAGATGTTCAAGGAATCTGAATGAAGCCTTGGAGCTGAAGGATGCCAGAGTGAAA  
GGAGCCAGGGGGAAGCAGGGCTCACTCCAGCCACCTGAAGGCAAAGAAGGGGCAATCTACCTCTCGCCAT  
AAAAAATGATGTTCAAGAGAGAAGGGCTTGACTCAGACTGAGGTTAAGGATCC

>GBCA0330 |Acc|AF056491|Ver|AF056491.1 GI:3046981|Canis familiaris interleukin-2 receptor  
alpha subunit (IL-2RA) mRNA, complete cds.

ATGGAGCCATGTTTGTCTGATGTGGGGAATCCTTACATTCATCACAGTATCTGGCTACACGACAGACCTCT  
GTGATGATGACCCACCAACCTCAAACACGCCACATTCAAAGCTCTCACATACAAGACAGGCACGGTGT  
AAATTGTGATTGTGAGAGGGGCTTCCGCGAGAATAAGCAGCTACATGCATTGTACAGGAAACTCTAGCCAT  
GCTTCCCTGGGAAAACAAATGTCGGTGCAAAAGTGTATCCCGAGAGAACAGAAAAGGAAAAGTTACCACTA  
AACCTGAGGAACAGAAGGGAGAAAACCCACAGAAATGCAGAGCCAAACGCCGCCCATGGACGAAGTTGA  
CCTTGTAGTCACTGCAGGGAGCCTCCTCCTGGGAACATGAAAACCTCCAAGAGAATTTACCACTTTGTA  
GTGGGGCAGACACTTCACTACCAGTGCATGCAGGGATTACAGCCCTCCACAGAGGTCTGCCAAGAGCA  
TCTGCAAAACCATCTTTGGGAAGACAGATGGACGCAGCCCCGCTCAAGTGCATAAGTGAAAGTCAGTT  
TCCAGATGACGAAGAGCTTCAAGCAAGCACTGATGCTCCTGCTGGGAGGGACACTTCGTCTCCCTTCATA  
ACGACAAGTACTCCAGATTTCCACAAACACACAGAAGTGGCTACAACCATGGAGTCATTTCATATTCACGA  
CCGAGTACCAGATAGCAGTGGCGAGCTGCGTCTCCTGCTGATCAGCATCGTCTGCTGAGTGGGCTCAC  
CTGGCAGCGGAGAAGGAGGAAGAGTAGAACAATCTAG

>GBCA0331 |Acc|AF056084|Ver|AF056084.1 GI:3025875|Canis familiaris lysosomal beta-  
galactosidase (GLB1) mRNA, partial cds.

GTTCGCGTGTCTGGGCGCTGCTGCTGCGCTGCTGCTGGGCTCTGCGCGCGGCTGCGGAATGCTTCCC  
AGAGGACATTCACAATTGACTACAGCCACAACCGCTTCTGAAGGACGGCCAGCCCTTCCGCTACATTC  
GGGAAGCATTCACTATTCCCGCGTGCCCCGCTTCTACTGGAAGGACCGGCTGCTGAAGATGAAGATGGCT  
GGGCTGAATGCCATCCAGACGTACGTGCCCTGGAACCTTACGAACCCAGCCGGGACAGTACCAGTTT  
CTGGGGAGCAGGATGTGGAATATTTTATTAAGCTGGCCCATGAGCTGGGACTGCTGGTCATCCTGAGGCC  
GGGACCTATATCTGTGCAGAGTGGGACATGGGAGGATTACCTGCTTGGCTATATTAAAGAATCTATT  
ATTCTCCGTTCTTCTGATCCAGATTACCTTGCACTGTGGACAAATGGTTGGGAGTCTCCTGCCCCAGA  
TGAAGCCTCTCCTCTATCAGAACGGAGGGCCGATTATACCATGCAGGTTGAAAATGAATATGGCAGCTA  
CTTTACCTGCGATTATGACTACCTGCGTTTCTGCAAGAGCTCTTCCACCACCCTGGGCAATGATGTA  
CTTCTGTTCACTACTGATGGGGCAAATGAAAAGTTTCTGCAGTGCAGGGGCTCTGCAGGGCCTCTATGCCA  
CAGTGGACTTTGGACCAAGGTGCCAATCACTGCTGCTTTCCAAATCCAGAGAAAGAGTGAGCCCCAAAGG  
ACCATTGGTGAATTTCTGAATTTCTATACCGGCTGGTTGGATCATTGGGGMCAGCCACACTCAACAGTGAGG  
ACTGAAGTGGTGGCTTCTCCTCCCTCCATGATATACCTGCCCATGGGGCAAATGTGAACCTGTACATGTTCA  
TAGGTGGGACCAATTTTGCTATTGGAATGGGGCAAACATGCCCTACCAAGCACAGCCCACAGTTACGA  
CTATGATGCCCCACTGAGCGAGGCAAGGGACCTCAGTGAAGATATTTTGTCTGCGAGAAGTTATTCGG  
AAGTTTGAAGAAAGTACCAGAAGGTTTATCCCTCCGCTACACCAAGTTTGCATATGGAAGAAAGTTGCTC  
TGAAGAAGTTAAAGACGGTGGAGGAGGCCCTGAATGTTCTGTGTCGCTCCGCTGGGGCCATAAAACAGCCTTA  
TCCCTTGACGTTTATCCAGGTGAAACAGTATTTCCGTTTTGTGATGTACCGAACAACACTTCTCAAGAC  
TGCAGTGACCCACACCCCTGCTTCAACCCCTCAGTGGAGTCCAYGACCGYGCTATGTCTCTGTGGATG  
GGGTGCCCCAGGAGCTGATGGAGCGAAGTAATGTCATCACTCTGAACATAACCGGGAAGGCTGGAGCCAC  
TCTGGACCTGCTGGTGGAGAACATGGGACGTGTGAACATATGGCAGATATATCAATGATTTTAAAGGCCCTT  
ATTTCTAACCTGACCCTTGGGTCCAGTATCCTCACAACTGGATGATCTTCCCGTTGAACACTGAGGATG  
CAGTACGACGCCACCTGGGAGGCTGGCATGGCCCTAACAAATGGCCGCCATGATAAAACCTTTGCCACCC



CTCGTCTAACTACACGCTCCCGGCCTTTTATATGGGGAACCTTCTCTATTCCCAGTGGGATCCCAGACTTG  
CCCCAGGACACCTTTATCCAGTTTCTTGGATGGACCAAGGGTCAGGTGTGGATTAAATGGCTTTAACCTCG  
GTCGATATTGGCCAGCACGGGGCCCCCAGATGACTTTGTTTGTGCCACGGCACATCCTGGTGACATCAAC  
CCCAAACACCATCATGGTGCTGGAACCTGGAGCACGCGCCCTGTGGTGACAGTGGCCAGAAAGTGTGCACC  
GTGGAGTTTGTGGACAGGCCGGTTATCGGTGCCCCCTCCAACCCCTGGTCATCCCCCTCCAGACCTGTCCC  
ATCGAGACTTGAGACTGGACTATGTCTGATGATGAACACTGTGACCCGTTGGAGTTTCAGCCTTGCACG  
TACMTACCTTATCCCCCTGTGTAATGCCAACACTGCACTGGAAAGTTCAACTGGAAAAATAGATTTAGAGTG  
TGCATTTTCTCCTGAGGTTTCCAGGCAGCCTGGTAGTGCCCAAGCCTCCACTGGCAGGGGCCACCATGAA  
TGCATGATGAGGGCAGTGGCACACAGTTTGAATGGAAGCTTTGAAGGTGTTCTGATTTTTATTTTGA  
GGAATCATGTTGCTTTCTGTAAATAA  
>GBCA0332 |Acc|AF049489|Ver|AF049489.1 GI:2947307|Canis familiaris factor VIII mRNA,  
complete cds.  
ATGCAAGTAGAGCTCTACACCTGCTGCTTTCTGTGCCTTTTGCCCTTCAGCCTTAGTGCCACCAGAAAAAT  
ACTACCTCGGTGCAGTGGAACTGTCTGGGACTATATGCAAAGTGACCTGCTCAGTGCCTGCACGCGGA  
TACAAGCTTTTCTTCCAGGGTGCCAGGATCTTTGCCACTCACCACGTCAGTCACGTACAGAAAGACTGTG  
TTTGTAGAGTTTACAGATGACCTTTTCAACATTGCCAAGCCAGGCCACCGTGGATGGGCTGCTGGGTC  
CTACCATCCAGGCTGAGGTTTATGACACAGTGGTCATTGTCTTAAAGACATGGCTTCTCATCCTGTGAG  
CCTTCACGCTGTTGGTGATCCTATTGGAAGCTTCTGAAGGTGCTGAGTATGAGGATCAGACCAGCCAA  
AAGGAGAAGGAAGATGATAATGTCAATTCCTGGTGAAAGCCATACCTATGTCTGGCAGGTCTGAAAGAGA  
ATGGCCCAATGGCCTCTGATCCACCATGTCTCACCTACTCATATTTTTCACACGTGGACCTGGTGAAAGA  
CCTGAATTCAGGCCTCATTTGGAGCCCTGCTGGTTTGCAAAGAAGGGAGTCTGGCCAAAGAAAGGACACAG  
ACCTTGCAGGAATTTGCTCTACTTTTGGCTGTATTGATGAAGGGAAGTTGGCACTCAGAAACAAATG  
CGTCTTTGACACAGGCTGAGGCCAGCATGAGCTGCACACCATCAATGGCTATGTAACAGGTCTCTGCC  
AGGCTTACTGTGTGTCACAAGAGATCAGTCTATTGGCATGTGATTGGAATGGGCACCACCCCGAAGTG  
CACTCAATTTTTCTCGAAGGTCACACATTTCTTGTGGGGAACACCCGCCAGGCCTCCTTGGAGATCTCGC  
CAATTACTTTCTTACTGCTCAGACATTCCTGATGGACCTTGGCCAGTTTCTACTGTTTTGTATATCCC  
TTCCCATCAACATGATGGTATGGAAGCTTATGTCAAAGTAGATAGCTGCCAGAGGAACCCCGAGCTGCGC  
ATGAAAAAATGAAGATAAAGATTATGATGATGGTCTTTATGGTTCTGACATGGACGTAGTTAGCTTTG  
ATGACGACAGCTCTTCTCCCTTTATCCAAATCCGCTCAGTTGCCAAGAAGCATCCTAAAACCTGGGTCCA  
CTATATTGCTGCTGAGGAGGAGGACTGGGACTATGCTCCCTCAGGCCCAACCCCAATGATAGAAGTCAT  
AAAAATCTGTATTGGAACAATGGTCTCAGCGGATTGGTAAGAAGTACAAAAAGTCCGATTTGTGGCAT  
ACACAGATGAGACATTTAAGACTCGTGAAGCTATTAGTATGAATCAGGAATCCTGGGACCTTTACTTTA  
TGGAGAAGTTGGAGACACACTGCTGATTATATTTAAGAAACAAGCCAGCCGCCATATAACATCTACCCCT  
CATGGGATCAATTATGTCACTCCTCTGCACACAGGAGATTGCCAAAAGGTGTGAAACATTTGAAAGATA  
TGCCAAATCTGCCGGGAGAGATATTCAAGTATAAATGGACAGTGACCGTAGAAGATGGACCAACTAAATC  
AGATCCTCGGTGCCTGACCCGATATTACTCAAGCTTCATTAATCTGGAGAGAGATCTAGCTTCAGGACTC  
ATTGGCCCTCTTCTCATCTGCTACAAAGAATCTGTAGATCAAAGAGGAAACCCAGATGATGTCAGACAAGA  
GAAATGTATCCTGTTTTCTGTACTTGATGAGAATCGAAGCTGGTACCTCACAGAGGATATGCAGCGCTT  
CCTCCCCAATGCAGATGTAGTGCAGCCCCATGACCCAGAGTTCCAACCTCTTAACATCATGCACAGCATC  
AATGGCTATGTTTTTGACAACCTGCAGCTGTGAGTTTGTGTCATGAGGTGGCGTACTGGTACATTCTAA  
GTGTTGGAGCAAACTGACTTCTGTCTGTCTTCTCTCTGGATATACCTTCAAACACAAAATGGTCTA  
TGAAGACACACTTACCCTCTTCCCATCTCAGGAGAACTGTCTTCATGTCAATGGAAAACCCAGGTCTG  
TGGGTTCTGGGGTGCCACAACCTCAGACTTTTCGGAACAGAGGCATGACAGCCTTACTGAAGGTTTCTAGTT  
GTAACAGGAACATTGATGATTATTATGAGGACACATACGAAGATATTCCAACCTCCCTGCTAAATGAAAA  
CAATGTAATTAACCTAGAAGCTTCTCCAGAAATCAAGGCACCTAGCACTAAGGAAAAGCAATTGAAA  
GCCACCACAACCTCCAGAAAATGACATAGAGAAGATTGACCTTCAATCTGGAGAAAGAACACAGCTGATTA  
AAGCAAAAGTGTCTCTCTAGTGATTTGTGATGCTGTTGGGACAGAATCCTACTCCACGTGGACTGTT  
CTTATCTGATCTCCGAGAGGCCACAGATAGAGCCGATGACCATTACGTTGGAGCAATAGAAAGAAACAAG  
GGCCACCTGAAAGTGGCAAGTCTCAGACCAGAGCTCCGTACAGTGAGGACAGAGAATTTACTCCTGAGC  
CAGAAGTGCAGTTAAGATTAAATGAGAATTTGGGGACAAATACAACAGTAGAGTTGAAGAAACTTGATTT  
AAAAATTTCTAGTGTCTATGACAGCTTAATGACTTACCAACAATTCATCAGATAAGTTGGCAGCAGCT  
ACTGAAAAGACAGGTTCTTAGGACCCCAATATGTGAGTTCACTTTAACGGTCAATTTAGGTACCATTG  
TATTTGGCAATAATTCATCCACCTTATTCAGTCTGGTGTACCTTTGGAATTGAGTGAAGAAGATAACGA  
TTCCAAGTTGTTAGAAGCACTTTAATGAATATTCAAGAAAGTTCACTGAGAGAAAATGTATTATCAATG  
GAAAGTAATAGGTTATTTAAAGAAGAAAGAAATTCGTGGACCTGCTTCATTAATCAAAGATAATGCTTTAT  
TCAAAGTTAATATCTCTTCGGTAAAGACAAACAGGGCACCAGTTAACTTAACAATAATAGAAAGACTCG  
TGTTGCTATCCCAACATTATTAATTGAGAACAGTACCTCAGTCTGGCAAGATATTTATGTTAGAAAGGAAT

ACTGAGTTTAAAGAAGTAACTTCTTTGATTTCATAATGAAACGTTTATGGACAGAAATACTACAGCTCTGG  
GGCTAAATCATGTGTCAAATAAACTACTTTATCAAAAAATGTGGAAATGGCCACCAAAAAAAGAAGA  
CCCTGTGCCACTACGTGCAGAAAATCCAGATCTATCATCTCCAAGATACCGTTCTTGCCAGATTGGATA  
AAGACCCATGGCAAGAACCTCCCTAAGCTCTGAGCAAAGGCCAGTCCAAAACAATTAACATCTTTAGGAT  
CAGAAAAATCTGTGAAAGATCAGAACTTTTGTGAGAGGAGAAGGTGGTAGTAGGAGAGGATGAATTTAC  
GAAGGACACAGAACCTCAAGAGATTTTCCAAACAACAAGAGCATATTTTGTGCTAACTTGGCTAATGTC  
CAAGAAAAATGATACATACAATCAAGAAAAAAATCTCTGGAAGAGATAGAAAGAAAGGAAAAATTAACCC  
AGGAGAAATGTGGCTTTGCCTCAGGCACATACTATGATTGGCACTAAGAACTTCCTGAAGAACCTTTCTTT  
ACTAAGCACTAAGCAAAATGTAGCAGGTTTAGAAGAGCAGCCATATACTCCAATACTTCAAGACACCAGG  
TCATTTAAATGATTGCGCCACATAGTGAAGGATTTCATATGGCCAATTTCTCAAAAATAAGGGAAGAGCAA  
ACTTGGGAAGGCTTGGGAAATCAAACAAACCAATGGTAGAGAGGTTTCCAAGCACTACGAGGATGTCTTC  
TAATGCAAGTCAGCATGTTTATCACTCAACGTGGTAAGCGGAGTTTGAACAAACCCAGACTCTCACAAAGGA  
GAAATAAAGTTTGAAGGAAGGTTATTGCAATGACACTTCAACCCAGTGGTCCAAAAACATGAATATT  
TGGCCAGGGAACCTCACACAGATAGAGTATAATGAGAAAGAAAAAGGGCCATTACTCAGTCCCCCT  
ATCAGATTGTTCTATGAGGAATCATGTCAACATTCAAATGAATGACTCTGCATTACCCGTTGCAAAGGAA  
TCAGCATCTCCATCAGTTAGACATACAGATCTGACCAAGATCCCATCCCAACACAACCTCTTCTCATCTTC  
CAGCATCGGCTGTAAATTATACCTTTAGAGAGAGGACTTCTGGAGTCCAAGAAGGCAGTCATTTCTTACA  
AGAAGCCAAAAGAAATACCTCTCTTTAGCCTTTGTAACTTAGGAATAACTGAAGGGCAAGGAAAGTTT  
AGTCCCTGGGGAAAAGTGCCACAAACCAACCCATGTACAAGAACTTGAAAACACTGTTCTCTTGCAAC  
CAGGCTTGTCCGAAACATCTGACAAAGTTGAATTACTTTCTCAAGTTTCATGTTGATCAAGAAGACTCTTT  
CCCTACAAAACTAGCAATGATTCTCTGGCCACCTGGATCTCATGGGAAAGATCTTCTTCAGAAACA  
CAGGGACCTGTTAAATGAATAAAACAAATAGCCCTGGAAAAGTGCCCTTTCTGAAATGGGCAACAGAAA  
GCTCTGAAAAGATTCCCTCCAAGCTGCTGGGTGTCTTGTCTTGGGATAACCACTATGATACCCAGATACC  
AAGTGAAGAGTGGAAATCCCAAAAAAGTCAAGACGAAACAGCTTTTAAAAGGAAAGACACCATTTTG  
CCCCTGGGCCCTTGTGAAAATAATGATTCAACAGCAGCAATAAATGAAGGACAAGATAAGCCCCAAGAG  
AAGCTATGTGGGCAAGCTCAAGTGGGATGTCCAGCAGTTCAAGAAGGTGGTTTCCAGGAATTTTACT  
TCAAAGGGAATTAACCGTTACTACTCTTCAGCCAGAGGAAGACAAATTTGAGTATGATGACACCTTCTCA  
ATTGAAATGAAGAGAGAAGATTTTGACATCTACGGCGACTATGAAGATCAGGGCCTCCGCGAGCTTTCAA  
AGAAAACACGACACTATTTTCATTGCTGCAAGTGGAGCGTCTCTGGGATTATGGGATGAGTAGATCTCCCCA  
TATACTAAGAAACAGGGCTCAAAGTGGGATGTCCAGCAGTTCAAGAAGGTGGTTTCCAGGAATTTTACT  
GATGGATCCTTTACTCAGCCCTTATACCGTGGAGAAGTGAATGAACACTTGGGACTCTTGGGGCCATATA  
TAAGAGCAGAAGTTGAAGACAATATCGTGGTAACCTTTCAAAAACCCAGGCCTCTCGTCCCTACTCCTTCTA  
TTCTAGTCTTATTTCTTATGACGAAGATGAGGGACAAGGAGCAGAACCTAGAAGAAAGTTTGTCAACCT  
AATGAAACCAAAATTTACTTTTGGAAAGTACAGCATATATGGCACCCTAAAGATGAGTTTGAGTGC  
AAGCCTGGGCTTATTTTCTGATGTTGATCTGGAGAAAGATGTGCACTCAGGCTTGATTGGACCCCTTCT  
GATCTGCCGCGAGTAACACACTGAACCCCTGCTCATGGGAGACAAGTGACAGTGCAGGAGTTTGGCCCTGGT  
TTCACTATATTCGATGAGACTAAGAGCTGGTACTTCACTGAAAACCTGGAAAGGAAGTGCAGAGCTCCCT  
GCAATGTCCAGAAGGAGGACCCTACTCTAAAAGAAAACCTCCGCTTCCATGCAATCAACGGCTATGTGAA  
GGATACACTCCCTGGCTTAGTAATGGCTCAGGATCAAAAGGTTGATGGTATCTGCTCAGCATGGGCAGC  
AACGAAAACATTTCATTCATTCACTTCAGTGGACATGTGTTCACTGTACGGAAAAAAGAGGAATATAAAA  
TGGCAGTCTACAACCTCTATCCAGGTGTTTTTGGAGACTGTGGAAATGCTACCATCCCAAGTTGGAATCTG  
GCGGATAGAATGCCCTTATCGGCGAGCACCTGCAAGCCGGGATGAGCACTCTGTTTCTGGTGTACAGCAAG  
AAGTGTCAAGACTCCACTGGGGATGGCTTCCGGACACATTAGAGATTTTTCAGATTACAGCTTCAGGACAAT  
ATGGACAGTGGGCCCCAAAGCTGGCCAGACTTCATTATTCCGGATCAATCAATGCCTGGAGCACCAGGA  
TCCTTTTTCTGGATCAAGGTGGATCTCTTGGCACCGATGATTATTCACGGCATCATGACCCAGGGGGCC  
CGCCAGAAGTTCTCCAGCCTCTACGTGTCTCAGTTTATCATCATGTACAGTCTGGATGGCAACAAGTGGC  
ACAGTTACCGAGGGAATTCACGGGGACCTTAATGGTCTTCTTTGGCAACGTGGATTTCATCTGGGATCAA  
ACACAATATTTTTAACCTCCGATTATTGCTCAGTACATCCGTTTGCACCCAACCCATTACAGCATCCGC  
AGCACTCTTCGATGGAGTCTTGGGCTGTGACTTCAACAGTTGCAGCATGCCGCTGGGGATGGAGAGTA  
AAGCAATATCAGATGCTCAGATCACTGCTCGTCTTCACTACCTAAGCAGTATGCTTGGCACTTGGTCTCTT  
CCAAGCCCGCTGCACCTGCAGGGCAGGACTAATGCCTGGAGACCTCAGGCAATAACCCAAAAGAGTGG  
CTGCAAGTGGACTTCCGGAAGACCATGAAAGTCAAGGAATAACCAACCCAGGGGGTGAATCTCTCCTCA  
TCAGCATGTATGTGAAGGAGTTCCTCATCTCCAGTAGTCAAGATGGCCATAACTGGACTCTGTTTCTTCA  
GAATGACAAAGTCAAGGTCTTCCAGGGAACCGGACTCCTCCACGCTGTGCGGAACGCTCTCGAACCC  
CCGCTGGTGGCTCGCTACGTGCGCCTGCACCCGACAGCTGGGCGCACCATCGCCCTGAGGCTGGAGG  
TCCTGGGCTGCGACACCCAGCAGCCCGCCTGACCCGCGCCTCTGCGGCCCTGTCTCCCTGCTCCCTGC  
CCTGTCCCCGGGCTTCCCGGGCCCTGACCCCCACCTCTCCAGCCTGTCCCCGTGGCCTCCTGGGCCCTG

TGCCC

>GBCA0333 |Acc|AF049909|Ver|AF049909.1 GI:2944071|Canis familiaris cytochrome P450 2C21 (CYP2C21) mRNA, partial cds.

CTTCATAGTTCTGGTGATATGTCTTTCTGTTGATTTCTTTCTTCTGTGGAATCAAAATCGTGCCAAA  
GGGAAGCTGCCACCTGGCCCCACTCCTCTCCCAATCATTGGAAATATCTACAGATAAAATACTAAGAATG  
TCAGCAAATCCCTAAGCAAGCTAGCAGAGAATTATGGCCCTGTGTTCACTGTGTATTTTGGCATGAAGCC  
TACCGTGGTGTGTACGGGTATGAAGCGGTGAAGGAAGCTCTAATTGATCGGAGTGAAGAGTTTTTCAGGC  
AGAGGCCATTTCCCATTTGTTGGACTGGACCATACAGGGATTAGGAATTTGTTTTCAGCAACGGAGAAAAAT  
GGAAGCAAACCCGGCGTTTTTCCCTGACAGTTTTGCGGAATATGGGGATGGGAAAGAAGACTGTTGAAGA  
CAGAATTCAAGAAGAGGCCCTGTATCTAGTGAAGCATTAAAAAAAACCAACGCATCTCCCTGTGATCCT  
ACTTTCTTCTGGGCTGTGCTCCCTGCAATGTGATTTGCTCCATTATTTCCAGAATCGTTTTGAGTATG  
ATGATAAAGATTTTTTAACCTTGTTAGAGTATTTTCATGAAAACCTTCTAATTTCAAGCACCTCCTGGAT  
ACAGCTCTACAATGCTTTCCCTCTTTTAATACATTACCTTCCAGGAAGTCATCATGTGTTATTTAAAAAC  
ATTGCTAACCATTAAAGTTTATTTTCGGAATAAAGAAACACGAAGAATCTCTAACTTTAGTAACC  
CTCGGGACTTTATTGACTACTTCTGATCAAAATAGAAAAGGAAAAACAACAAACAGTCTGAATTTAC  
CATGGCAACTTGTATCATTACCATATGGGATGTGTTAGTGCAGGAAACAGAGACAACGAGCACCACCTG  
AGATACGGACTATTGGTGTATTAAGCACCCAGATGTACAGCTAAAGTCCAGGAAGAGATTTCATCGTG  
TAGTTGGCAGACATCGGAGCCCTGCATGCAAGATAGGAGCTGCATGCCCTACACAGATGCTGTGGTACA  
TGAGATCCAGAGATACATTGATCTTGTCCCCAACAACTGTGCCCCATTCACTGACTCAGGACATCAAGTTT  
AGAGAATACCTTATTTCCCAAGGGCACAACCATATTAACATCTCTGACTTCTGTCTGCTGCATGATGAGAAAG  
GATTTCCCAACCCAGATCAGTTTGATCCTGGCCACTTCCCTGGATGAAAATGGCAGCTTTAAGAAGAGTGA  
CTACTTCATGGCCTTCTCAGCAGGGAAGAGAGTTTGTGTTGGAGAAGGCCCTGGCCCGCATGGAGCTGTTT  
TTGCTACTGACCAATATTTTACAGCATTTACCTTGAACCTCTGGTTGATCCAAAGGACATTGACACCA  
CCCCAATTGCCAATGGGTTGGGTGCTACACCACCTTCCATATAAGCTCTGTTTTGTTCCAGTCTGAAGAAA  
GGCCAGGCCGCCAGATTGCAAAGCCACACTGACCTCACCTGAACAAGCCAGATGCTTTTCTGTCTTATGT  
GTCAGCCACCATCCACCTCTCCTTTCACATCAGGAAGGACATTCCTGACCCTTTCTTTTTCATTGTCTTTA  
TCCTTAAGATTGAGTTCAAATTTCCCTGTATGAAACAAAATTTCTTTTTTGTATCCAGTCTTAAGATTTT  
ATGCTGTATCTCATATGCAGTGTATACCAATGGTGTAACTTTATTGTCTATTTTCTTCCATTAAAAAT  
TAAAAATTGGGACGCCTGGGTGGCTCAGCAGTTTAGAGCTGCCTTCGGCCCCAGGGCCTGATCCTGGAG  
TCCTGGAATTAAAGTCCCATATCGGGCTCCCTGCATGGAGCCTGCTTCTCCCTCTGCCTGTATCTCTGCCT  
CTCTCTGTGTGTGTCTCTCATGAATAATAAAATCTTTAAAAACAAAAA

>GBCA0334 |Acc|Y13242|Ver|Y13242.1 GI:2920689|Canis familiaris mRNA for ALCAM, partial.

GGCTCCCCAGTATTTATTGCCTTCAGGTCTCTCTACAAAGAAAAGTGTGCAGTACGACGATGTACCAGAAT  
ACGAAGACAGATTGAGCCTCTCAGAAAACCTACACTTTGTCTATCAGTAATGCAAGGATCAGTGATGAAAA  
GAGATTTGTGTGCATGCTAGTAACCGAGGACAACGTGTTTGGGCACCTACAATAGTCAAGGTGTTCAAG  
CAACCATCCAAACCTGAAATTGTAAGCAAGACCTTTTCTCGAAACAGAGCAGCTAAAAAGTTGGGAG  
ACTGCATTTCAAAGACAGTTATCCAGACGGCAACATCACATGGTACAGGAATGGAAGAGTGTGCAACC  
CCTTGAAGGAGTGGTAGTCTTAATTTTAAAAAGCAATGGACCCGGTAACCTCAGCTGTATACCATGACT  
TCATCCCTGGAGTACAAGGCAACCAAGGCTGACATACAAATGCAATTTACCTGCTCTGTGACGTATTATG  
GACCATCTGGCCAGAAAACAGTTTCAGTCTGAACAAGCAATCTTTGATATTTACTATCCTACTGAGCAAGT  
GACAATACAAGTGCTGCCATCAAAAACCTGCCATCAAGAAGGAGATATTATCACTCTTAAGTGCTTGGGA  
AATGGTAACCCCTCCTCCTGAAGAATTTTGTTTTACCTACCAGGACAGCCTGAAGGAATAAGAAGCTCAA  
ATACTTACACGTTGACAGATGTGAGGCGAAATGCAACAGGAGACTACAAGTGCTCCCTGATAGACAAAAA  
AAGCATGATTGCTTCAACAGCTATCACAGTTCACATTTTGGATTGTCTTAAACCAAGTGGAGAAGTG  
ACCAAGCAGATTGGCGATGCCTTGCCGTGTGATGCACAAATATCTGTAGCAGGAACGCAACTGTGGTAT  
GGATGAAAGACAACATCAGGCTTCGATCTAGCCCATCATTTTCCAGTCTCCAGTATCAGGATGCTGGA  
CTATGTCTGTGAAACTGCTCTGCAAGAGGTGCAAGGCCTAAAGAAAAGAGAGTCATTGACACTCATAGTA  
GAAGGAAAACCTCAAATCAAATGACAAAGAAAACCTGATCCCAGTGGACTGTCTAAACAATAATCTGCC  
ATGTGGAAGGTTTTCCGAAGCCGGCTATACAATGGACAATTACCGGCAGTGGAGCGTCATAAACCAAC  
AGAGGAATCTCCTTATATAATGGCAGGTATTATGATACAATTAATCAATTTCCCTGAAGAGAAATGTTACA  
TTAACTTGACAGCAGAAAACAGCTGGAGAGAACAGTAACTCCTTGAATGTCTCTGCTATAAGTATTC  
CAGAACACGATGAGGACAGCAATAAGTGTGATGAAAACAGAGAACAGGTGAACCACCGGGCAACCTGAT  
CGTGGGGATCGTCTCTCTCCATGGTGCCTAGTTGCTGGTGTGCTACTGGCTGTAGCTGAAG  
AAATCAAAAGACTGCATCAAAACACGTAACACAGGACCTTGGTAATCTGGAAGAAAACAAAAGTTAGAAC  
AAAACATCACAGGACAGAAGCCTAA

>GBCA0335 |Acc|AF045185|Ver|AF045185.1 GI:2854103|Canis familiaris epididymis-specific secretory glutathione peroxidase-like protein GPX5 mRNA, complete cds.

TCGCCGTTGGCTACAGGATCAAAAGCTTGACAGGGTGTGTGTGAGATCCCAGCCTCAAAAACCTACATCTA  
CGGACTAGTCATGACTGCATGGTTAGGGGCTCCTACGTTTTCCTATTCTGCTAGTCAGCTTTGTGCAG  
ACAAATGCCAAGCCTGAGAAGACAAAGATGGATTGCTATAAAGATGTGAAAGGAACCATCTATGAATATG  
AAGCCCTCACTCTCAATGGAAATGAACGCATTCAAGTCAAGCAGTATCCGCGCAAGCATGTTCTTTTGT  
CAATGTGGCCACCTATTGTGGTCTGACAGCTCAGTATCCTGAAGTGAATCACTTCAGGAGGAGCTGAAG  
CCCCTTGGCCTGGTTGTATTGGGCTTCCCTGCAACCAATTTGGGAAGCAGGGACCAGGAGAGAACTCAG  
AGATTCTTCCGGGCTGAAGTACGTCGGGCCAGGCAGAGGCTATGTCCCTAACTTCAGCTCTTTGAGAA  
AGGGGATGTGAATGGTGAAGAAAGAACAGAAAGTCTTACCTTCTTGAAGCTCTCCTGCCCTCACCCCTCA  
GAGTTCTAGGCTCCTTCAGACACATCTCCTGGGATCCTGTAAAGGTCCACGATATCCGCTGGAACCTTG  
AGAAGTTCCTGGTGGGGCTGATGGGGTCCCTGTCTGCGCTGGTTCCACCGGACTCCCATCAGCACTGT  
CAAGGAAGACATCCTGGTCTACCTGAAACAGCTCAAAATGAAATAGGAAGGCAGGAGCAACCCCTGCTTCT  
CATCAGAAGACGGTTTTAAAAAATTCAGATTTACGACATTCTTCTAAATGGCCTGCCCTTGACCAAA  
GCATGCTGTACCGCCAGAGTTCCCACTCTCTACCAAGCAGTTATATATTCAGAAGACTACTGCTATTTCT  
CCTTGCAAGTCCGATGTGGAAAGAAACAAAGATGGAACCTCTAAATCCTTAGACCTCTAATATAAT  
AAATTTAATCGGTCTGTCCATCAAAGAAAATCTAGCGTTCCATGAGGATGGTTCAGTCTGCCACAACAT  
CCTGAAAAGAACGTTCCAGACAGAATGTTCCCCCTTCTCTTTCCACTCAAAAGTGTAGAAATAACAGTG  
GGATGGTAGCCATACAGCCGAGTTCCACCTTATAACACCTGCCCTCCACCGTGACAAACACGTATTGTC  
AGTTTCCAGTCTTTTGAGACAGTGGTTCCATCCATGAAACTTACCCTCCCATACACACAGTGTCTGTC  
ATTCTGGCTTATGAGCTCTAAGGTGGAGTGAGAGCAGGAGACTGCCTTGCCAAGGATAGAAGGACATCTC  
CATGGTAGTGGACCCGGAGCCTCTCTATCATTTAGATCCTACAGAACTTCCCTGCTGTCTGACTGTGTAG  
TGCACTCAGGTATGACACCTGGACAATGCATCCTTTGAAGGATGGGCTTCTCTTGTCCATCCTAGATT  
CTTCAGCTTCAGAACCAGCTCTGCATTGTCTCCAATAAAATGTTTTCTACAGCA  
>GBCA0336 |Acc|U94345|Ver|U94345.1 GI:2853284|Canis familiaris sarcoplasmic reticulum Ca2  
+-transport ATPase isoform (SERCA2a) mRNA, complete cds.  
GAATTCGGTCTGGGGGAGGGGGCGCGGGGTGATTACGCGCCCGCGAGGCGGAAGCGGGCCGAGGAGGAG  
GAGGAGGAGGAGGAGGGGGGAGGGCTGTCCGCGCCTGGGCGCCCGGGGTGGCACGAGCCACGGCCTGA  
GTGCGAGGCGGAGACGAGGAGGCCGCGGGGACTGGAGGCGAGGCGCGGGCCCGGCGAGCCATGGAGA  
ACGCGCACACAAAGACGGTGGAGGAGGTGCTGGGCCACTTCGGCGTCAACGAGAGCACGGGGCTGAGTCT  
GGAGCAGGTCAAGAAGCTTGAAGACTTACTAGTTTGAATATTATGCTGGCAGCGTGTATATCTT  
CTGGAACCTGTGATCGAGCAGTTTGAAGACTTACTAGTTTGAATATTATGCTGGCAGCGTGTATATCTT  
TTGTTTTGCTTGGTTTGAAGAAGGTGAAGAAACAATTACAGCCTTTGTAGAACCCTTTGTAATTTTACT  
TATATTAGTAGCCAATGCAATTGTGGGTGTATGGCAGGAGAGAAATGCTGAGAATGCGATCGAAGCACTT  
AAGGAATATGAGCCTGAAATGGGCAAGTATATCGACAGGACAGAAAGAGTGTCCAGCGGATTAAAGCTA  
AAGACATAGTTCCTGGTGATATTGTAGAAATTTGTTGGTGACAAAGTTCCTGCTGATATAAGATTAAAC  
ATCCATCAAATCTACGACTTAAGAGTTGACCAGTCCATTCTCACAGGTGAGTCTGTGTCTGTCTATCAAG  
CACACTGACCCGGTCCCAGACCCACGGGCTGTCAATCAAGATAAAAAGATATGCTCTTTTCTGGTACAA  
ACATTGCTGCTGGCAAGCCATGGGAGTGGTAGTGGCAACTGGAGTGAACACAGAAATTGGCAAGATCCG  
GGATGAAATGGTAGCAACAGAGCAGGAGAGAAACCCACTCCAGCAGAACTAGATGAGTTTGGGGAACAG  
CTTTCCAAAGTCATCTCCCTGATTGTGCATCGCAGTCTGGATCATAAACATTGGGCACCTCAATGACCCAG  
TTCATGGAGGCTCCTGGATCAGAGGTGCTATTTACTACTTCAAATTCAGTGGCCCTGGCTGTGGCAGC  
CATTCCTGAAGGTCTGCCTGCTGTATCACCACCTGCCTGGCTCTTGGAACTCGCAGAAATGGCTAAGAAA  
AATGCCATTGTTTGAAGCTCCCTTCTGTGGAAACCTTAGGTTGTACTTCTGTTATCTGCTCAGACAAGA  
CTGGTACACTGACAACGAACAGATGTCTGTGTGCAGGATGTTTCTTGGACAGAGTTGAAGGTGATAG  
CTGCTCCCTTAATGAGTTTACCATTACTGGATCAACATACGCACCTATTTGGAGAAGTGCATAAAGATGAT  
AAACCACTGAAATGTCAATATGATGGTCTTGTGGAATTGGCAACCATCTGTGCTCTTTGTAATGATT  
CTGCATTGGATTACAATGAGGCGAAGGGTGTGTATGAAAAGTTGGAGAAGCTACAGAGACTGCTCTCAC  
ATGCCTAGTAGAGAAGATGAATGTATTTGATACCGAATTGAAGGGTCTTTCTAAAATAGAGCGAGCAAAAT  
GCCTGCAACTCGGTCAATTAAGCAGTTGATGAAAAGGAATTTACTTTGGAGTTTTTACGTTATAGAAAAT  
CAATGTCAGTTTATTGTACACCAAAACAAACCGAGCCGACTTCGATGAGCAAAATGTTTGTGAAGGGGGC  
TCCTGAAGGTGTCTTGAAGGTGCACCCACATTCGAGTTGGAAGTACTAAAGTCCCTATGACCCAGGC  
GTCAAACAGAAGGTCTGTCTGTCTTCCGGAATGGGGTAGCGGCAGCGACACACTGCGGTGCCTGGCCC  
TGGCCACCCACGACAACCTCTGAGAAGAGAAGAAATGAACCTTGAGGACTCTGCCAATTTATTAAATA  
TGAGACCAATCTGACTTTCTGTTGGATGCGTGGGCATGCTGGATCCTCAAGGATTGAAGTGGCCTCCTCT  
GTAAAGCTGTGCGCGCAAGCAGGATCCGAGTCAATGATGATCAGAGGAGACAAGGGCAGCGGATGG  
CCATCTGTGCGCGCATTTGGCATCTTTGGACAGGACGAAGATGTGACGTCAAAGGCTTTTACAGGCCGGGA  
GTTTGATGAGCTCAGTCTTTCAGCCAGAGGGATGCCTGCTTGAATGCCCGCTGTTTTGCTCGAGTCGAA  
CCTTCCCAAGTCAAAAATGTAGAATTCCCTTCAGTCTTTTGTATGAGATTACAGCCATGACTGGGGATG

1343

GGCCAAGACAGAAAGCTTGGTACAAAAGAGGACTTGAATGAGAATGTTCCCTTCAGTTTCCTTCTGGAGGA  
TTCTGAAGCTGAACTCAACTGAATGGCCTTATTTTGTGGTGGTATATTTTGTGCTATTATAAACGGAGG  
CCTGCAACCAGCATTTTCAATAATATTTTCAAGGATTATAGGGATCTTTACCCGAGATGAGGATCCTGAA  
ACAAAACGACAGATAGTAACATGTTTTCTGTATTGTTTCTAGTCCTTGGAAATTATTTCTTTTATTACAT  
TTTTCTCCAGGGCTTCACATTTGGCAAAGCTGGGGAGATCCTCACTAAGCGGCTTCGATACATGGTTTT  
CAGATCCATGCTGGGACAGGATGTCAGCTGGTTTGTATGACCTAAAAACACCCTGGAGCATTGACAACC  
AGGCTTGCCAATGATGCGGCTCAAGTTAAAGGGGCTATAGGTTCCAGGCTTGCTGTCAATACCCAGAATA  
TAGCAAATCTTGGGACAGGCATTATTATATCCTTAATCTATGGTTGGCAATTAACACTTTTACTCTTAGC  
AATTGTACCCATCATTTGCAATAGCAGGAGTTGTTGAAATGAAATGTTGTCTGGACAAGCACTGAAAGAT  
AAGAAAGAGCTAGAACGAGCTGGGAAGATTGCTACAGAAGCCATCGAAAACCTCCGAACCTGTTGTTTCTT  
TGACTCGGGAGCAGAAGTTTGAATACATGTATGCACAGAGTTTGAAGTACCATAACAGAACTCTTTGAG  
GAAAGCACACATCTTCGGGGTCTCATTTTCTATCACCAGGCATGATGTATTTTTCTATGCTGGCTGT  
TTCCGGTTTGGTGGCTACTTGGTGGCAAATGAGTTTCATGAACTTTCAGGATGTTCTTTTGGTATTCTCAG  
CTATTGTCTTTGGTGGCTACTTGGTGGCAAATGAGTTTCATGAACTTTCAGGATGTTCTTTTGGTATTCTCAG  
ATCAGCAGCCCACGTCATCATGATCATTTGAAAAAGCCCTCTGATTGACAGCTACAGCCCTCACGGCCTC  
AAGCCAAATACGTTGGGAAGGAAATGTGACATTTAATGAGGTCGTGTTCAACTATCCCACTCGACCAGACA  
TCCCCGTGCTCCAGGGGCTGAGCCTCGAGGTGAAGAAGGGCCAGACGCTGGCCCTCGTAGGTAGCAGTGG  
CTGTGGGAAGAGCATGTTGTTGAGCTCCTAGAGCGCTTCTATGACCCCTTGGCTGGTTTCAGTGCAATT  
GATGGCAAAGAGATAAAGCACCTGAATGTCCAGTGGCTCCGAGCACACCTGGGCATCGTGTCTCAGGAGC  
CCATCCTGTTTGTGCTGAGCATTGCGGAGAACATTGCCTATGGAGACAACAGCCGGGTCGTATCACATGA  
AGAGATTATGAGGACAGCAAGGAGGCCAACATACACCCTTCATCGAGACACTCCCTGAGAAATACAAC  
ACCAGAGTAGGAGACAAAGGAACCCAGCTCTCTGGTGGCCAGAAACAGCGCATTGCCATAGCTCGCGCTC  
TTGTTAGACAGCCTCATATTTTGTCTTTTGGATGAAGCTACATCAGCTCTGGATACAGAAAGTGAAGAGGT  
TGTCGAAGAAGCCCTGGCAAAAGCCAGAGAAGCCGACCTGCATTGTGATCGCCCAACCGCTGTCCACC  
ATCCAGAATGCAGATTTAATAGTGGTGTTCAGAATGGCAAAGTCAAGGAGCATGGCACACATCAACAGC  
TGCTGTTAATTGCATTATAAAATATAGAGTAATTCAAAGTAGATTTTGTAAATAAATGTATAATTTT  
GTTTATATTTTATTTGTAACCTACTGCTTTGCTGAAAGATTATAGAAGTGGTAAAAAGTACTGAATGTTT  
GAATAAAGTGCTAGCTATAATAAACTAAACTTTTATATGAAAAAA

>GBCA0338 |Acc|L41609|Ver|L41609.1 GI:1246216|Canis familiaris Sec1 homolog (munc-18-2)  
mRNA, complete cds.

GAGACCCGGAAGCGGCGGCCCCCTGGGGGAAGATGGCGCCCTCGGGGCTGAAGGAGGTGGTGGGGGAA  
AAAATTTCTGAATGGAGTCAATTCGGAGTGTCAAAAAGGATGGGGAGTGGAGGTACTCATATGGACCATC  
CAAGCATGCGCATCTTGTCTCCTGCTGCAAGATGTCAGACATCCTAGCTGAGGGCATTACTATTGTTGA  
AGACATCAACAAACGCCGAGAACCCATCCCAAGTTTGGAGGCCATTTATTGCTCAGCCCCACAGAGAAG  
TCAGTACAGGCTCTGATAGCAGACTTCCGGGGGACCCGACCTTCACCTACAAAGCAGCACACATCTTCT  
TCACTGACACCTGCCCTGAGCCCTGTTCACTGAGCTGAGCCGTTACGCTAGCGAAGGTGGTGAAGAC  
GCTGAAGGAGATCCACCTGGCCCTTCTCCCTACGAAGCCAGGTGTTCTCCCTGGATGCCCCCACAGC  
ACCTACAACTCTACTGCCCTTCCGGGTGGGGGAGCGGGCACGGCAAATTGAGGCCCTCGCCCAGCAGA  
TCGCCACGCTGTGCGCCACGCTGCAGGAGTACCCAGCCATCCGCTACCGCAAGGGCCCAGAGGTACGGC  
TCAGCTGGCCAATGCCGTCTGGCCAAGCTGAATGCCTTCAAGGCTGACAATCCCAAGTCTGGGAGAGGGC  
CCCGAGAAAACCCGCTCGCAGCTACTCATCGTGGACCGGGGGCCGACCTGTGTCCCCGCTGCTGCATG  
AGCTCACATTTCCAGGCATGGCCTATGACCTGCTGAACATCGAACAGGACACATATAGGTACGAGACCAC  
GGGGCTGAGTGAGGCCCGGGAAAAGGCTGTGCTGCTGGATGAGGACGATGACCTGTGGGTAGAGCTGCGG  
CACATGCACATCGCCGATGTGTCCAAGAAGGTACCGAGCTTCTAAAGACGTTCTGTGAGAGCAAGAGGC  
TGACCACGGACAAGGCCAACATCAAAGACCTGTCCACATCCTGAAGAAGATGCCGAGTACCAGAAGGA  
GTTGAACAAGTATTCTACCGACCTGCATTTAGCGGAGCTGCATGAAGCACTTCAAGGGTTCCGTTGGAG  
AAGCTGTGCGGGGTGGAGCAGGACTTGGCCATGGGCTCAGACACAGAGGGTGAGAAGATCAAGGATGCCA  
TGAAGCTGATCGTGCCTGTGCTGCTGGATGCAGCCGTGCCAGCCTATGACAAGATCCGGGTCTGTTGCT  
CTACATCCTTCTGCGGAACGGTGTGAGTGAGGAGAATCTGGCCAAGCTGATCCAGCATGCCAATGTGCAG  
GCACACAGCAGCTTCTACCGAACCTGGAGCAGCTGGGGGGCACGGTCACCAACCCTGGGGGCCGGGGA  
CCTCAAGCCGGCTAGAGCGGAGGGAGCGCTTGGAGCCCACCTATCAGTTGTCCCGCTGGACCCCAAGTCAT  
CAAGGACGTGATGGAGGATGCCGTGGAGGACCGGCTGGACCGCAAGCTCTGGCCCTTCGTGTCCGACCCC  
GCCCCACGTCCAGCTCCAGGCTGCTGTGACGCGCCGCTTTGGCCACTGGCATAAGAACAAGGCCGGCG



1345



CGTGCCAGCACCCCGAGCCACTGGCATGCCCTGTACAGTGTGTTGAAGGTTGCCATGCGCACTGCCCTCC  
AGGGAAAATCCTGGATGAGCTTTTGCAGACCTGCATCGACCCTGAAGACTGTCTGTGTGAGGTGGCT  
GGTCGTCGCTTGGCCCCAGGAAAGAAAATCATCTTGAACCCAGTGACCCTGAGCACTGCCAAATTTGTC  
ATTGTGATGGTGTCAACTTCACCTGTGAGGCCCTGCAGAGAACCCGGAAGTCTTGTGGTGCCCCCACAGA  
AGGCCCCATTGGCTCTACCACCTCGTATGTGGAGGACACGCCGAGCCGCCCTCCATGACTTCCACTGC  
AGCAGGCTTCTGGACCTGGTTTTCTGCTGGATGGCTCTCCAAGCTGTCTGAGGACGAGTTTGAAGTGC  
TGAAGGTCTTGTGGTGGGTATGATGGAGCATCTGCACATCTCCAGAAAGCGGATCCGCGTGGCTGTGGT  
GGAGTACCACGACGGCTCCACGCCTACATCGAGCTCAAGGACCGGAAGCGACCCCTCAGAGCTGCGGCGC  
ATCACCAGCCAGGTGAAGTACGCGGGCAGCGAGGTGGCTCCACCAGTGAGGTCTTAAAGTACACGCTGT  
TCCAGATCTTGGCAAGATCGACCGCCCGGAAGCGTCTCGCATTGCCCTGCTCTGATGGCCAGCCAGGA  
GCCCTCAAGGCTGGCCCCGAATTTGGTCCGCTATGTGAGGGCCTGAAGAAGAAGAAAGTCATTGTATC  
CCTGTGGGCTCGGGCCCCACGCCAGCCTTAAGCAGATCCACCTCATAGAGAAGCAGGCCCCTGAGAACA  
AGGCCCTTTGTGTTAGTGGTGTGGATGAGTTGGATGAGTGGCAGCGAAGGATGAGATTATCAACTACCTGTGA  
CCTTGCCCCGAAGCACCTGCCCTACTCAGCACCCCCCAATGGCCCAGGTACGGTGGGTTCGGAGCTG  
TTGGGGGTTTCATCTCCAGGACCCAAAAGGAACCTCATGGTCTCTGGATGTGGTGTTCCTGGAAGGGT  
CAGACAAAATTTGGTGAGGCCAACTTTAACAAGCAGGGAGTTCATGGAGGAGGTGATTACGCGGATGGA  
CGTGGGCCAGGACAGATCCAGTCAAGTGTGCTGCTACTGCTACATGGTGACCGTGGAGTACACCTTC  
AGCGAGGCGCAGTCCAAGGGCGAGGTCTACAGCAGGTGCGGGATATCCGATACCGGGGTGGCAACAGGA  
CCAACACTGGACTGGCCCTGCATACCTGTCCGAACACAGCTTCTCGGTGAGCCAGGGGGACCGGGAGCA  
GGTACCTAACCTGGTCTACATGGTCAAGGAAACCCCGCTTCTGATGAGATCAAGCGGATGCCGAGAGC  
ATCCAGGTGGTGGCCATCGGGGTGGGTCCACATGCCAATGTGAGGAGCTGGAGAAGATTGGCTGGCCCA  
ATGCCCCCATCCTCATCCATGACTTTGAGATGCTCCCTCGAGAGGCTCCTGATCTGGTGTACAGAGGTG  
CTGCTCTGGAGAGGGGCTGCAGATCCCCACCCTCTCCCCACCCAGATTGCAGCCAGCCCCCTGGATGTG  
GTCCTCTCTCTGGATGGCTCTTCCAGCATTCAGCTTCTTACTTTGATGAAATGAAGAGCTTCACCAAGG  
CTTTTCATTTCAAGAGCTAATATAGGGCCCCGGCTCACTCAAGTGTGCGTGTGCAATATGGAAGCATCAC  
CACTATCGATGTGCTTGGAAATGTAGCCTATGAGAAAGTCCATTTACTGAGCCTTGTGGACCTCATGCAG  
CAGGAGGGAGGCCCCAGCCAAATTTGGGGATGCTTTGAGCTTTGCCGTGCGATATGTACCTCAGAAGTCC  
ATGGTGGCAGGCCCCGAGCCTCGAAAGCGGTGGTTATCTTAGTCACAGATGTCTCCGTGGATTCACTGGA  
TGCTGCGAGCCGAGGCCCGCCAGATCCAACCGAGTGACAGTGTTCCTCCATTGGAATCGGGGATCGGTACAGT  
GAGGCCCAGCTGAGCAGCTTGGCAGGCCCAAAGGCTGGCTCCAATATGGTAAGGCTCCAGCGAATTTGAAG  
ACCTCCCCACCGTGGCCACCTTGGGAAATTCCTTCTTCCACAAGCTGTGCTCTGGGTTTGATAGAGTTTG  
CGTGGATGAGGATGGGAATGAGAAGAGGCCCCGGGGATGTCTGGACCTTGCAGACAGTGCCACACAGTG  
ACTTGCCCTGCCAGATGGCCAGACCTTGCTGAAGAGTCACTCGGGTCACTGTGACCGGGGGCCAAAGGCTT  
CGTGCCCCAATGGCCAGCCCCCTCTCAGGGTAGAGGAGACCTGTGGCTGCGGCTGGACCTGTCCCTGTGT  
GTGCATGGGCAGCTCTACCCGGCACATCGTGACCTTTGATGGGCAGAAATTTCAAGCTGACTGGCAGCTGT  
TCGTATGTCTTATTTCAAAACAAGGAGCAGGACCTGGAGGTGATTCCTCCATAATGGTGCCTGCAGCCCTG  
GGGCGAAGGAGCCATGACTTCAATTCATTGAGGGATGGGACAGTACCGGCTCTCAGTTGAGCTCCACAGTGA  
CATGCAGATGACAGTGAATGGGAGACTAGTCTCCATCCCATATGTGGGTGGAGACATGGAAGTCAATGTT  
TATGGGACCATCATGTATGAGGTGAGATTCAACCATCTTGGCCACATCTTACATTACCCCCCAAAACA  
ATGAGTTCAGCTGCAGCTCAGCCCCAGGACCTTTGCTTCAAGACATATGGTCTCTGTGGGATCTGTGA  
TGAGAACCGAGCCAAATGACTTCATTCTGAGGGATGGGACAGTACCCACAGACTGGAAGGCACTCATCCAG  
GAATGGACCGTACAGCAGCTTGGGAAGACATGCCAGCCTGTCCCTGAGGAGCAGTGTCTGTCTCCAGCA  
GTTCCCACTGCCAGGTCTCTCTCAGAATTGTTTGGCGAGTGCCACAAGGTCTCTGCTCCAGCCACCTT  
TTATGCCATGTGCCAGCCCGACAGTTGCCACCCGAAGAAAGTGTGTGAGGCGATTGCCTTGTATGCCAC  
CTCTGTCCGACCAAAAGGGTCTGTGTGGACTGGAGGAGGGCCAATTTCTGTGCTATGTATGTCCACCAT  
CCCTGGTGTACAACCACTGTGAGCATGGCTGCCCTCGGCTCTGTGAAGGCAATAACAAGCTCCTGTGGGGA  
CCAACCTCGGAAGGCTGCTTCTGCCCCCAAAACCAAGTCATGCTGGAAGGTAGCTGTGTCCCGAGGAG  
GCCTGTATCCCAAGTGCATCAGCGAGGATGGAGTCCGGCACCAGTTCCTGGAAACCTGGGTCCCAGCCCCACC  
AGCCTTGGCAGACTCTGACGTGCTGCTCAGTGGGCGGAAGGTCACTGTACGTTGCAGCCCTGCCCAACAGC  
CAGAGCTCCCACTGTGGCCCGTGTGAAGTGGCCCGCCTCCGCCAGAACGACAGAGTGTGCTGCCCCGAG  
TACGAGTGTGTGTGACCTGGTGTGAGCTGTGACCTGCCCCCGGTGCTCCCTGCGAAGATGGCTCCAGA  
TGACCTTGACCAATCTTGGCGAGTGCAGACCCAACTTCACTGTGCTGAGGAAGGATGAATGCAGAGC  
GGAGTCCCGCCCTCTTGTGCCCCGACCGGACCGGCCCCCTTGGGAAGACTCAGTGTGTGATGAGTAT  
GAGTGTGCATGCAACTGTGTCAACTCCACGGTGTGCTGCTGGGGTACCTGGCCCTCGGCTGTCAACA  
ACGACTGTGGCTGCACCACAAACCTGCTTCCCTGACAAGGTGTGTGTCCACCGAGGCACCATCTACCC  
TGTGGGCCAGTTCTGGGAGGAGGCTGTGACGTGTGACCTGCACGACTTGGAGGACTCTGTGATGGGC  
CTGCGTGTGGCCAGTGTCTCCAGAAGCCCTGTGAGGACAACCTGCTGCGGGCTTCACTTATGTCTTCTC

ATGAAGGCGAGTGTGTGGAAGGTGTCTGCCATCTGCCTGTGAGGTGGTCATCGGTTTACCACGGGGCGA  
CGCCAGTCTCACTGGAAGAATGTTGGCTCTCACTGGGCCTCCCCTGACAACCCCTGCCTCATCAATGAG  
TGTGTCCGAGTGAAGGAAGAGGTCTTTGTGCAACAGAGGAATGTCTCCTGCCCCAGCTGAATGTCCCA  
CCTGCCCCACGGGCTTCCAGCTGAGCTGTAAGACCTCAGAGTGTGTCCACCTGTCACTGCGAGCCCT  
GGAGGCTGTCTGCTCAATGGTACCATCATTGGGCCGGGGAAAAGTCTGATGATTGATGTGTGTACAACC  
TGCCGCTGCACCGTCCAGGTGGGAGTCATCTCTGGATTCAAGCTGGAGTGCAGGAAGACCACCTGTGAGG  
CATGCCCCCTGGGTATATAAGGAAGAGAAGAACCAGGTGAATGCTGTGGGAGATGTCTGCCTATAGCTTG  
CACCATTAGCTAAGAGGAGGACAGATCATGACACTGAAGCGTGTGAGACTATCCAGGATGGCTGTGAC  
AGTCACTTCTGCAAGGTCAATGAAAGAGGAGAGTACATCTGGGAGAAGAGAGTCACGGGTTGCCACCTT  
TCGATGAACACAAGTGTCTGGCTGAGGGAGGGAAAATCATGAAAATTCCAGGCACCTGCTGTGACACATG  
TGAGGAGCCAGAATGCAAGGATATCATTGCCAAGCTGCAGCGTGTCAAAGTGGGAGACTGTAAGTCTGAA  
GAGGAAGTGGACATTCTATTACTGTGAGGGTAAATGTGCCAGCAAAGCCGTGTACTCCATCCACATGGAGG  
ATGTGCAGGACCAAGTGTCTCTGCTGCTCGCCACCCAGACGGAGCCCATGCAGGTGCCCTGCGCTGCAC  
CAATGGCTCCCTCATCTACCATGAGATCCTCAATGCCATGCAATGCAGGTGTTCCCCAGGAAGTGCAGC  
AAGTGAGGCCACTGCCCTGGATGCTACTGTGCGCTGCGCTTACCCGACCTCACTGGACTGGCCAGAGTGCT  
GCTCAGTCTCTCAGTCTCTCTCTGCTCTGCTCTTGTGCTTCTGATCCCAATAAAGGTCAATCTT  
TCACCTTGCAAAAA

>GBCA0340 |Acc|AB008451|Ver|AB008451.1 GI:2575866|Canis familiaris mRNA for erbB-2,  
complete cds.

ATGGAGCTGGCGGCTGGTGGCGTGGGGGCTCCTTCTCGCCCTCCTGCCCTCCGGAGCCGCGGGCACCC  
AAGTGTGCACCGGCACAGACATGAAGCTCCGGCTCCCGGCCAGTCCCGAGACCCACCTGGATATGCTCCG  
CCACCTGTACCAGGGCTGTCAAGTGGTACAGGGGAACCTGGAGCTCACTTACCTGCCTGCCAATGCCAGC  
CTGTCTCTTCTCAGGATATCCAGAGGTGCAGGGCTATGTGCTCATTGCTCACAGCCAAGTGAGGCAGA  
TCCCAGTGCAGAGGCTACGAATTGTGCGAGGCACCCAGCTCTTTGAGGACAACACGCCCTGGCCGTGCT  
GGACAATGGAGACCCGCTGGAGGGTGGCATCCCTGCACAGGGGCGGGCCAAAGGAGGGCTGCGGGAGCTG  
CAGCTTCCGAAGCCTCACAGAGATCCTGAAGGGAGGGGTCTTGATTACGCGGAGCCCGCAGCTCTGCCACC  
AGGACACGATTTTATGGAAGGACGTCTTCCATAAGAACAACCAAGCTGGCCCTCAGCTGATAGACACCAA  
CCGCTTTTTCGGCTGCCCCGCCCTGTTCTCCAGCTTGTAAAGACGCCCACTGCTGGGGGGCCAGCTCCGGG  
GACTGTCCAGAGCTTGACGCGGACTGTCTGTGCGGGGGCTGTGCCCCGCTGCAAGGGGCCACAACCCACCG  
ACTGTGCCACGAGAGTGTGCTGTGCTGCTGCACGGGCCCAAGCACTCTGACTGCCTGGCCTGCCCTTCA  
CTTCAACCAACAGTGGCATCTGTGAGCTGCACCTGCCCGGCCCTGGTCACCTACACACGGACACCTTCGAA  
TCCATGCCCAACCCCTGAGGGCCGATATACCTTCGGGGCCAGCTGTGTGACCTCCTGTCCCTACAACCTACC  
TGTCTACGGATGTGGGATCCTGCACCCCTGGTCTGTCCCTGAACAACCAAGAGGTGACGGCTGAGGATGG  
GACACAGCGGTGCGAGAAATGCAGCAAGCCCTGTCCCGAGTGTGCTACGGTCTGGGCATGGAGCACCTG  
CGAGAGGTGAGAGCGGTACCAGTGCAGAACATCCAGGAGTTTGCGGGCTGCAAGAAGATCTTTGGAAGCC  
TGGCATTTTTCCAGAGAGCTTTGATGGGGACCCAGCCTCCAACACTGCCCCCTACAGCCTGAGCAGCT  
CAGAGTGTTTGAGGCTCTGGAGGAGATCACAGGTTACCTGTACATCTCAGCGTGCCAGACAGCCTGCCT  
AACCTCAGTGTCTTCCAGAACCTGCGAGTAATCCGGGGACGAGTTCTGCATGATGGTGCCTACTCGCTGA  
CCCTGCAAGGGCTGGGCATCAGCTGGCTGGGGCTGCGCTCGCTGCGGGAACCTGGGCAGTGGGCTGGCCCT  
CATCCACCGCAACGCCCCGCTTTGCTTCGTGCACACGGTGCCTGGGACCAGCTCTTCCGGAACCCCCAC  
CAGGCCCTGCTCCATAGTGCCAACCGGCCAGAGGAGGAGTGCCTGGGCGAGGGCCTGGCCTGCTACCCCT  
GTGCCCATGGGCATGCTGGGGTCCAGGGGCCACCCAGTGCCTCAACTGCAGCCAATTCTCCGGGGGCCA  
GGAGTGGTGGAGGAATGCCAGTACTGCAGGGGCTGCCCGAGAGTATGTGAAGGACAGGTACTGTCTA  
CCGTGCCACTCAGAGTGTGAGCCCAAGATGGCTCAGTGACCTGTTTCGGATCGGAGGCTGACCACTGTG  
TGGCCTGCGCCCACTACAAGGACCCCTCCCTTCTGTGTGGCTCGCTGCCCCAGTGGTGTGAAACCTGACCT  
GTCCTTCAATGCCATCTGGAAGTTCGAGATGAGGAGGGCACTTGCCAGCCGTGCCCATCAACTGCACC  
CACTCCTGTGCGGACCTTGGCAGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
TTGCCGCTGTGGTGGGCATTCTGCTGGCTGTGGTCTGCTGGGCTGGTCTCTCGGCATCCTGATCAAGCGAAG  
GCGGCAGAAAGATCCGGAAGTACATATGCGGAGGCTGTGTCAGGAAACCGAGCTGGTGGAGCCGCTGACG  
CCTAGTGGAGCGATGCCCAACAGGCTCAGATCGGATCCTGAAAGAGACAGAGCTGAGGAAGGTGAAGG  
TGCTTGGATCGGAGCTTTTGGCAGAGTCTACAAGGGCATCTGGATCCCTGATGGGGAAAATGTGAAAAT  
CCCAGTGGCCATCAAAGTGTGAGGGAAAACACATCTCCCAAAGCCAACAAGAAAATCTTGACGAAGCA  
TATGTGATGGCTGGAGTGGGCTCCCGTATGTGTCCCGCCTCCTGGGCATCTGCCTGACATCCACGGTGC  
AGCTGGTGACACAGCTTATGCCCTACGGCTGCCTCTTAGACCATGTCCGAGAACACCGTGGGCGCCTGGG  
CTCCAGGACTTGTGTAACCTGGTGTGTGCAATTGCCAAGGGGATGAGTACTTGGAGGATGTCCGGCTG  
GTGCACAGGGACCTGGCTGCCCGGAATGTGCTGGTCAAGAGTCCCAACCATGTCAAGATTACAGATTTTCG  
GGCTGGCTCGTGTGCTGGACATCGACGAGACAGAGTACCATGCGGATGGGGGCAAGGTGCCCATCAAGT

GATGGCGCTGGAGTCCATTCTCCGCGGCGGTTCACCCACCAGAGTGATGTGTGGAGCTATGGTGTGACT  
GTGTGGGAACTGATGACTTTTGGGGCCAAACCTTATGATGGGATCCCAGCCGGGAGATCCCTGACCTGC  
TGGAGAAGGGGGAACGGCTGCCCCAGCCCCCATCTGCACCATTGATGTCTACATGATCATGGTCAAGTG  
CTGGATGATAGACTCTGAATGCCGACCCCGGTTCCGGGAGTTGGTGGCCGAATTCTCACGTATGGCCAGG  
GACCCCCAGCGCTTTGTGGTCATTGAGAATGAAGACTTGGGCCCCGCCAGCCCCCTTGGACAGCACCTTCT  
ACCGTTCACTACTGGAAGATGATGACATGGGGGACCTGGTGGATGCTGAGGAGTACCTGGTACCCAGCA  
GGGTTTCTTCTGCCAGAACCTACCCAGGGGCTGGGGGCACTGCCACCAGCGCACCGCAGCTCATCC  
ACCAGGAATGGCGGTGGTGAAGTCTAGGACTGGAGCCCTCCGAGGAGGAGCCCCCAAGTCTCCAC  
TGGCACCTCAGAGGGCGCTGGCTCTGACGTGTTTATGGTGAATTGGGGAGCCAGGGGGCT  
GCAGAGCCTTCCCTCACAGGACCCAGCCCTCTCCAGCGGTACAGTGAGGACCCTACGGTACCCTTGCCC  
CCTGAGACTGATGGTAAGGTTGCCCCCTGACCTGACGCCCCAGCCTGAATATGTGAACCAGCCAGAAG  
TTTGGCCGAGCCCCCTTGCCTTAGAAGGCCCTTGCCTCCTTCCCGACCGGCTGGTGGCACTCTGGA  
AAGGCCCAAGACTCTGTCCCCAAGACTCTCTCCCTGGCAAGAATGGGGTTGTCAAAGACGTTTTTGCC  
TTTGGGAGTGCTGTGGAAATCCGGAGTACCTGCCCGGGGAGAGCTGCCCTCAGCCCCACCCCTC  
CTCCAGCCTTCAAGCCAGCCTTTGACAACCTGTATTACTGGGACCAGGATCCATCAGAGCGGGGCTCTCC  
ACCCAGCACCTTTGAAGGGACCCCTACAGCAGAGAACCCTGGAGTACCTGGGGCTGGACGTGCCAGTGTGA  
>GBCA0341 |Acc|X99144|Ver|X99144.1 GI:1429315|C.familiaris mRNA for C5FW protein.  
ATGAACATACACAGCTACCCCATCACAAATAGCAAGATATGGGAGATCGCGGAACAAAACCCAGGATT  
TCGAAGAGTTGTGCTCTATAAGGTCGCGGAGCCAGCCAGAGTTTTCAGCCGAACCTCGGCTCCCCGAG  
CCCGCCGAGACTCCGAACCTTGTGCGATTGCGTTTCTGTCATCGGGAAATACCTTATTGTTGGAACCTCTG  
GAGGGAGACACGTTTTTCTGCGCTGCATCTGCACAGTGGGGAGGAGCTGGTGTGCAAGGTGTTGCGATA  
TCAGCTGCTACAGGAATCCCTGGCCCCGTGCTTTTGCCTGTCTGCCACAGCAACATCAACCAATCAC  
CGAAATTATCCTGGGGGAGACCAAGCCTATGTGTTCTTTGAGCGAAGCTATGGGGACATGCATTCATTT  
GTCCGCACCTGCAAGAAGCTGAGGGAGGAGGAGGCGGCCAGACTGTTCTATCAGATTGCATCGGCCGTGG  
CCCCTGCCACGACGGGGGGCTGGTGTACGGGACCTGAAGCTGCGGAAGTTTCATCTTTAAGGACGAAGA  
AAGGACTCGGTCAGGCTGGAAGCCTGGAAGATGCCCTACATCCTGCGGGGGATGACGACTCCCTCTCC  
GACAAGCAGCGCTGCCCCGCTTACGTAAGCCCTGAGATCTTGAACACCAGTGGCAGCTACTCGGGCAAAG  
CAGCCGACCTGTGGAGCCTGGGCGTGATGCTCTACACCATGTTGGTGGGGCGGTACCCTTTCCATGACAT  
TGAGCCAGTTCCCTCTTACGCAAGATCCGGCGTGGCCAGTTCAACATTCAGAGACTCTGTACCCCAAG  
GCCAAGTCCCTCATCXAAGCATCTGCGGCGGGAGCCCTCAGAGAGGCTGACCTCGCAGGAATTTCTGG  
ACCATCCTTGGTTTTCTACAGATTTTAGCGTCTCGAATTCAGGATATGGTGTAAAGGAAGTGTCTGATCA  
GCTGGTGCCGGATGTCAACATGGAAGAGAACTTGGACCTTTCTTTAACTGA  
>GBCA0342 |Acc|U89842|Ver|U89842.1 GI:2564100|Canis familiaris gelatinase B mRNA, partial  
cds.  
CACTACCCTCACCATGAGCCCCAGGCAGCCCCCTGGTCTGGTGTTCCTGGTGCTGGGCTGCTGCTCTGCA  
GCTCCCAGACCACACAAGCCCACCGTTGTGGTCTTTCCAGGAGACCTGAGAACTAATCTCACTGACAAGC  
AGCTGGCAGAGGAATATCTGTTTCGCTATGGCTACACTCAAGTGGCCGAGCTGAGCAACGACAAGCAGTC  
CCTGAGTCGCGGGCTGCGGCTTCTCCAGAGGCGCTGGCTCTGCCTGAGACTGGAGAGCTGGACAAAACC  
ACCCTGGAGGCCATGCGGGCCCCGCTGCGGCGTCCCGGACCTGGGCAAAATCCAGACCTTTGAAGGGG  
ACCTCAAGTGGCACCACAACGACATCACTTACTGGATACAAACTACTCGGAAGAATTGCCCCGCGACGT  
GATCGACGACGCTTTGCCCCGACCTTCCGCGTCTGGAGCGCGGTGACGCCGCTCACCTTCACTCGCGTG  
TACGGCCCCGAAGCCGACATCATCTCAGTTTGGTGTAGGGAGCACGAGATGGGTATCCCTTCGATG  
GGAAGAACGGGCTTCTGGCTCACGCCCTTCTCCCGGCCCCGACCTTCAAGGAGACGCCCACTTCGACGA  
CGAGGAGTTATGGACTCTGGGCAAGGGCGTCTGGTTCCGACCCACTTCGGAACGCGAGATGGCGCCCCC  
TGCCACTTCCCCTTACCTTCGAGGGCCGCTCCTACTCGGCCTGCACCACGACGGCCGCTCCGATGACA  
CGCCCTGGTGCAGCACACGGCCGACTATGACACCGACCGTCCGTTCCGGCTTCTGCCCCAGCGAGAAAT  
CTACACCCAGGACGGCAATGGGGACGGCAAGCCCTGCGTGTTCGTTTCACTTCGAGGGCCGCTCCTAC  
TCCACGTGCACCACCGACGGCCGCTCGGACGGCTACCGTGGTGTCCACCACCGCCGACTACGACCAGG  
ACAACTCTACGGCTTCTGCCCCAACCAGAGTCGATTCGCGGCTGACCGGGGGCAACTCCGCCGGGGAGCC  
GTGTGCTTCCCCTTCACTTCTCTGGCAAGCAGTACTGACGCTGCACCAGGAGGGGCCGCGGAGATGGG  
CACCTCTGGTGCAGCACTTCGAACCTTTGACAGGACAAAGAAGTGGGGCTTCTGCCCGGACCCCGGAT  
ACAGCCTGTTCTTGTGGCCGCCCCATGAGTTTCGGCCACGCGCTGGGTTTAGATCATTATCGGTGCCAGA  
AGCGCTCATGTACCCCATGTACAGCTTACCGAGGGCCCCCCCCCTGCATGAAGACGACGTGAGGGGCATC  
CAGCATCTGTACGGTCTCGCCCTGAACCTGAGCCACAGCCTCCAACCGCCCCGCCCCACCGCCCCGCCCA  
CCGCTCTGCGCTACTGGTCTCTCCACACCCGCCCCCTCAGAGCGCCCCACTGCTGGCCCCACAGGCCCCCC  
TGCAGCTGGCCCCACGGGTCCCCCACTGCTGGCCCCCTGAGGGCCCCCTACAGTGCCTGTGGATCCGGCA  
GAGGATATATGCAAGTGAACATCTTCGACGCCATCGCGGAGATCAGGAACCTACTTGCATTTCTTCAAGG

AAGGGAAATACTGGCGATTCTCCAAGGGCAAGGGACGCCGGGTGCAGGGCCCCCTTCCTTATCACCGACAC  
 GTGGCCTGCGCTGCCCCGCAAGCTGGACTCCGCCCTTTGAGGACGGGCTCACCAAGAAGACTTTCTTCTTTC  
 TCTGGGCGCCCAAGTGTGGGTGTACACAGGCACGTCGGTGGTAGGCCCGAGGCGTCTGGACAAGCTGGGCC  
 TGGGCCCCGAGGTTACCCAAGTCACCGGCGCCCTCCCGCAAGGCGGGGGTAAGGTGCTGCTGTTTCAGCAG  
 GCAGCGCTTCTGGAGTTTCGACGTGAAGACGCAGACCGTGGATCCCAGGAGCGCCGGCTCGGTGGAACAG  
 ATGTACCCCGGGTGCCCTTGAACACGCATGACATCTTCCAGTACCAAGAGAAAGCCTACTTCTGCCAGG  
 ACCGCTTCTACTGGCGTGTGAATTCTCGGAATGAGGTGAACCAGGTGGACGAAAGTGGGCTACGTGACCTT  
 TGACATTTTGCAGTGCCCTGAGGATTAGGTTTCAGCACTGCAGAGTGGATCCTATAGGGATGGTCCCAATG  
 GGGAGGGAGCCATTGCGCGACACAACTGGTGGGTTTTGTTCTGGAGGACAAGGAGAGTTGAGGTGGGCT  
 GGGCTGGGCCCCCTTTCCACCTTCTTTTGTCTGGATGTTTTTAATAAATTT  
 >GBCA0343 |Acc|Z81018|Ver|Z81018.1 GI:1628359|C.familiaris mucin-type membrane protein  
 gp40.  
 GTCAGCTCGGCGGGCGGGCTGCGGGAGGAGGAAGCTTGGGGACCCCTGGGCGCCGGGGCTCCTGCTCCCC  
 GCGGCCCTTCCAGCCCTCTTCCCTGGCTCCCGGGGCTGGGCCCTGGCCGACAGCTTGGACCCCCGAGC  
 GCGGAGACAACCGCTGGCCCCAGGGGACCGGGGACCGGACGAGATGTGGAGGGTGCCAGTCCCTGCTCTT  
 GGTTTTGGGCGGCGGGGGCTCCGGGTCCCGGCAGCAGGAGCCAGCACAGTCCGGCCAGATGACATAATA  
 CCAGGTGTAGAAGACAGCGTGGTGACCCAGGCACAGAAGACAGCGTGGTGACGCCAGGCGCAGAAGATA  
 ACGTGGTGACTACGCTGCCACTGAAGAGCCTTATGAGTCTGGCTTAACCCCTCTGGTGACAAAAAATAC  
 AGAGAGTGTAAACGACTTACACTTAGAGGATGGGCGGACTCAAGAAAGCACAGTCCATGCCAAAGAAGAG  
 AGCCAGAGCACCACAACCTTGAATGTAGTGACTAGTCACTCCAGAGAGAAAGTAGGTGAAGACACCGAGA  
 CAACGGTTGAGAAAGATGGCCTGGCAACAGTGACCCTGGTTGGGATCATAGTTGGAGTCTTACTAGCCAT  
 TGGATTCAATGGTGGGATCATATTGTGGTTGCTCGAAAAATGTCAGGAAGGTACTCGCCCTAAAGAGCT  
 GAAGAATTGTGCCCTTCTACCAACACATTTAAAGAGAGTTTCCGACTTCCCCGTCCCCAAGCATGTGGG  
 AGAAGATGACCCATGGAAATGCTTGGCGATCCCACTACCAATCCATGGTGATCCCTCCACTTACCAAAA  
 GTAACCCAAGGGAAGACAGTTTCAAGACTTGCTCCTCTAGGCAGGCATCTGTCTTCTGAAAATGTTTT  
 TAAATATAAATTTGCAAAAGAGGATTCAAAAGACAAATGCCTAGAAAAATGGAGCAAAACCACGTAAAC  
 TGATTTGTAACTAAGACAATATAATTTAATTGATGTTAGAAATTATGCTCCCATCTCCGTTCTGACCAAT  
 CTCTCGTATTGTTAAATGCAATCAAGCCTGGAAATATTTATACCAGTGGAGCCCTTGAGTTGAGTGCGA  
 CGTTCATAAACAGCAGAAGCATTTTGAATTTCCGATCTGTTGAAATGTACACATTTCAATCTGGCCTGC  
 TTTTAAAGCCTAACTCATGTGAATAATCAAAATAGAAAAATCTAACTTGTAATAATGTAATGACCA  
 ACTGCCTTTCCCTGGCCAGATAAAATTTCAAAGGCGCCGTGTTAGGTCCATAAACCGGGGAAGCTCT  
 ATGGTTTGGGAGAAANGGATTTGTTTATCCGCCAATAAGGTCCATCCGGGGGCANGCTCCTAAGGCTTGC  
 TTTATTGCCTTCTCCAGCGGAATGGGCTTTGGGTGGAACCTCAAANGGCTTTGCTCCCCCGGCCCTTG  
 CCGGCCCTTCCCTCCNTTCCCTCCCAAGAAACGAAATGGGGGGAANCCCCAAAAACCTC  
 >GBCA0344 |Acc|X99115|Ver|X99115.1 GI:1770160|C.familiaris mRNA for cAMP-responsive  
 element modulator, CREM.  
 ATGACCATGGACACAATGGAATCTCAGCAGGATGGAAGTGAACAGATTCTGTGGCAGAGAACGAATCTG  
 CACATATGCAGAACCAAGACTGGTCAAAATTCATCCCTACTTTAACTCAGGTTTCTGTAGCTGGATCAGG  
 CACCGGAAGAGGCTCCCCAGCTGTAACCTTAGTACAGTTACCTTCGGGCCAAACTGTTTCATGTCCAGGGA  
 ATAATTCAGACACCACAGCCATCGGTTATTAGTCAACCAAAATACAAACTGTTTCAGGTAGCAACAATTG  
 CAGAGACAGATGAGTCTGCAGAAATCAGAAGGTGTAATTGATCTCATAAACGTAGAGAAATCCTTTACAG  
 AAGACCTCTTATAGAAAAATACTGAATGAATTTCTCTGATGTGCCTGGTGTTCCTCAAGATTGAAGAA  
 GAAAAATCAGAGGAAGAAGGAACGCCACCTAACATCGTACCATGGCAGTACCGACTAGCATATATCAGA  
 CTAGCACGGGGCAATACATTGCTATAGCCCAAGGTGGAACAATCCAGATTTCTAACCCAGGATCTGATGG  
 TGTTCAGGGACTACAGGCATTAACAATGACAAATTCAGGAGCTCCTCCACCAGGTGCTACAATTGTACAG  
 TATGCAGCACAAATCAGCTGATGGCACACAGCAGTTCTTTGCCAGGCAGCCAGGTTGTTGTTCAAGATG  
 AGGAAACTGAATGTCGCCCAAGTCAGATGGCTGCCGCCACTGGTGACATGCCAACTTACCAGATGCTGCT  
 TCCTACTACTGCATTGCCACAGGGAGTAGTGATGGCTGCCCTGCCAGGAAGTTTGCACAGTCCCCAGCAA  
 CTAGCTGAAGAAGCAACACGCAACGAGAGCTGAGGCTAATGAAAAACAGGGAAGCTGCCCGGGAGTGTC  
 GCTGGAAGAAGAAAGAAATATGTCAAATGTCTTGAATTCGTGGCTGTGCTTGAAAAACAAAACAAGAC  
 TCTCATATGAGGAACTCAAAGCCCTCAAAGATCTTTATTTGCCATAAAGCAGAGTAAGTGTCTTTGACTTGG  
 ACCTTGTTTACTGTGAATCTAATCAAGGCAGGAGATGCAGCAATTCTACTAATTGCCATGTGGACTTGT  
 GGAAGGGACACTTGTGACCTTGGAGATCCAGTGTGGCTTAGTGTGTTGACATTGAATTGGGTATGCTGTT  
 CCAAGATTGGAATGCAGCCATGATCAGATTTACCAAGCTTACTTCAGTCTGCTTGTCAATAGCAGCGAA  
 AAAAAATGTTTTTTTGCCTTCTACTTTTTTTTTCAGGGAAGCTGCTAAAGAATGTGCGACGTCGA  
 AAGAAAGAATATGTAATATGTCTGGAGAGTTCAGTGTGAGTGTGGAAGTTCAGAACAAGAAGCTCATAG  
 AGGAACCTCGAAACTTTGAAAGACATTTGCTCTCTCAAACAGATTAGTAGAAATATTTAA

>GBCA0345 |Acc|U63897|Ver|U63897.1 GI:2231231|Canis familiaris vascular anastomotic upregulated protein mRNA, partial cds.  
TGCCGAGCTGAGTGTAAGTCCAGGAAGCAATGTGGTGCAGTATAAAGAGTCTTGACTTTAGCCACTTG  
TAGGGAGGCTTGCAGCCTAGTCTGCCAAGCTTTGTACCTTCGCAGCCTCTAACAAGTCACTTAGGTCTGT  
GAGCCTTCGTTTCCTCATTTAAGATGGATAATACCTCCTACCTAAGGTTGTTATGAGGTCTAAATGCACC  
GTGTTAGACAGGGTTACCTGTATGTTGTAGGTGCTCAGCAAATGTCAGGTACTTGCTATAGGGCTAAGC  
AGAAACAGACACCCAATCTACAGACGTGCGCTGAGATTTAAGGTAGGTGTAAGAGAATCCCGACCAAAAG  
AGGAATTAAGAGGCAGAGAACAGTGTAAAGTCCCTGTACAAGACTTGGAAGAAGTAGGTATACATGACAA  
ATACTACTGGGAATGTTGGCTATTTAGATGTGAAGGACAGGGTGCTTCCTGGGTTTTTAAACAACCTTGT  
TTGGGGAAAACCTGAATCCAAGGGCCAAAAAATATGTTTCCACCTCCGCCCTTTGTTACTTCCTCCATCA  
>GBCA0346 |Acc|U63896|Ver|U63896.1 GI:2231229|Canis familiaris vascular anastomotic upregulated protein mRNA, partial cds.  
TGCCGAGCTGGAACATCAACCTTGGACAAACCACTACTTGAATTGGATGGCTATTGCGAAGAATTCAA  
TATCGCATTTGAACATTGAGGAGCATATTGCAACTGACTAGAAGAAATGGCATCAAGGATCTTGCT  
TATCAAAAATTCAGGATGAGCAAAAGAAGAAAACTGCAAAAGGCATGGTGTGCTTAATCAATATAC  
CCATCCTCGATGAAGGTGTAAGGAATGACTTCGATACACTCTTTAGTCATGTTTGCATTGTTGCCCTAG  
AAGTGGATTGGATATGAATTTACCCCATCTCAAATTCAGGAAGTGAAGCATGAGGTTCTACAAATCATCT  
CCACCTAACAGCTCGGCAAA  
>GBCA0347 |Acc|U63829|Ver|U63829.1 GI:2231227|Canis familiaris vascular anastomotic upregulated protein mRNA, partial cds.  
TGCCGAGCTGACACCAAAACCTGGATGCTCAACCGACTGAGCCACAGAGGTGCCTCTGAGGGGAGTGCCA  
TTATTTTACATGGGGATTCTAATGTTCTAAGGGTAAACCAAGGTTCAAGGGAAACCCCTATTTCATCAGACAA  
AGTGCCAGCCTGAGGCATACCAGATCCGGCAGTTCTAAAACCACTCCACCATAAACTATTTTTTTACTN  
CAGGCAAAACCTTTATCACCTCAAACCTCCCTCCTGAAAATGAAAAAAATTAAGAACTTTTCCACTTA  
CCTCCATTACCTCCTTAATCAAAAAACAATTCCTCCGAACACCCCTCTCCCGTTCTCCCAAGCTATTC  
CCAAAATGCCCCCTGCAGTCTACTCCTGCCTCTCCCTCTGCAGCTCGGCAA  
>GBCA0348 |Acc|U83905|Ver|U83905.1 GI:2224908|Canis familiaris rod photoreceptor cGMP-gated channel alpha-subunit (CNGC1) mRNA, complete cds.  
AATTCCGACAGAGTGATTCCGAAAACCTAGCCATTGCACATGTCTAAAGAAAGGGAAAAGATCAACGTATT  
TATTTTAAAAAAGTCAGGACTGGATTTTGACAATGTCAAGATTACACTATATCCCTGTTTATTTTGG  
ATACACCACTGACTTCCGTTTCTAGAAAGACACAGATATATTGCCTAAGCAACCAAGATATTAAGTAAC  
CATGAAGAAAAATATTATCAATACATGGTACTCTTTTGTAAACATTCCCAATGTGATTGTTCCAGATATT  
GAAAAGGAAATAAGAAGGATGGAAAATGGGGCACGCAGCTCCTTTTCTGATGATGATGGTGTATGATGACA  
GTGCTTCCATGTTTGAAGAAATCAGAGAATGAACCCCATGCAAGGGATTCTGTAGAAAATACTCACA  
GAGAAGGGATCCATCACAGAGGGAACAGTACCTGCCTGGTGCCATCGCGCTTTTCAATGTTAACAATAGC  
AGCAATAAGGAGCAAGAACCAAAAGAAAAAGAAAAAGAAAAAGAAAAAGAGAGCAAAATCAGGAGATA  
AAAATGAAAATAAAAAGGACTCAGAGAAGAAAAAGAAAAAGAAAAAGAAAAAGAGAGAAAAATAAAGA  
GGAAAAGGCCAAAGATAAGAAAAGAGAGGAGAAGAAAGAGGTGATGTTTATGATCCTGCAGGAAACATG  
TACTATAACTGGCTGTTTTGCATCACTTTACCTGTTATGTACAACCTGGACTATGGTTATTGCAAGAGCAT  
GTTTTGATGAACCTTCAGTCTGATTACCTAGAAATATTGGATCATTTTTTGATTACCTATCAGATATAGTCTA  
TCTTCTTGATATGTTTGTACGAACAAGGACAGGTTACTTAGAACAAGGACTGCTGGTGAGGGAGGAGGCT  
AAGCTCATAGAGAAATATAAATCAAACCTTGCAATTTAAGCTTGTATTTTCTATCAGTAATACCAACTGATC  
TGCTGTATTTTAAAGCTGGGGTGGAACTATCCAGAAATTAGATTAAACAGACTATTAAGGATCTCTCGAAT  
GTTTGAGTTCTTCCAGAGAACAGAAACAAGAACAACTACCCAAATATCTTCAGGATTTCCAACCTTGTT  
ATGTATATCGTCATCTATCCACTGGAATGCATGTGTTTACTTCTCTATTTCCAAAGCTATTGGATTTG  
GAAATGATACCTGGGTGATTCTGACGTTAACGATCCTGAATTTGGCCGTTTGGCTAGAAAATATGTATA  
CAGCTTGTACTGGTCTACACTGACTTTGACCACAATTTGGTGAAACACCACCTCCCGTGAGGGATTCTGAG  
TATGTCTTTGTGGTGGTTGATTTCTTAATCGGAGTGTTAATTTTGTCTACCATCGTTGGTAACATAGGTT  
CTATGATTTCCAACATGAATGCTGCCAGGGCAGAAATTTCAAGCAAGAATTGATGCAATCAAGCAATATAT  
GCATTTCCGAAATGTAAAGAAAGATATGGAAGAAAGAGTTATCAAAATGGTTTCGACTATCTGTGGACCAAC  
AAAAAACAGTTGATGAGAAAGAAGTCTCAAGTATCTACCTGATAAGCTGAGAGCAGAGATCGCCATCA  
ACGTTCACTTAGACACTTTAAAAAAGGTGCGCATTTTTTGGCGACTGTGAAGCTGGGCTGTTGGTGGAATT  
GGTCTTGAAATTACAACCCCAAGTCTACAGTCTGGAGATTACATTTGCAAGAAAGGGGATATCGGACGA  
GAGATGTACATCATCAAGGAAGGCAAACTTGCTGTGGTGGCAGATGATGGAATCACTCAGTTCGTGGTCT  
TGAGTGATGGCAGCTACTTCGGCGAGATCAGTATCCTTAACATTAAGGTAGCAAGCTGGCAATCGAAG  
AACAGCCAATATTAAGATATTGGCTACTCAGATCTGTTCTGTCTCTCAAAAGATGACCTCATGGAAGCT  
CTAACTGAGTACCCAGATGCCAAAACCTATGCTAGAAGAGAAGGGAAAGCAATCTTGATGAAAGATGGTC

TACTGGATATAAATATTGCAAAATGCTGGAAGTGATCCTAAAGACCTGGAAGAGAAGGTCACCCGAATGGA  
GGGATCAGTAGACCTCTTGACAGACAAGGTTTGTGCGGATCCTGGCTGAGTATGAGTCAATGCAGCAGAAA  
CTGAAGCAAAGATTAAACCAAAGTTGAGAGATTTCTGAAACCAATTATTGACACAGAATTTTCAGCTCTTG  
AAGGAACGGGAGATGAAAGTAGGCCCTGGACTCCACACAGGACTGAGAAGCCGGTCATTAACAAGGACG  
TGCCCTCATGATCCTTTTGGTTTAGGCAACTCTAAATTGGAAGAAGAGGGAGATTGAGCTGGGGGAGTGTT  
TCCATAAGGAAAAATGGGCTTTGGTGCAGTATACAGGCCCGCGCACCCACTTGGGAGGTACTGTGATTAA  
CAATCATCGTCCTTAGGATTTTTCAGAGTGGATAATGTGCAAAGATATAGAATGATTAAGTTGTGAGTAT  
CTACATTTTCTGATTTTTTTCATATATGCTCCTTTATGTAATACTCTATAAAAGCGAACAAGTATCCCT  
CACTTTCAGGCATTTTACATTGTGGAGGAGCAGCTGGGAATTACCATGTATGTGTCATGTTTCAGGATACCAT  
TTTAAAAAGGATTAGAATGCAATAAAGTAAATAAATCCTAAAAA  
>GBCA0349 |Acc|D29807|Ver|D29807.1 GI:2182132|Dog mRNA for phenol sulfotransferase,  
complete cds.  
AGCAGAAAGTAGTCAGGAGGCCAAGACCCAAAGAGATCTGGCAAGTAGACCACACTCTGGTCCCTTGACGC  
AGCATGGAGGACATTTCCCGACACCTCGCGCCCACTGAAGTATGTGAAGGGGATCCCTCTAATCAAGT  
ACTTTCAGAGGCACTGGAGTCACTGCAGGACTTCCAAGCTCAGCCTGATGACCTGCTTATCAGCAGCTA  
CCCCAAATCTGGCACCCTTGGGTGAGCGAGATCCTGGACATGATCTACCAAGACGGTGATGTAGAGAAG  
TGTGCGAGGGCCCGCTTTCATCCGGGTACCTTCTTGAAGTCAAGGCTCCAGGGATTCCACAGGTT  
TGGAGGTTCTAAAGATACACAGCCCCACGACTCATCAAGACACACCTGCCCCCTGGCCCTGCTCCCCCA  
GACCTTGTGGATCAGAAGGTCAAGGTGGTCTACGTCGCCCCGCAACGCAAAAGATGTAGCTGTCTCCTAT  
TACCACTTCTACCGCATGGCCAAGGTGCACCTGACCTGACACCTGGGACAGCTTCTCGGAGAAGTTCA  
TGGCTGGGGAAGTGTCTATGGGTCTGGTATCAGCATGTGCAGGAATGGTGGGAGCTGAGTCACACTCA  
CCCTGTTCTCTACCTCTTCTATGAGGACATGAAAGAGAACCCAAAAGGGAGATTGAGAAGATCCTGAAG  
TTTGTGGGGCGCTCCCTGCCAGAGGAGACTGTGGATCTCATTGTCCAGCACACGTCTTTCAGGAGATGA  
AGAACAACCTCCATGGCTAATACACACCTTATCTCCTGACATCATGGACCACAGCATTCTGCTTCAT  
GAGGAAAGGCATCTCGGGGACTGGAAGACCACCTTCACTGTGGCCAGAATGAGCGCTTTGATGCCGAC  
TATGCCAAGAAGATGGAGGTTGTGGCCTCAGCTTCCGCACACAGCTGTGAGCAGTGCCCCCAGGAGGCA  
CCCAAAGGCCCCGTGCTCTGACACAGCCAGCCCCAGCTTCAAAAATAAAATTCCATTGGTATT  
>GBCA0350 |Acc|D45070|Ver|D45070.1 GI:633051|Dog mRNA for zona pellucida 3 glycoprotein,  
complete cds.  
GGTTACCAAGTGGGAGTGACTGGAGGAGCTATGGGGCTGAGCTATGGAATTTTCACTGTTTCTGCTCCT  
GGGAGGCATGGAGCTGTGCTGCCCCAGACCATCTGGCCAACTGAGACCTACTACCCATTGACATCTAGG  
CCCCAGTAATGGTGGACTGTCTGGAGTCCCAGCTGGTGGTCACTGTGAGCAAAAGACCTTTTGGTACTG  
GGAAGCTCATCAGGCCAGCAGACCTCACCCTGGGTCCAGAGAAGTGTGAGCCCCCTGGTCTCCATGGACAC  
GGATGATGTGGTCAAGTTTGGAGTTGGGCTGACAGAGTGTGGCAGCAGGGTGCAGGTGACTGACAATGCT  
CTGGTGTACAGCACCTTCTGATCCACAGCCCCCGCCCTGCGGGCAACCTGTCCATCCTGAGAATAATC  
GTGCCGAGGTCCCCATCGAGTGCCACTACCCAGGCCACAGCAATGTGAGCAGCCAGGCCATCCTGCCAC  
TTGGGTGCCCTTCAGGACCACAATGCTCTTCGAGGAGAAGCTAGTTTCTCTCTCCGCCAATGGAGGAG  
GACTGGGGCTCCGAGAAGCAATCCCCACATTCAGCTGGGAGACATAGCCCCACCTCCAGGCTGAAGTCC  
ACACTGGCAGCCATATGCCACTGCGACTTTTGTGGACCACTGTGTGGCCACGCTGACACCAGATCGGAA  
TGCTTCCCTCATCAGAAAATTTGTGGACTTCCATGGCTGTCTTGTGGATGGTCTCTACAAATTCCTCTTCA  
GCCCTCAAAGCCCCAGACCCAGGCCAGAGACTCTTCAAGTTCACAGTGGATGTTTTCCACTTTGTCAAGG  
ACTCAAGAAACACGATCTATATACCTGCCATCTGAAGGTCACTCCGGCTGACCGAGTCCCAGACCAGCT  
AAACAAAGCTTGTTCCTTCATCAAGTCTACCAAGAGGTCTACCTGTAGAAGGCTCGGCTGATATTTGT  
CGCTGTTGTAAACAAAGGCAGCTGTGGCTTCCAGGCCGGTCCAGGAGGCTGTCCACCTAGAGAGAGGGT  
GGCGCAGGTCTGTTTCCCACTAGAAATCGCAGGCACGTGACTGAAGAAGCAGAGATCACCGTGGGGCC  
TCTGATCTTCTGGGAAAGGCTAGTGATCATGGTATAGAGGGGTCAACCTCTCCTCACACCTCTGTGATG  
TTGGGCTTAGGCCTGGCCACGGTGGTATCCCTGACTCTAGCTACCATTTGTCTGCTGCTGCTGCAAGAGGC  
ATCGTACTGCTTCCACCTGTGATATGCCCTGCATCTGTCTCCAATAAAGAATAAGC  
>GBCA0351 |Acc|Z75156|Ver|Z75156.1 GI:1770164|C.familiaris mRNA for rod transducin gamma  
subunit.  
GACCATTCATAAGAAATCAGTTATCATAGAAAGCTAAAGCAAAGAAACAGTTCACCTTACAGGCAAAAGAT  
GCCAGTGATTAATATTGAGGACTTGACAGAAAAGGACAAATTGAAGATGGAAGTTGACCAGCTCAAGAAA  
GAAGTGACCCTGGAAGAATGCTGGTCTCCAAATGTTGTGAAGAAGTAAGGGATTATGTTGAAGAAGAT  
CTGGGGAAGATCCACTAGTAAAGGGCATCCAGAGGACAAAATCCCTTCAAGGAGCTCAAAGGAGGCTG  
TGTGATTTTATAAGAAAAAAGTTCCCTGGAATAGCTTGAAGTTTAAATGACAGTACTAATTTTGGTCT  
ATCTATAATAATATATTAAGCATTACATAACCTTTTAATTTAATAATATAAATTTAATAAAATTTG  
GGATGTGATAATGAAAAA



>GBCA0352 |Acc|U50746|Ver|U50746.1 GI:2130524|Canis familiaris survival motor neuron protein (SMN) mRNA, complete cds.

ACGATGGGCGGAGGCGGGCTGCCGGAGCCCGAGGACTCGGTGCTGTTCCGGGCGGGCACTGGCCAGA  
GTGATGATTCTGACATTTGGGATGATACAGCATTGATAAAAGCTTATGATAAAGCTGTGGCTTCATTTAA  
GCATGCGCTAAAGAATGGTGACATTTCTGAAGCTTCAGATAAACCAAAAGCACACCTAAAAGAAAGCCT  
GCTAAGAAGAATAAAAGCCAAAAAAGAATGCTACCACAGCCCTGAAGCAGTGGAAAGTTGGTGACAAAT  
GTTCTGCTGTTTGGTCAGAAGACGGGTGCATTTACCCAGCTACCATTGCTTCAATTGATTTTAAGAGAGA  
AACCTGCGTGTGTGGTTTATACTGGATATGGAAATAGGGAGGAGCAAAATGTGTCTGATCTACTTTCCCA  
GCCTGTGAAGTAGCAATAATGTAGAACAGGATACTCAGGAGAATGAAAATGAAAGTCAAATTTCAACAG  
ATGAAAGTGAGAACTCCTCCAGGTCTCCTGGAAATAAACCAATAACATCAAGTCAAAGCTGCTCCATG  
GAACTCTTTCTCCCTCCACCACCCCAATGTGAGGATCGGGACTGGGACCAGGAAAGCCTGGTGTA  
TTCACTGGCCACCACCCACCTCCACCACCCACTTCCCTATCATGCTGGCTGCCTCCATTTCCCTCTG  
GACCACCAATAATTCCTCCACCACCTCCGATATGTCCAGATTCTCTTGATGATGCTGATGCTTTGGGAAG  
TATGTTAATCTCTTGGTACATGAGTGGCTATCATACTGGTTACTATATGGGTTTCAAACAAAACCAAAAA  
GAAGGAAGTGCTCACACTTCAATTAAGGAATTCAGGTGCAGCTCTCTCCCAAGGAGAATGGTATTTGA  
TGCGCCACGGTCAATGTGAACAAATTTTCATCTTTTCTTCATGAAGAGTTGGTTGGGTGGCACAGTCAC  
CCGTATTTCCGATGTTGTATGCGACTCATGCTTAAATAACAAGCTGTGTGTTTCAAGGGAATCATCAGT  
TTAACTCAGTAATGGAATGTGAGTAATTAACCTCAGTCACATGTAGTACAGAAAAGTCAACCTGTGAAAA  
TTTCGACTCAGCACATTTGTATATTGTAACCTCCCTAGTATAAAGTGTGTTAAGCTTCCTATTAATGCCT  
TTAAATAAATGATAAATTTTTTAAAAA

>GBCA0353 |Acc|X97226|Ver|X97226.1 GI:1279346|C.familiaris mRNA for orphan nuclear receptor dNGFI-B protein.

GCCCGGAGCGCGCGCGGGAGCGCACACGCGGGACGGACGGGCGGGCGGAGCGGAGCCGCCGGAGATGC  
CCTGTATCCAAAGCCCATATGGGACACCAGCACCAAGCCAGGACCCCGAGACCACCTGGCAAGCGACCC  
CCTGACCCCGAGCTCAGCAAGCCACCATGGACCTGGCCAGCCCTGAGGCAGCCCCACCGCCCCACG  
GCCCTGCCAGCTTCAGCACTTTTCATGGACGGCTACACGGGGGAGTTTGACACCTTCCTGTACCAGCTGC  
CGGGAACGGCCAGCCATGCTCTTCGGCCTCCTTCGGCCTCCTCCACGTCTCTCCTCCTCGGCCACCTC  
CCCCGCTGTGCTTCTCCTTCAAGTTTGAGGACTTCCAGGTGTACGGCTGCTACCCTGGCCCCCTGAGCGGT  
CCCCTGGACGAGACCTGTCTCCAGCGGTTCCGACTACTACGGCAGCCCTGCTCAGCGCCGTCCCCGT  
CCACGCCAGCTTCCAGCCACCCAGCTCTCTCCCTGGGATGGCTCGTTCCGGCCCCCTTCTCACCCAGCCA  
GACGTACGAAGGCCTGCGGGCATGGACAGAGCAACTGCCAAGGCTTCTGGGCACCCCCAGCGCCTGCC  
TTTTTTCTTTCAGCCCCCTACTGGTCCCAGTCCCAGCCTTGCCAGAGCCCTTGAAGCTGTTCCCT  
CACAGGCCACCTGCCAGCTGGGGGAGAGAGAAAGTTATTCATATCCACGGCTTTCGGGGCCTGGCGCC  
CACTTCTCCACACCTCGACGGCCAGGGATGCTGGACGACCGGTGCCTTCGGCCAAGGCCCGGAGCGGG  
GCCCCAGTGGAAGCGAGGGCCGCTGTGCCGTGTGTGGGACAACGCTTCGTGCCAGCATTACGGCGTCC  
GCACCTGCGAGGGTGTGAAGGCTTCTTCAAGCGACAGTACAGAAAAACGCCAAGTACATCTGCTTCCCT  
TAACAAGGACTGCCCTGTGGACAAGAGGCGGCGAACCCTGCCAGTTCTGTGCTTCCAGAAGTGCCTG  
GCCGTAGGCATGGTGAAGGAAGTTGTCCGGACAGACAGCCTGAAGGGGCGGCGGGTGGGCTCCCTTCGA  
AGCCCAAGCAGCCCCCGAGCCCTCCCTGCCAACCTCCTCACGTCCCTGGTCAGGGCACACCTGGACTC  
CGGGCCAGCACAGCCAACTGGACTACTCCAAGTTCCAGGAGCTGGTACTGCCCACTTCGGGAAGGAA  
GATGCCGGGACGTGCAGCAGTTCTACGACCTGCTTTCGGGTTCCCTGGAGGTATCCGCAAGTGGGCCG  
AGAAGATCCCCGGCTTTGCCGAGCTGTCCCCGGGTGACCAGGACCTGCTGCTGGAGTCGGCTTCTGGA  
GCTCTTCATCTCCGCTGGCTTACCCTCGAAGCCGGCGGAGGGGAAGCTCATCTTCTGCTCGGGCCTG  
GTGCTCCACCGGCTGCAGTGCGCCCGCGGCTTTGGCGACTGGATCGACAGCATTTCTGGCCTTCTCTCGGT  
CCCTGCACGGCCTGGTGGTGGACGTCCTGCTTCGCTGCTCTCGGCGCTCGTCTCATCACAGACCG  
GCACGGGCTGCAAGAGCCAAGCGGGTGGAGGAGCTGCAAAATCGCATCGCCAGCTGCCTGAAGGAGCAC  
GTCTCGGCGGTGGCGGGCGAACCAGCGCCGAGCTGCCTGTACGCCCTGCTGGGCAAGCTCCCCGAGC  
TGCGGACCGGTGTGCAACCGAGGCTTGCACACGCTTCTACCTCAAGCTGGAGGACTTGGTGCCCTTCC  
GCCATTTGTGACAAGATCTTTATGGACACACTGCCCTTCTGACCCAGCCAGGAACACGCGTGCGCCG  
TGAATGCACGCTCCTACACCACCCACGTCCTTTAGCCCATGGCCACGGACCTCAGAGCACCCCGAG  
CCTGGGCTTGAGCCGAGACAGCCGGCCTCCGCCCTTGTACTGGGTGGTTGGCAGGGAGCTCACGCCCT  
GGGGAGCGGATGCATTATGGGGGTGACCCCTACTTGTCTTAGCCCCAGCCAGCCCTGGCCTT  
CATGTTTTTGAAGATAAACCGTTTTTAACACACACCGCGGTGCTGTAAATAAGCCAGATGCTGCTGTAA  
ATATAGGAAGGAAGAGGCCGAGATGGGAGTGGGGGCTCGGAGGGAGGGGCGGCCCCACAGCCCGGCA  
AGCCTCTCCCGCTCCTTGACCTGCTCTCTTCCACCTCTTTCACATGTACATAACCTTACTCTA  
CAAGAAGACAAATGACAGATTCTGACATTTATTTGTATTTTCTGGATTTATAGTATGTGACCTTT  
TCTGATTAATATATTTAATATATTGAATAAAAAATAGGCCTGTAGCTGAAAAA



>GBCA0354 |Acc|U83141|Ver|U83141.1 GI:1916847|Canis familiaris decorin mRNA, complete cds.

TAAACCAGGAGGTTCTCAACCTATTAACATTACAAAAACAGCACCTACCCCCCTCCTCCTTTCCACACCT  
GCAAACCTCTTTTGCTTGGGCTGAATATTTAGTTTAATTACATCTCACCTTTAAGGGCTCCTGTGGCAAAT  
CCCCGGATTAAAGGTTCTTGGGCTGTGAAAATACATAACCTAAACCATGAAGGCACTATCATCTTCCCT  
CCTGCTTGACAAAGTTTCCCTGGGCTGGGCGGTCCAACAGAGAGGCTTATTTGACTTTATGCTAGAAGAT  
GAGGCTTCCGGGATAGGCCCCGAGGACCGTGCACCTGACATGCCTGACCTCGAGCTTCTGGGACCTGTGT  
GTCCCTTCCGCTGTGAGTGCCATCTCCGAGTGGTCCAGTGTCCGACCTGGGTCTGGACAAAGTACCAAA  
AGATCTTCCCCCTGACACTACGCTGCTCGACTTGCAAAACAAACAAAATCACCGAAATCAAAGATGGAGAC  
TTCAAGAACCTCAAGAACCTGCATACCTTGATTCTTGTAACAACAAAATTAGCAAAATCAGCCCTGGAG  
CATTTACACCTTTGTGAAATTGGAACGACTTTATCTGTCCAAGAATCATCTGAAGGAATTGCCAGAAAA  
AATGCCAAAACCTCTTCAAGGAGCTGCGTGCCATGAGAATGAGATCACCAAGGTCGAAAAGCTGTGTTC  
AATGGACTGAACAGATGATCGTCTGAGAGCTGGGCACCAATCCCTGAAGAGTTTCAAGGATTGAAAATG  
GAGCCTTCCAGGAAATGAAGAAGCTCTCTATATCCGCTTGTGATACCAATATAACTACCATCCCTCA  
AGGCTTCTCCTCCTTCCCTTACTGAATTACATCTTGAAGGCAACAAAATCACCAAGGTTGATGCATCTAGC  
CTGAAAGGACTGAATAATTTGGCTAAGTTGGGACTGAGTTTTAACAGCATCTCCGCTGTGACAATGGCA  
CTCTAGCCAACACTCCTCATCTGAGGGAGCTTCACTTGGACAACATAAGCTCATCAGAGTACCCGGTGG  
GCTGGCGGAGCATAGTACATCCAGGTTGTCTACCTTCATAACAACATATATCTGCAGTCGGATCTAAT  
GACTTCTGCCCCACCTGGGATACAAACCAAAAAGGCTTCTTATTCAGGTGTGAGCCTTTTCAGCAACCCAG  
TGCACTACTGGGAGATCCAGCCATCCACCTTCCGGTGTGTCTACGTGCGCTCTGCCATCCAGCTTGGAAA  
TTATAAATAATTTCCAGAAAGCCCTCGTTTATAACCTGGCAAAATCCCATTAATATCATTGCTCAAA  
AAAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA  
ACTAAACCAAAATTGCATTTAAAAATGCCAAAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAA  
>GBCA0355 |Acc|U83140|Ver|U83140.1 GI:1916845|Canis familiaris biglycan mRNA, complete

cds.

TCGGAGGGCCCCGACGGACGGACGGACGCGTTGACTGCCAGACACCCGAGCCTGCCAGCCAGCCTGTGCC  
CAGCCGCTCGCCCTCCCCAGCCTCCCAGGCATGCCCCACCATGTGGCCCCCTGTGGCTTGTGCGCTCCCTGC  
TGGCCCTGAGCCAGGCCCTGCCCTTTGAGCAGAAGGGCTTCTGGGACTTACCCCTGGACGACGGGCTGCC  
CATGCTGAACGACGAGGAGGCTTCAAGGCGCTGAGACAACCTTCAAGGCGTCCCGGACCTGGACGCCCTCAGC  
CCCACCTACAGCGCCATGTGTCTTTTGGCTGCCACTGCCACCTGCGGGTTGTTTCACTGCTCCGACCTGG  
GTCTGAAGGCGCTGCCCAAGGAGATCTCACCCGACACGATGCTGTGGACTGCGAGAACAACGACATCTC  
AGAGCTCCGCGCCGATGACTTCAAGGGCCTCCACCACCTCTACGCTCTCGTCTGTTGAACAACAAGATC  
TCCAGATCCACGAGAAGGCCTTCAAGCCCCCTGCGGAAGCTGCAGAAGCTCTACATCTCCAAGAACCACC  
TGGTGGAGATCCCTCCCAACCTGCCAGCTCCCTGGTGGAGCTCCGATCCATGACAACCGCATCCGCAA  
GGTGCCAAAGGGCGTGTTCAGCGGGCTGCGAAACATGAACCTGCATCGAGATGGGCGGGGAACCCCTGGAA  
AACAGTGGCTTTGAGCCTGGAGCCTTCGATGGCCTGAAGCTCAACTACCTGCGCATCTCTGAGGCCAAGC  
TCACCGGCATCCCCAAGACCTCCCCGAGACCCTGAATGAACCTCCACCTGGACCACAACAAAATCCAGGC  
CATCGAGCTGGAGGACCTGCTCCGTTACTCCAAGCTGTACAGGTTGGGCTGGGCCACAACAGATCCGC  
ATGATCGAGAACGGGAGCCTAAGCTTCTGCCACCTGCGGGAGCTGCACCTGGATAATAACAAGCTGT  
CCAGGGTGCCTTCCGGCCTTCCGGACCTCAAGCTCCTGCAGGTGGTGTACCTGCACACCAACAACATCAC  
CAAGGTGGGCGTCAACGACTTCTGCCCTGTGGGCTTCCGGGTCAAGCGGGCTACTACACGGGCATCAGC  
CTTTTCAATAACCCCTGTCCTTACTGGGAGGTGCAGCCGGCCACTTCCGCTGCGTCACTGACCGCCTGG  
CCATCCAGTTTGGCAACTACAAAAAGTAGAGGCAGCGCCGCGCTGGTGGCCTGGGCGGGGTCTCTG  
GGGAGCACAGCAGACATCCGAAGGGGAGGGCAGAGCCAAGGAGCCGAGCCAGCGCCAGCTGCGCCCAA  
CCCAGCCCCGCCCTGATCCCGGACCCTGACTCGCTGCCTCCTGACGCCCTCATCCTGGCTCCCAAGCACG  
CAGATGGGGCACAAAGACCCAGCCGCCCATCATATGCCTGTTGGCCTCAGAGCTGCCCTGCCCGCCCCC  
ACCG

>GBCA0356 |Acc|X98460|Ver|X98460.1 GI:1403296|C.familiaris mRNA for arrestin (S-antigen).

GGGCACCCCTGTCCAGGTCCCTACAAATTCCCCCACACACGCACGCCAGTGCCCTCGGTGGGGTCATTTG  
GGCACACAGAGCAGGGGCGGCGCTCACCCGGAGGGACGGAGCCCTCGCCTCACCTCCTGGGCTGT  
CTGGCTGGCTGACAAAGCTTGTAAACAGCTGACACAGACCCAGGGTTGAAAGAAGCTACCAGGGACACA  
TAACATGGCAGCCAGCGGAAGACCAGCAAGTCTGCATCAAACCATGTGATCTTCAAGAAGATTTCCCGG  
GACAAAGTCGGTGACCATCTACTTGGGGAAGAGAGACTATATAGACCATGTTGAACAAGTAGAGCCTGTGG  
ATGGTATCGTGTGGTGGATCCCGAGCTTGTGAAGGGAAGAAAGTGTATGTCTCTGACCTGCGCCTT  
CCGCTACGGCCAGGAAGACATCGAGCTGATTGGCCTGAGCTTCCGAGGGACCTATACCTCTCTCAGGTC  
CAGGTGTTCCACCCGTAGAGGCTGCAGGCGCCCCACGAAGCTGCAGGAGAGCCTGATGAAGAAGCTGG  
GGGGCAACACGTACCCCTTCTGCTCACGTTCCCTGATTACTTACCTGCTCGGTGATGCTGCAGCCAGC

TCCGCAAGACATGGGGAAGTGTCTGTGGGGTGCAGCTTTGAGGTCAAGGCATTGCGCCAGAGACAGCACAGAG  
GATGAAGAGGACAAAGTGCCCAAGAAGAGCTCCGTGCGTTTACTGATCCGGAAAGTACAGCATGCGCCAT  
CGAAGATGGGTCCCCAGCCCCGAGCTGAGGCCGCTGGCAGTTCTTCATGTCCGACAAGCCCTTGACACCT  
GGCTGTCTCCCTCAGCAAAGAGATCTATTTCCATGGGGAGCCATTACTGTGACTGTGACTGTGACCAAT  
AACACAGAGAAGACTGTGAAGAAGATTAAAGCATTAGTGAACAAGTGGCCAAAGTGGTTCTCTACTCGA  
GTGATTATTATACCAAGCCAGTGGCCCGAGGAGGAAACACAAGAAAAAGTGCCACCGAACAGCACTCTGAC  
CACGACGCTGACGCTGGTGGCCCTTGTCTGGCCAACAACCGTGAAAGAAGGGGCATCGCCCTGGATGGGAAG  
ATTAAGCATGAGGACACGAACCTTGCTTCGAGCACCATAATAAAGGAGGGCATAGACCGGACTGTCTTGG  
GCATCTGGTGTCTTACCATATCAAGGTGAAGCTCACGGTGTGAGGCTTTCTGGGAGAGCTCACCTCCAG  
TGAAGTGGCAAGTGAGGTGCCCTTCCGCCCTCATGCACCCCGAGCCGAGGACCCAGCTACGGCAAAGGAA  
AGTTTTTCAGGATGCAAATTTGGTTTTTCGAGGAGTTTGTCTCGCCAAAATCTGAAAGACTTTGCTGAGGAGG  
GGAAGAAAGACCGGGAGGCCATGGATGAGTGAAGAGGTCGGTCGACCTGGACGCTGGGAAACAGTAGTTC  
ACGCAGGATAAGCCAAACGCTACAGTTAGCCCTTTAGTTAGGCTAAATACCAAAGTGTGAGTCTTCTTCA  
TAGAAATAAAGTTTGTCTGTGTTCAAAAAA  
>GBCA0357 |Acc|U77716|Ver|U77716.1 GI:1684844|Canis familiaris desmosome associated  
protein pinin mRNA, complete cds.  
CTCTGAAGGTTCCAGAATCGATAGTAAAGTCTCGAAGCCTGCTGCAGAGAGAAGATGGCGGTGCGGGTGA  
GAACCTTTGCAGGAGCAGTAGAAAAAGGCCAAAGAGAGCCTAAAGAACGTGGATGAGAATATTTCGAAGCT  
CACCGGACGGGATCCGAATGACGTAAGGCCCATCCAAGCCAGATTGCTGGCCCTTTCTGGTCTGGTGGGA  
GGTAGAGGACCTGGTAGTTTATTGCTGAGGCGTGGATTCTCAGATAGTGGAGGAGGACCCCCAGCCAAAC  
AGAGAGACCTTGAAGGGGCAGTCAGTAGGCTGGGCGGGGAGCGTCGGACAAGGAGAGAATCACGCCAAGA  
AAGCGACCCAGAGGATGATGATGTTAAAAAGCCAGCTTTGTCAGTCTTCAGTTGTAGCTACCTCCAAGAG  
CGCACACGTAGAGACCTTATCCAGGATCAAAATATGGATGAAAAGGGAAAGCAAAGGAACCGACGAATAT  
TTGGCTTATTGATGGGCACTCTTCAGAAATTTAAACAAGAAATCCACTGTTGCTACTGAAAGGCAAAAGAG  
CGGCCAGGAAATTGAACAAAACTTGAAGTGCAGGCGGAAGAAAGAAAGCAGGTTGAAATGAGAGG  
AGAGAAGCTTTTGAAGAGAGGCGTGCTAAACAGACAGAAGCTGCGGCTTTTAGAACAGAAAGGTTGAGCTTG  
CGCAGCTGCAAGAAGAAATGGAATGAACATAATGCCAAGATAATTAATACATAAGAACTAAGACAAAGCC  
CCATTTGTTCTATATTCTCGGAAGAAATGTGTCCAGCTACCCAAAAATTAATAGAAGAGTCACAGAGAAAA  
ATGAATGCTTTATTTGAAGGTAGACGCATCGAATTTGCAGAACAAATAAATAAAATGGAGGCTAGGCCCTA  
GAAGCAATCAATGAAGGAAAAAGAGCATCAGGTGGTGGCTAATGAAGAACAGAAGGCGGAACAAGAAGA  
GGGTAAGGTGGCTCAGCGAGAGGAAGAGTTGGAGGAGACAGGTAATCAGCACAAATGATGTAGAAATAGAG  
GAAGCAGGAGAGGAAGAGGAAAAAGGAAATAGGTATAGTTCAATAGTGATGCAGAGAAAGAGCAGGAGGAGG  
AGGAACAAAAACAGGAAATGGAGGTCAAGATCGAGGAGGAACTGAGGTAAGGGAAGTGAAGAGCAGCA  
GGATAGTCAACCGGAAGAGTTATGATGTGCTAGAGATGCTGTTGCACGTAGCTGTCAAAAATGTAATT  
GCTGAGCAGGAGGTAATGGAACCAATCAAGTTGAAAGTGTAGAACCTTCAGAAAATGAACTAGCAAAG  
AACTGGAGCCAGAAATGGAATTTGAAGTTGAGCCAGATAAAGAAATGTAAATCTCTTCTCCTGTGAGAGA  
GAATGCCAGTGCTCTAGAAATGGAATGAGCCTGAGGAAAAAGAGAGAGAAATCTGAGCCCCAGCCT  
GAGCCTGTGCGTCACTCCAGGCCCTTGCCCTCAGCCTGAGCCTGAGCCTGAGCTACAGCCTGAGCCACAGC  
CTCAGCTACAACCTGAGCCACAGTTACAGCCCCAGCTCCAGCTCCAGCTCCAGCCCCAGCCCCAATCCCA  
GTCCCAGCCACAACCTCAGCTTCAGCTTCCGCTTCTCTTCCGCTTCAGCCCCAGCCCCAGGTGCAGGCC  
CAGTCCCAGCCCCAAGCAGTACTCCAACCCAGCCTGTCTCTCAACCTGAGACTTTGCCATTAGCTGTTT  
TACAGGCACCAAGTTTCAAGGTTATTCAAGAGCAAGGGCATTACTACCTGAGAGGAAGGAATTTCTGTGGA  
ATCTGTAAAACCTCACTGAGGTGACAGTAGAGCCAGTCTTGATAGTACATTAGATAGCAAAACCAAAACC  
AAAACCAGGAGCAGAAGTAGAGGTGAGCTAGAAATAAAACCAAGAGTAGAAGTCGAGCAGTAGCA  
GTAGTAGTTCTAGTAGCAGCTCAACCAAGTAGCAGCAGTGGAGGCAGTTCCAGCAGTGGCAGCAGTAGTAG  
TCGAAGTCAATTCAGTAGCAGCTCCAGCACAAAGTGGCAGCAGCAGGAGAGATAGTAGCAGCAGCACTACT  
AGTAGCAGCAGAGTAGAAGTCGGAGTAGGGGCCGAGCATACAGAGATAGAAAGCACAGAAGGAGCG  
TGGATCGGAAACGAAGGGATACATCAGGATTAGAAAGAAGTCACAAATCTTCAAAAGGTGGTAGTAGTAG  
AGATACAAAAGGATCAAAGGATAAGAAATCCCGGTCGACAGAAAGAGGTCTATATCAGAGAGTAGTCGA  
TCAGGCAAAAGATCTTCAAGAAGTGAAAGAGACGAAATCAGACAGGAAAGACAAAAGCGTTAAATGGA  
AGAAGCCAGGCTTTCTTAGCCTATTCTTTGCCGAGAAAGATTTCTTGATGAGTAAAAGGATTACCTTTCC  
TTGTAAGGAGGATGCTGCCTTAAGAATGTCATGTTGTAAAAAATCTTTTTTGGAAAAATACAGACTGTTTG  
TTTACCAGACATCTTGTACTTTTTGCATAATTTTGAAGAGTTATTTATCAAAATTTATGTGAGGTTCCA  
AAATATGTAAAAATTTAATAATAAAAAAAGATTAAATACATCCCTTGTATCTTTTTTAAATATCCTATACA  
CTTCAGTAAGAATCTGTATATTTTAAATAGGTAAATCTTTACGCTCCTGTTCCCTTCAAATTTCTGTATCAT  
ACATTGCTTTTTCGTCAAGAAATAATCGTGCATTTCTTTTATTAGTTTTCGGAATCGTCTCCGTTGACAC  
TTGTATAATAAATTACCTCTTGATATATCGTTTTTCAGCTTTTATCACTAGATACTGAACGTGATTAGAA

TGTCCTTTGAAGGGTTGATTACTACTAATCAACTATTGTCGTCTTTGTATGGAAGAAAATAATAAAATAGT  
TGGTCGACTATTCTTCTTCTACTATATGATGTTTTGTGAGAATAGTTGCTCCTCCTGCTGTGTAGCAACCA  
TCTTGTGTGATTAATAATAATAAAATATTATCACCCCTCCTTCTGAGTAATTACTACTATTTCAGACGT  
CTTTATTACTACATCATGAAGTAATCATCGTAGAACAGCTGGTAGTATATGAAGAATAGTTGCTCTTTTT  
TATATGAGAAACGCGGGGAAATGCTTAGATTAAACAAAGGGAGATTAGAAAAAATAGTAAATGATTCTG  
AGAACAACCTATGTTCCCCAAAGCGTGCAAGATCTGACTATGACAAGCTCCAAATAATTGCCAAGGC  
AAATAAAAGTGAGGAAACCTTCAAATGACATTCTAATCTACTGTTTCAGTATCTAGTGATAAACGTCGGAA  
CATAGTTTGTCTCAGAATCATTTACTATTTTTCTAATCTCCCTTGTTTAATCTAAGCATTTCCTCCCT  
GTTTCTCATATATAAGTCATATTTGGTAGATAAAACAGTATGATTTGGTTGGCATTTCCTTCATGATTAT  
AGGAGCATCATTCATTTGTCTCCAGGGCTACTTGTGTGATATAGCATATACATCTATTGAAGAAAATAAT  
CACTCTCTAGGGGAGGGAGGTAGAAAAGTATATTTCTAACTTGGGTTTTTGTGTTTGTGGTCTTGTCTTA  
ACTTTTTGTGTGCTCTAATACATGCCAATATGTGTTCTCAAGAGTTTTTGTAAAGTATTGTATGAAAGT  
TTACAGAATGAAGGAAGTTCATCTACACTTGAATCTGTAAGCAAGATAACACACAAGTGTACCAAGTGAT  
TATTAACCTTTGTTGTTTTTATAAATTTGTATGAATTTGGAGTATCTGTTGCCATTACTATATATGTGCAAA  
TAAATGTGGCTTAGACTTGTGAAAAAATAAAAAA  
>GBCA0358 |Acc|U49458|Ver|U49458.1 GI:1229023|Canis familiaris CD34 mRNA, alternatively  
spliced exon, partial cds.  
AGCTGGAACCCCTGATCGCTCTTCAGGAAGAAAGGAGTCTGCACATGCAGCTACAACCCCTCTCTCTCC  
CCACCCCTGCTCAATCCCTGCTTACCAGATAATGCTCCTTTATTATACACTGTCTAGG  
>GBCA0359 |Acc|X53616|Ver|X53616.1 GI:1838957|C.domesticus calnexin (pp90) mRNA.  
CGCGGCTCGTGACGGTCGGGCGAGCCTCCGCTGCTGTCTCCACTGCAGCGCGGGCCGGGCGTGCGGGCGGG  
TGGAGGCGGGGCGCGCACGACTCGAGATCATGGAAGGGAAATGGCTGCTGTGTATGTTACTGGTCCTT  
GGAACACTACTATTGTTTCAGGCTCATGAAGGACATGATGATGATGATTGATGATTGAGGACGACCTCGATG  
ATGTTATTGAAGAGGTAGAAGACTCCAAATCAAACACAGATACCAGCGCTCTACATCTCAAAGGTCAC  
CTATAAAGCTCCAGTTCCAACAGGGGAAGTGTATTTTGTGATTCTTTGACAGAGGAAGTCTGTGAGGG  
TGGATTTTATCAAAGCCAAGAGGATGACACTGATGATGAAATTGCCAAATATGACGGAAAGTGGGAGG  
TAGATGAAATGAAGGAACAAAGCTCCCAGGTGATAAAGGGCTTGTGTTGATGTCTCGGGCCAAAGCATCA  
TGCCATCTCTGCAAACTCAACAGCCCTTCTCTGTTTGATACCAAGCCCTCTCATTGTTTCAGTATGAGGTT  
AATTTCCAAAATGGAATAGAATGTGGTGGTGCCTATGTGAAACTGCTTTCCAAAACCCCGAAGTCAACC  
TGGATCAGTTCCACGACAAGACCCCTTATACGATTATGTTTGGTCCAGATAAATGTGGAGAAGACTATAA  
ACTGCACTTCATCTTCCGCCACAAAACCCCAAAACAGGCGTATATGAAGAAAAGCATGCTAAGAGGCCA  
GATGCAGATCTGAAGACCTATTTTACTGACAAGAAAACACATCTTTATACATTAATCTTGAATCCAGATA  
ATAGTTTTGAAATACTAGTGGACCAATCTATTGTGAATAGTGGAAATTTACTAAATGACATGACTCCTCC  
TGTAATCTCTCAGTGAAATTTGAGGACCCAGAACAGCAAGCCTGAAGATTGGGATGAAAGACCAAAA  
ATACCAGATCCTGATGCTGTCAAACAGATGACTGGAATGAAGATGCCCTGCTAAGATTCCAGATGAAG  
AAGCTACGAAGCCTGATGGCTGGTGTAGATGATGAACCCGAATATGTACCTGATCCAGATGCAGAGAAGCC  
AGAGGATTGGGATGAAGATATGGATGGAGAATGGGAGGCTCCTCAGATCGCCAACCTAAGTGTGAGTCG  
GCCCTGGGTGTGGTGTCTGGCAGCGACCTATGATTGACAACCCTAATTATAAGGGCAAATGGAAGCCTC  
CCATGATTGACAATCCTAATACCAGGGAATCTGGAAACCCCGAAGATACCAAATCCGGATTTCTTTGA  
AGATCTGGAACCTTTCAAATGACTCCTTTTAGCGCTATTGGTTTGGAACTGTGGTCTATGACCTCAGAC  
ATTTTTTTTGAACAATTTATGTTTGTGGGGATCGAAGAGTAGTTGATGATTGGGCCAATGATGGATGGG  
GTCTGAAGAAAGCAGCTGATGGGGCTGCCGAGCCAGGTGTGGTGGGGCAGATGATTGAGGCAGCTGAGGA  
GCGCCCGTGGCTCTGGGTGGTCTACGTTTTTGACCGTAGCTCTGCCCGTGTTCCTTGTATCCTCTCTGTC  
TGCTCTGGAAAGAAACAGTCAAGTCTGTGGAGTATAAGAAGACAGACGCTCCTCAGCCAGATGTGAAGG  
AGGAGGAAGAAGAAAAGGAAGAGGAAAAGGACAAGGGCGATGAGGAGGAGGAGGGCGAAGAAAACCTTGA  
AGAGAAGCAAAAAGTGAATGCTGAAGAAGATGGCGGCACTGCCAGTCAAGAGGAGGACGATAGGAAACCT  
AAGGCAGAGGAGGATGAAATTTTGAACAGATCACCAGAAACAGAAAGCCAGAAAGAGAGTGAACAAAT  
TTAAGAATCTGATCTGTGATTTCTCTCCCTCCTCCCTTCCCCTGCAAGCATGGTCTGGGAGAGGACC  
TGGCACACCTTAGGTTGAACTCAGAAAACCTCCAGACATCACCATCAACAGGTTCCAGTCGAACACTAGC  
CCGTGTAATTTAAACATCTAAGCAAGTAATAATTGCTGTTGTGAAATAAAGGACCCTGTTTCTGTAGAA  
AGAAGGCATATAACATTAATAGTTGTGTAATGTAACTGAAGCAACTAATTTGATTTTTTGTGTTTT  
TGTTTTTAAACATCTTTGTTTTTAAATAGAGTGATAGAATTTGCCAGTCTTTAAATCTTGGCTTAA  
TTTAATATATTAATCTGTCCATGCAGAAATAACACCAACCTTTAGAAATGTTTGGGGGATGAATTGCAGT  
TTCATATAACCAATTTTAAAGTTTGGTATTATGAACATTCAAGTGTCTCTGTCCCTTAAATTTGATAA  
TCATTGTTTTAAAGTGCACTATTTGTGGTTATAGTCTTGTGTTTTGCTTGCTTCCATCACCAGTTCCTCCT  
AAGAAAACCTGAGGAGATGGACTGGATGGAAGCCCAATATATAAAGGTTCTGTTTCAGTTATATTAATA  
TAGATATACAGAAAGAAGAACTTTTCTCTTGGTGTGGTTAGACCATACAGTGCCTGTCTCTGTTGCT

CCTTGGTAGCAGCTCTGTTCCAGACGCGCTCTGCAGTCCGTTGAGGAGGTGGTATGATGTGGCATTCCGGG  
CAGTCATGCTTCCACAACCTGGGAGTGTCTGGGCTCCAGCCTTCCGGAGCAGGTGGCTGTTTGAGGAATGC  
TCCCAGGGCATGGGAGCTCCCAAGCAGACGCAGATGTTTTCATCACTTCTCCACTGTGTGACACTGTC  
TCCTTCCCAGTTGTCCCAGATCCCCAGCTTCTCCTCTGCTATGCATTTCTTTCACAGCGCACGTTGCAG  
TCCGTCACAGAAATGATTATAAGCTCCGCATAGTGTAAAGCTTTATTGTGATTAAAGTGTATGTTTCTTC  
CTTCTTTAAGCAGACCCACACCTTTCAGGGTCAAAGTACAGGATAAGATACTGTCTTTTCAATTTTATCC  
ATTTCTTTTGCTCTGTGTCAAGACTTGAAAAGTCTCAGCCAGAGGTGAGCCAATTCAGAATCTGTAATTG  
AACACAGGCTTAAAGTATTTATGGGAGGAGTGGCATAACAGCATGAATTTCTGAATTTTTTTTTTTTTTA  
GCTGCTAAACTTTTAAAGTCTTCAATTTGCAGTTTATGTAACATTTGTGTCTTAAATTACATGATAAAGCA  
GTCCTGTTAAAAAATTTCTGGGGGGTATGTGGCTTGTAGAATTTCTTTAAGATGTGATCTTAGATTTTTT  
TTTTCGGAATTC

>GBCA0360 |Acc|X59998|Ver|X59998.1 GI:870|C.familiaris mRNA for amylin.  
CCTCTGATATACTGACACTGAAACATTAAAGTAAATTTGAGAAACAATGTGTCTCTCTGAAGCTGCCAGT  
AGTTCTCATCTACTCTCGGTTGCATTAAACCATCTGAAGGCTACTCCCATTAAGTCAACAGATGGAA  
AAGCGGAAATGCAACACTGCCAGGTGTGCGACTCAAGCCTGGCAAATTTCTTGGTTCTGCTAGCAATA  
ATCTTGGTGCCATTCTCTCGCTACCAATGTGGGATCCAATACATATGGCAAGAGAAACACAATTGAGAT  
TTTAAACAGGGGACCATTGAATTACTTACCCTTTAGAGGTCAACGCACCCCTATCATTCTTACTTTCAT  
GTATAAAAAATATTCTAGTGATTTCTTGTGTAAGTTAACATTAGCATGAACATAAGTTTTTATGTACTATG  
TTTGTTAGTAGTACATATAAATGTTATGGTAAGAATGTTTTAACTTTAATGCTAATTAAGACCCCATC  
ATAAAAGTCAATGTCTTTAAAAATGAAATGTTCTTGTCTATAGATATTTATTTTGAAAACATATAAAAA  
GTCATTCTTTTGCCTATATCTTTATGATCTGAGTTTGAACAAAAGAGAAAATAGTATTTGGAACTTG  
GTAAATTGTAACAGCGGAGAGTGAAGTTAAGCACATTAAAAAGGGCATTGAGGACCGCAGGTGAGGAGA  
GCTTGATGAGCATGATGTCTATTGTCAGGATCCAGCTGTTATAGTTGGGATGGCGGATGACCTTGGCGGA  
GTTGATGAACTGCTACAAGTCCCGCATCCAAGTGAAGTCTGGAGAGTACAACATCGATGTCTGGAGGGG  
AATGAGCAGTTTCATCAACTCCGCCAAGTCTAT

>GBCA0361 |Acc|X94608|Ver|X94608.1 GI:1359588|C.familiaris mRNA for beta2-adrenergic  
receptor.

CCGGGGCGCAGGCTGTGGGGGCGCGCGGGCGAGCGCAGAGCACCCGCGAGCTGGATGCGGGCTTCCCGG  
CGCCCGCTCGCTGCCCGCGGCGCGCCCCCGAGGTCGCCCCGCTGAGGCGCCCGTGCGCTCACCTGCCGG  
CCCGCGCGCCATGGGCCAGCCCGGAACCGCAGCGTCTTCTTGCTGGCGCCCAACGGGAGCCACGCGCGG  
GACCAGGGAGACTCGCAGGAGCGGAGCGAGGCGTGGTGGTGGGCATGGGCATCGTCATGTCTGCTCATCG  
TCCTGGCCATCGTGTTCGGGAACGTGCTGGTCATCAGGCCATCGCCAGGTTGAGCGCTCTGCAGACGGT  
GACCAACTACTTTCATCACCTCCCTGGCCTGTGCTGACCTGGTTCATGGGCTGGCGGTGGTGCCCTTTGGG  
GCCAGCCACATCCTCATGAAATGTGGACCTTCGGCAACTTCTGGTGTGAGTTTGGACTTCCATTGACG  
TATTGTGCGTCACGGCCAGCATCGAGACCCTGTGCGTGATCGCGGTGGACCGCTACTTTGCCATCACCTC  
GCCCTTCAAGTACCAGAGCCTGCTGACCAAGAATAAGGCCCGGGTGGTCACTTCTGATGGTGTGGATCGTG  
TCCGGCCTCACCTCCTTCTGCCATCCAGATGCATGGTACCGGGCCACCCACCAGGAAGCCATCAACT  
GCTACGCCAAGGAGACGTGTGACTTCTTCACGAACCAAGCCTATGCCATTGCCCTCCTCCATCGTGTC  
CTTCTACCTACCCCTGGTGGTTCATGGTCTTCTGCTACTCCAGGGTCTTCCAGGTGGCCCAGAGGCAGCTC  
CAGAAGATCGACAGATCGGAGGGCCGCTTCCATGCCAAAACCTCAGCCAAGTGGAGCAGGATGGGCGGA  
GCGGGCACGGACATCGGAGGTCTCCAAGTTCTGCTTGAAGGAACACAAGGCCCTCAAACTCTGGGCAT  
CATCATGGGCACTTTACCCCTGTGCTGGCTGCCCTTCTTCATCGTCAACATAGTGCATGTGATCCAGGAT  
AACCTCATCCCTAAGGAAGTTTACATCCTCCTAAACTGGGTGGGCTACGTCAACTCTGCTTTCAATCCCC  
TTATCTACTGCCGGAGCCCTGACTTCAGGATTGCCCTCCAGGAGCTTCTGTGCTGCGCAGGTCTTCCCT  
GAAGGCCATATGGGAATGGCTACTCCAACAACAGTAACAGCAGAAGCGACTATGCTGGGGAGCAGAGTGA  
TGTCACCTGGGGCAGGAGAAAGACAGCGAAGTGTGTGAGGACCCCCAGGCACGGAAGACCGTCAAG  
GTACTGTGCTAGCGATAGCGTTGATTGCGAGGGGAGGAATTGTAGTACAAACGACTCACTGCTGTAATG  
CAGCTTTTCTACTTTTTATGAACCCCTCCCCGCAACGAAACACTATACAGACTATTTAACTTGAGTGTA  
ATAAATTTAGATAAAATTTGATAGAGATGTGAGGAGGAGGGACGGCTTCTGCCTTTTTTTTTTTTATT  
TTTTTAGGCTGTAAAAAAGAGAAAGCATATTCCAGTGATTGTTTGTGTGACAGTTCAAGTTCCCTTTTTT  
GCATGGAACGTGTAAGTTTGTGTCTGAAGGGCTTTGGTCCCAGAGGACCTGGGGCTGCTATGTTTTGATG  
ACTTTTCCGTGGATCTACCTCATGATCAAGTATTAGGGGTAATATATATGCTGCTGGTTCATCTGTATG  
TGAAGAGTCTTTTCTTCTGCACCTTGCACCTGGAGGATCTTGAGTATCTCGGACCTTTCAGCTGTGAA  
CAGGAGTCTGCTGGCCCTTATTTGCTCAACAGGGTGTGTTGTAGGCAGGATTTGAGGGGCAGC  
TTCAGTTGTGTTCTGAGCAAAGTCTAAAGTTTACAGTAAATAAATTTGTTTGACCATG

>GBCA0362 |Acc|U49457|Ver|U49457.1 GI:1224105|Canis familiaris hematopoietic progenitor  
cell marker CD34 mRNA, complete cds.

CCCCCCTCGGCCTCCAGGGCGGCGCAACCCCGGCCCCCGCTCCCGTCCCCCGCCTGCGGGGCTGAGCCG  
 AGCGCTCGCGGTGGCGGCGGCCAAGCGGAGGGGCGGGCCTTGCCAGGAACGCGGAGGGAGGGGTGGGGAG  
 AGACAGCCAGCTCGCCACCCCGCTCCGGGCGGAGGGCGGAGGGCGGGCGGGCGGGCGGGCGGGCGGGC  
 CCGGGGCGGAGCGCTGTCCGGAGCGGAGCGGAGCGGGCGGGGAAGGATGCTGGCGGGCAGGGGCGCG  
 CGCGCGGGCGGGCGGGCTGCCGCGGGGCTGGACCGCGCTCTGCCTGCTCAGTCTGCTGCCCTTTGGGTTC  
 CAAACACAGAAACCGTGATTACTCTTACCACAGTGCCAACCTCCACAGAAATAATGTCAGCTGTTTCTGA  
 GAATACATCCAAACGGGAAGCCATCACACTAACTCCTTCTGGAATAACCCCTGTACTCTGTCTCTCAA  
 GACAGCAGTGGGACCACAGCAACCATCTCAGAGACTACAGTCCATGTACATCTACCTCTGAGATCACCC  
 TAACGCCTGGGACCATGAACCTCTTCTGTTTCTGAGTCCGAGACCTCTTAGCTATCACGGTATCTTTTACCCC  
 AACCAACTTTTCACTTCAAGTGTGACCTTGGAGCCCAGCCTGCTACCTGGAAATGGTTCGGATCCCCC  
 TACAACAGCACCAGCCTTGTGACATCCCCACGGAATATTATACATCACTTTCTCCTACCCCAAGTAGAA  
 ATGACACCCCAAGTACCATCAAGGGAGAAATCAAATGTTCCGGAGTCAAAGAAGTGAATGAACCAAGG  
 TATCTGCCTAGAGCTAAATGAGACCTCCAGCTGTGAGGACTTTAAGAAAGATAACGAAGAAAACTGACC  
 CAAGTCTGTGTGAGAAGGAGCCAGCTGAGGCTGGGGCGGGGTGTGCTCCCTGCTTCTGGCCAGTCTG  
 AGGTGAGGCCTCACTGCTGCTGCTGCTTGGGCCAACAAAACAGAAGTCTTTCAGTAACTCCAACCTCT  
 GAGAAAGCACCAGTCTGACCTGAAAAAGCTGGGGATCCGAGACTTCACTGAACAAGATGTTGGGAGCCAC  
 CAGAGCTATTCCCGCAAGACCTGATTGCACTGGTCACTCAGGGATCCTGCTGGCTGTCTTGGGCACCA  
 CTGGTTACTTCTGATGAACCGCCGAGTTGGAGCCCTACAGGAGAAAGGCTGGGCGAAGACCTTATTA  
 CACGAGAACCGGTGGAGCCAGGCTATAGCTCAGGCCCTGGGGTCTCCCTGAGGCTCAGGGAAGGCC  
 AGTGTGAACCGTGGGCCCTCAGGAGAACGGGACCGGCCAGGCCACGTCCAGAAACGGCCATTCAGCAAGAC  
 AACACATGGTGGCTGATACAGAATTGTGACTCTGGGGGGGGAGTAAGGCTGGGCAGGGTCTGGGGAAGGG  
 GCCCTCCCAGCACCTGACCACATGCTGCCCTCTGTGCTGGAGCTGCCACCACTTACATTCTAGCCTTTCC  
 TGCTGCACACACCTCCGAGGCCATTCTGGGGCCCTGCACTGCACCAGGCCGAGGGGTCTCTCCTATCC  
 TGGGGCCCGGGAGGTAACCCCTACCTTTTATACATTCTCTCACTAAGCCTAGAGTCTGGTCTCCTTTGA  
 GAAAAGACATGAGGGAGAGCTGCCAAAGTATAGAGAAGCTACCAGAGTTGGGGGGGTGGGGGGTGATGAT  
 CTCACATCATTCACGTGTGGGCTTCTTCCCTCTTCTCTCTGCTTATTAAGAAGTCTCAGGGGG  
 AAGCATGGCCTTTTCTGGGCTACAATGTCTCTGGGAGGCTTTGTCTTTTCTGTGTCTTCTCTCATGTC  
 TGTCTCTCTACTTTAGGGAACCAAAGCACCTGCTCCTTTGTAATGCTATAGCCAGCAAGACTTGTGTG  
 CTTAAACCGTCTCCCTTGTGCTACACCAGCTCACTGTGGATTGAGGCAACCGGCTTCCCTCATGCTCTC  
 CGGGCTCCCTGAGCTCCACACCTTCTCCCTGCACTCTGTGTACAGAAGCCTGCACTGTTCTCTGGCTGA  
 GCGTGGAGCAGACTCCAAGTTTGAACAATGCTCTGTGTCTATGTTTGGGAGACAGCATAGGGATGCGT  
 GGACACATGCGTTCCTATCTTTGGGGACAAATGAAGGAGAGGGGATGGCTCAGTCTTGTCTCTCTGGGG  
 CTCACAGAGTCTCATCTTGGGCCCCCGTTTCTCCCTGTGAGTCTCAGTGAACGGGACCAAGGGACAGAT  
 CTTGGAGCCAAGCCTCTTGACCATGACCTCTGAAGAAGCCCCCTCGCTCGAAGGCTAGGTCTTGGCCTT  
 GCCCTGGAGCTGACTTCT  
 GCAGACTCCTTTCTGTCTCAGCCTCCCCGACCCCAACCCCTCACTGTTCTGTACCCCCATATAGTCAGG  
 GCCCCGACATCTCCAGAGGACCTTCATCACAAGCCATCTCCTCTGTAGGTGGCCAGGTTCTCATTTAT  
 TTTTTTAGGTATTTTTTTTTTCCAGAGGGGTGAGCAGAGATCTTGGTTTCAATGACGGTTGGAATAGAA  
 CTTTCCAGAGATAGGAAGACTGGGTGGATTTTATTTCTGAATACAAAAATGGTGTGTGTAATACTGTAA  
 TTAAAGTGATACCGAGACACATCTGTTCTGTGTGCTGCCCCAGCCAGGTGTGTCTGAATGCCACGGCGG  
 TGTCCCTGGTGTCCCGGTCAGACCCGGCCAGACTTCCAATGATGTGGTAGAGAGGGGTGACCCCTGGAAA  
 GAGGTGGGCCCATCTCGGGGATACAGGCAAAAGCCAGGGTGTGCCCCCTTGGCCAAGTGTCCCTATGGG  
 TGGGGGGGTTGGAGG

>GBA0363 |Acc|U49359|Ver|U49359.1 GI:1305482|Canis familiaris cyclic-GMP  
 phosphodiesterase gamma subunit (PDEG) mRNA, complete cds.

GAGCACACCCGTGACCCTGAGACCTGCCAGGGCTTGGACTTCTCTGTTTCTGAGTGGTTGAGACCTGCAA  
 GGGGGCCAGCCGAGGGGGGTGACTGGTGTGCCCTCAGCCCCACAGCGTGAGGGAGTCTAGAAGCCAGAC  
 GTCGCCGTGGGTCTCTGCCAACTGGCCATGAACCTGGAGCCACCGAAGGCCGAGATCCGGTCCGCCAC  
 CAGGGTGATTGGGGGGCCCGTCACTCCAGAAAAGGGCCCCCAATTTAAGCAGCGGCAAACAGGCAG  
 TTCAAGAGCAAGCCCCCAAGAAAGGCGTCCAAGGGTTTGGGGACGACATCCCTGGAATGGAAGGCCCTGG  
 GGACAGACATCAGGTCATCTGCCCTTGGGAGGCCCTCAACCACCTGGAGCTGCACGAGCTGGGCCAGTA  
 CGGCATCATCTAGCGCCAGAGCCTGACCCAGAGGCTTGGGGCCAGGGTCCCTGCCGCCACTCCGCTCCC  
 TGCTCCGGGTGCTGCGAGGAGGCCGCCCCCCCCCGCGGTGTCCAGATGGCCAGTGTGTGTCTGGAGA  
 CCTCGCAGGGTGGCAGCCTCAGCCCCAGACGCCCATTACCAGAAGCCCACAGCTCCCTGCAGGACCC  
 CTCGGGCCCTGCTTCACTACCAACACCGGCCACAGACCTTCTCTTAGGGCAGGAAGGCCAGGCAGG  
 TGTCCAGGAATGTGCTACACACCCCGCTCCCCTCCTTTGGTCTAGTGACGAGGACGAGCCCCCTCACT  
 AGTCTTCCAGCTGGCGCCCTTGAAGTGTGAGTGGGCAAGGGGGGGGGTCCCCGGCGCCTCAGAGCAGCA

GCCCTCTGAAGCCAACACAGCAGCAGGAAGCATCCTGTCCAGCATTGCCCATGCTTGCTGTCCCTGTTTC  
AGAGTAAAGTTAGTGTGGCCCCCAAAAAAAAAAAAAAAAAAAAA  
>GBCA0364 |Acc|Z75134|Ver|Z75134.1 GI:1770162|C.familiaris mRNA for rod transducin beta  
subunit.  
TCTGGGGATCTAAGGATAGTGAAGAGAAAAGCATAGTGACTCCATATCTCAGATTCCCTTGTAGTTGGTATT  
GAAGAGCACTAGGAACCGAAGATGAGTGAACCTTGACCACTTACGGCAGGAGGCTGAGCAGCTTAAAAACC  
AAATTAGGGATGCTAGAAAAGCATGTGCAGATGCAACTCTCTCTCAGATCACAAAACAACATCGACCCAGT  
AGGAAGAATCCAGATGCGCACCAGGAGAACGCTGAGGGGGCATTGCGCCAAAATTTATGCCATGCATTGG  
GGCACGGATTCCAGGCTTCTGGTCAGTGCCCTCACAGGATGGCAAACCTGATCATCTGGGATAGCTACACCA  
CAAACAAGGTCCATGCCATCCCTCTGCGTTCCCTCATGGGTCATGACCTGTGCATATGCCCCCTTCTGGGAA  
CTATGTGGCCTGTGGTGGCCTGGATAACATTTGCTCCATTTACAATCTGAAAACCTCGTGAAGGGAATGTA  
CGTGTGAGCCGTGAACCTGGCCGGACATACAGGTTATCTGTCTGTGCTGCCGCTTCTTGGATGACAATCAGA  
TCGTCACCACTCTGTTGGGACACCACTTGTGCTCTGTGGGACATCGAGACCGGCCAGCAGACAACCCAGTT  
CACTGGACACACTGGGGATGTTATGAGCCTTTACTCGCTCCCGACACCAGACTGTTTGTCTCTGGTGCT  
TGTGATGCTTCAGCCAACTCTGGGATGTGCGAGAAGGGATGTGCCGGCAAACCTTCACTGGCCACGAGT  
CCGACATCAATGCCATCTGTTTCTTCCAAATGGCAATGCATTTGCCACTGGTTCAGATGATGCCACCTG  
CAGGCTGTTTCGACCTTCGTGCAGACCAGGAGCTCATGACTTACTCCCATGACAATATCATCTGTGGGATC  
ACCTCGGTGCTTTCTCCAAGAGCGGGCGCCTCCTCCTCGCAGGGTACGATGACTTCAACTGCAATGTGT  
GGGATGCACTCAAGGCCGACAGAGCAGGTGTCTTGGCTGGGCATGACAACCGTGTGAGCTGCCTGGGGGT  
GACTGACGATGGGATGGCCGTGGCGACGGGGTCTTGGGATAGCTTCTCAAGATCTGGAACCTAACGCTGA  
CAGCAGGTAGACGTGCTGGCGACTGGAAGATCATCCAACTTGAAGCGTTACAGTGATAGCATTCCCAA  
TCCACCCCTACTAACGTGGACGCCCTGCACCCCTCAGAACTTCAAAGGGCAAGACCTTTTCTTCACT  
TATTGCTGAAATCAAGACCAATTTCCACGAAGAGAAGAACCTCTGTGCTGTAAACTCAAACAATTTGT  
GCATTCTCCCGGACCATTGTCTTTGTTTCTTTTTTGTCTTGGATGAATTTAAAGGAAAAACATATA  
T  
>GBCA0365 |Acc|U80800|Ver|U80800.1 GI:1737479|Canis familiaris keratinocyte growth factor  
mRNA, complete cds.  
AGAGGTCAATGACCCAGGAGCAACAATCAACTCAAGATTTAATTTTCATTATGTTATTCATGAACACCCG  
GAGCACTACCTATAATGCGCAATGGATACTGACATGGATCCTGCCAACTTTGCTCTACAGATCATGCT  
TTCATATTATCTGTCTAGTGGGCACTATATCTTTAGCTTGCAATGACATGACTCCAGAGCAAAATGGCTAC  
AAATGTGAACCTGTCCAGCCCTGAGCGACATACAAGAAAGTTATGATTACATGGAAGGAGGGGATATAAGA  
GTGAGAAGACTCTTCTGTGCAACACAGTGGTATCTGAGGATTGATAAACGAGGCAAAGTCAAAGGGACCC  
AAGAGATGAAGAACAGTTACAATATCATGGAATCAGGACAGTGGCAGTTGGAATAGTGGCAATCAAAGG  
GGTGGAAAGTGAATATTATCTTGAATGAATAAGGAAGGAAAGCTCTATGCAAAGAAAGAAATGCAATGAA  
GATTGCAACTTCAAAGAAATTAATTTCTGGAAGAACCTTACAAACATATGCATCAGCTAAATGGACACACA  
GCGGAGGAGAAATGTTTGTGCTTTAAATCAAAGGGGGTCTCTGTAAGGGGGAAAAAACGAAGAAAGA  
ACAAAAACAGCCCACTTTCTTCTTATGGCAATAACATAATCATATATGGTATATA  
>GBCA0366 |Acc|L76184|Ver|L76184.1 GI:1237264|Canis familiaris galactocerebrosidase mRNA,  
complete cds.  
ATGACGGCCGCGCGGGTTCGGCGGGCCACGCCGCGGTGCCCTACTGCTGTGCGCGCTGCTGGTGCCCCG  
GCGGCGCGTACGTGCTGGACGACTCCGACGGGCTGGGCGGGAGTTTCGACGGCGTCCGGGCGAGTCAGCGG  
CGGCGGGGCAACCTCCCGACTTCTAGTAAATTATCCAGAGCCCTATCGTTCTCAAATATTGGATTATCTC  
TTTAAGCCAACTTTGGTGCCCTCTTTGCATATTTCTAAAAGTCGAAATAGGTGGTGTGGGCGAGACAACAG  
ATGGTACTGAACCTCCACATGCACATGCAATTAGATGAGAATTTTTTCCGAGGATATGAGTGGTGGTT  
AATGAAGGAAGCTAAGAAGCGGAACCTTAATATTATACATGAGGGTTGCCATGGTCATTTCTGGATGG  
ATAGGAAGAAGTTTCAACTGGCCTTACGTGAATCTTCAGCTGACTGCCTACTATATCATGACCTGGATTG  
TGGGTGCCAAGCATTTATGATATTTGGACATTTGATTATATCGGGATTTGGAATGAGAGGTCATTTGACAT  
CAATTATATCAAGGTGTTAAGAAGAATGCTGAACATCAAGGTCTTGATCGAGTGAAAATCATAGCGAGT  
GACAATCTCTGGGAGCCCATTTCTGCTTCTATGTTGCTTGAAGCTTTTGAAGTGATTGATGTTA  
TAGGAGCTCATTATCTGGGACCCATACAGTAAGGATGCGAAGTTGACTAAGAAGAACTTTGGTCTTC  
TGAAGATTTTACCATTTAAATAGTGTGGGTGAGTATATCGGGATTTGGAATGAGAGGTCATTTGACAT  
GTCAATGGCTACATGACTGCCACAATTGCTTGGAAATTTGGTGGCTAGTTACTATGAACAGTTGCCTTATG  
GACGATGTGGATTGATGACTGCTCAGGAGCCATGGAGTGGGCACTATGTAGTAGAGTCTCCTATCTGGGT  
ATCAGCTCATACCACTCAGTTTACCCAACAGGTTGGTATTACCTGAAGACAGTTGGTCATTTAGAAAAA  
GGAGGAAGCTACGTGGCCCTGACAGATGGCTTAGGTAACCTCACCATCATCGTTGAAACTATGAGCCATA  
AACAGTCTGCTTGTATAAGGCCGTTTCTGCCTTACTTCAACGTGTACAGTCAGTTCGCTACCTTTGTTCT  
TAAGGGTCTTTTGTAGTGAATACAGAGCTACAGGTGTGGTATACGAAGCTTGGAAACCATCTGAGAGA



TATCTTTTAAACAACCTGGATTCTCTATGGCTCCTCGACAGCAGCAGCACTTTCACCCCTGGAGCTTCAGG  
 AGGATGAGATCTTACACACTCACCCTCTCACTGTGGGGAGCAAGGGTAGCTACCCGCTGCCCTCCCAAGTC  
 CGAGCCCTTCCCGCAAATTTATGAAGATGATTTCCGATGTTGATTACCCATTTTTTTAGTGAAGCTCCGAAT  
 TTCGCTGATCAGACTGGCGTCTTTGAATACTTTACGAACATTGAAGACCCCTGGAGAGCATCGTTTCACAC  
 TGCGCCAAGTTCTCAATCAGCGGCCATTACTTTGGGCTGCTGATGCATACAATAACCATCAGTATTATAGG  
 AGATTACAAATGGTCCAATCTGACTGTAAGGTGTGATGTTTACATAGAGACTCCTGAGAAGGGAGGGCGTG  
 TTCATTGCCGGAAGAGTAAATAAAGGTGGTATCCTGATTAGAAGTGCCAGAGGAATTTTCTTCTGGATTT  
 TTGCAATGGAACCTACAGAGTTACAGGTGATCTAGCTGGATGGGTGATATATGCTTTAGGACGTGTTGA  
 CGTTACAGCAAAAAATGGTATACGCTCACGTTAATTTATTAAGGGCCGGCTGTCTCTGGCATGCTGAAC  
 GGCAAGACTGTCTGGAAGAACATCCCTGTGAGTTTCCGAAGAACGGCTGGGCCGCCATTGGAACCTACT  
 CCTTTGAATTTGCACAGTTTGACAACCTTTCATGTGGAAGCCACGAGATAATTTACAGAGTACCCTAGA  
 ACCACTCTTTGGATTTTTCTTTCTTTCTTTTGGTTTGGATTGAGGCCAATTCCTTTGGTGGATCAATGT  
 GTGAGCCTCTTGGAGGCCAACAATAGTGAAGAGTAAATGGGGAGAGAACTATATCTTTGTTGATCTTCT  
 GGAAGATATTTCTTAGAAGTAATGCCAGGGGAACGAGATGGATCTTAAAGATTACCCGATATGTCCCTTA  
 GAATTCAGCTGTGTCAGTGGTCTTATTGTTAGAAGAGTGGTTTGGGTGGTTCACCTCGAAGCCTTGGC  
 ATTCATGCTGAGATGGCTCTTCTCCTCGTACGTGCAAGGGATTGTGCTGACTGCAGGAACCTGATCATCA  
 CAGGAACGGAGTGTGTCTGAGTGAGCAGATGGCCTCATCCGAGGTAATGCCACACTATAGGGAGCTG  
 AAGAACACTGGAAGTGTGCTTTTGAAGAACCTTAAACACAATAATCTTACACTCTAGAGAGTATTTT  
 TTCTTTCTTTTATATGATGATGCTTTTAAATTATAAATATGATGAGTGGATGATTTAGAAAATGCCCTCA  
 TTAATAAACACTACCTCTCAAGCTATTTCTGCAGTAATAAATATGAGCAGATTAAAAA  
 >GBCA0367 |Acc|S81472|Ver|S81472.1 GI:1478374|c=yes=proto-oncogene [dogs, spleen, mRNA,  
 1742 nt].

CGTAGGGGGCTGACGGGGGGTAGGCGCCGGAAGGCTGGGGGGCCGAAGCCGGGGCCCGTGGCCCGA  
 GTTCCGGTGAGCGGCCGCGGGGCGCAGCAATGGGCTGTATTAAGTAAGGAAGACAAAGGACCAGCA  
 ATCAAGTACAGAAACACTCCAGAGCCTGTCAGTGTGAGCCATTACGGAGCAGAACCCTCAAGCAACAC  
 CGTGCCCGTCATCATCAGGATGGGGAACGCTTTTATTTTTCAGCAGTCTTTCCATGACAGGATTTGGAGG  
 ATCCTCAGGGGTAACGCCCTTTTGGAGGTGCATCTTCCTCATTTTCAGTGGTGCCAAGTCCATATCCTGCT  
 GGTTTAACAGGTGGTGTACTATATTTGTGGCCTTATATGATTATGAAGCTAGAACTACAGAAGACCTTT  
 CATTTAAGGGAGGTGAAAGATTTCAAATAATTAACAATACGGAAGGAGATTGGTGGGAAGCAAGATCAAT  
 CGCTACAGGAAGAATGGTTATATCCCGAGCAATATGTAGCGCTGCAGATTCCATTGCTGCAGAAGAA  
 TGGTATTTTGGCAAAATGGGGAGAAAAGATGCTGAAAGATTACTTTTGAATCCTGGAAATCAACGAGGTA  
 TTTTCTTAGTAAGAGAGAGTGAAACAACATAAGGTGCTTATTCCTTTCTATTCTGATTTGGGATGAGAT  
 AAGGGGTGACAATGTGAAACACTACAAAATTAGGAAACTTGACAATGGTGGATACATATACACAACAGGA  
 GCACAATTTGATATCTGCAGAAATTGGTGAAACACTCCACAGAACATGCTGATGGTTTATGCCACAAGT  
 TGACAACCTGTGTGTCAACTGTGAAACCTCAGACTCAAGGTCTAGCAAAAGATGCTTGGGAAATCCCTCG  
 AGAATCTTTGAGACTAGAGGTTAAACTAGGACAAGGATGTTTCGGCGAAGTCTGGATGGGAACATGGAAT  
 GGAACCACGAAAGTAGCAATCAAAACACTAAAACCTAGGTACAATGATGCCAGAAGCTTTCCTTCAAGAAG  
 CTCAGATAATGAAAAAATTAAGACATGATAAATCTGTTCCACTATATGCTGCTGCTTTCTGAAGAACCAAT  
 TTACATTGTCACTGAATTTATGTCAAAAGGAAGCTTATTAGATTTCCTTAAGGAAGGAGATGGAAAGTAT  
 TTGAAGCTTCCACAGCTGGTTGATATGGCTGCTCAGATTGCTGATGGTATGGCATATATGAAAGAATGA  
 ACTATATTCACCGAGATCTTCGGGCTGCTAATATTCTTGTAGGAGAAAATCTTGTGTGCAAAATAGCAGA  
 CTTTGGTTTATGCAAGGTTAATTGAAGACAATGAATACACAGCAAGGAGCAAAATTTCCAATCAAA  
 TGGACAGCTCCTGAAGCTGCACTGTATGGTTCGTTTACAATAAAGTCTGATGTCTGGTCATTTGGAATTC  
 TGCAAAACAGAACTAACAAACAAAGGGCCGAGTGCCATATCCAGGTATGGTGAACCGTGAAGTCCTAGAACA  
 AGTGGAGCGAGGATACAGGATGCCTTGCCCTCAGGGCTGTCCAGAATCCCTCCATGAATTGATGAATCTG  
 TGTGGGAAGAAGGACCCTGATGAAAGACCAACATTTGAATATATTCAGTCTTCTTGGGAAGACTACTTCA  
 CTGCTGCAGAGCCACAGTACCAGCCAGGGGAAAACCTATAATTCAGTGGCCTGCAACTGGG  
 >GBCA0368 |Acc|S77412|Ver|S77412.1 GI:945182|CE5=epididymal secretory protein [dogs,  
 epididymides, mRNA Partial, 484 nt].  
 CTCATCTCTAAAAGCTATCAAGACAGCCACCAAGATTCTCCAAAGATGAAGGGCTTCTCTTCTCCTAC  
 TTACCATCAGTCTCCTGGTTATGATTGATCAGATACAAACTGGAGTCTTGGGGAACAGTACCACTCCTCGAAT  
 GACCACCAAGAAAGTCAAGAGTGCGACCCAGCACTCAGCAGCTGGGCGGTGGCAGTGTCTTCTCTTC  
 TTGGCCAACACCCCTCATCCAGCTCTTCTACCTCAGCTGAGGTGACATGCCTCAGCCCTAGCCCTGTGCCC  
 CCTGAGATAGCTGCCACCATCGCTAGCGAGAGAAGCTCCCCCACCACCACAGGTCCAGGAGGGGT  
 GGATGCCAGAGATCACCAGTTGTTGGAATTAACCGTAGTGCTTGGAGGCAATGACCGACACAGGGAG  
 GTACTGATACGGAGGGGCAAGCACCACCAGCTGGGGGTCAATAACATGTCCTGTACTCGGAA  
 >GBCA0369 |Acc|S77395|Ver|S77395.1 GI:945180|CE4=epididymal secretory protein [dogs,



epididymides, mRNA Partial, 552 nt].

CACCATGCCCTGCCGCCCCGGTCCTCTGGCCGGCGCCCTGCTCCTGGGCCTGCTGCTGCTCGGCCTC  
CCCCGGGTCCCAGGCGGAGAAAGTGGAGAAGACCGGCGTGTGCCCCAGCTACAGGCGGACCTGAACGTGA  
CGCAGGAGTGCGTCTCGGACGCCAGTGCAGACAACTCAAGTGCTGCCAGGCGGGCTGCGCCACCAT  
TTGTACCTGCCCCAACGAAAAGGAGGGTTCTGCCCCAGGTGAACACTGACTTCCCCAGCTCGGCCTC  
TGTCAGGACCAGTGCCAGGTGGACAGTCACTGTCCAGGCCTGTTAAATGCTGCTACAATGGTTGCGGGA  
AGGTGTCCCTGTGCTCACTCCCATCTTCTGAGCTCCAGCCACCATAGCCCAAGGAGTGGGGGAGTGGAAAGTT  
TCTGTCCAGCCCTGCCTGGCTCCAGCTCGGCTCCAGGCCGCGCTCCTTGTCTTTCTGGCCTGTACAC  
CCGCTCCAGAGCTAAGCGCAGCTTCTTCTTTTCCAACCAATAAAGTGACCGCTTCCAGCAA

>GBCA0370 |Acc|S77411|Ver|S77411.1 GI:945178|CE1=epididymal secretory protein [dogs,  
epididymides, mRNA Partial, 1222 nt].

GGCACGAGCGGCACGAGGCGATGCGTCTCTTGGTCGCGCGTTCCTGCTCCTGGCGCTCGGCGACCTCGG  
CCCTGGCGGAGCGGTGCATTTCAAGGACTGTGGTTCTGCAGTTGGAGTTATAAAGAACTGAATGTGAAC  
CCATGCCCTGCCAGCCTTGCAAACTGCACAAAGGCCAATCTTACAGTGTCAATGTACCTTCACCAAGTA  
ATATTCCATCTCAAAGTAGCAAGCCGTGGTGCATCGTGTGGGCTCGCAGTTCCTTTCCCAT  
TCCTGAGGCTGATGGTTGTAAGAGTGGAAATCAACTGCCCCATCCAGAAAGATAAGACCTACAGCTACCTG  
AACAACTGCCAGTGAAGAACGAATACCCCTCTATAAACTGGTGGTGCAGTGGATGCTTCTGGGCGACA  
ACAATCAGCATCTCTTCTGCTGGGAAATCCCAGTTTCAAGTGAAGGCTAGTGTGTTTAGGCCAGTATGT  
CATCTGGGGGTGAGAGAGCACAGTGGAGGGAGGAGGAGAAATCAGTCTAACTAATACGTGCCATAAGACG  
AAGGAATTTCCACACCACCATTTTATGCTTCTCAGCCTCCAGAAGGTTCCAGACCTGTTCTGAGAGCTC  
AGAATATTGCCCTTGTAATATCTTCTTTGAAGGGTTAGAGGGAAGAAGAGAGAGGGGAGGATAGGCATG  
AATTTAATTGTCTCAGTGTCTTCTGCTGTTGGAATACGGAGGGTCCAGCGGGTCCAGGACCCAAATGAGG  
CTGCACAGGGCCCTTGATAAATTTGCCCTCGGGTGATCAGTCTTTGCAGCGGAGGACGGGTTCCCAACCT  
CCCTCACCTCCTGGGATATTACATCCGCAAGTTCCTCATCTCCAAGTGCCTCCTTGAGTTCGGTACATTG  
GCCAGCAAGTGTGCGTACCTGTGACAGCACCTCCAGCTCTGCTGCTTCAACACAGGTACTGGCTGTCCA  
GTGGTGCCAGCATGTCAATGGAGGGGACATGCTCAACCACAGAACTCACGTCTGAGTGGCCAGTTCTC  
TATAGTTCTCTCTGCTCCTTTCTGTCTAAGGTGGTTTTCATTAAATGCAGCACTTGATTAGCAGATG  
TTTGATTTTTTTTTTTTTTTTAAACAACATAACTTGTGGCTCTTTGTGCAACTGGAAATGCTCTTTTGAAT  
AAATAAACTTTGGTGGTCTTGTCTTCTGCAA

>GBCA0371 |Acc|S75369|Ver|S75369.1 GI:833923|tissue factor pathway inhibitor=factor Xa-  
dependent inhibitor of factor VIIa-tissue factor complex of blood coagulation [dogs,  
endothelial cells, mRNA, 1260 nt].

ATGGGAAAGCAGTCTTTCCAAGAACTTTCTGCAAGGCTCGCTGAGATGATTTATACAATGAAGAAAGAAC  
AGATATTTTGGGTGCTACATATCTGCTGCTTAATGTGCTCTGCCCTCTTAATGCCGTCTTGTATGA  
AAGTGAAGAATATCCCGGATTACAGATGAGTTGCCACCACTGAGACTTTTACATTCGTTTTTGTG  
AAAGCGGATAATGGCCCATGCAGAGCAATGATTAGGAATTATTTTTTCAACATTACACTCAACAGTGGC  
AAGAATTTATATATGGGGGATGTGAAGGAAATCAAAATCGATTTGAAAGTCTGGAAGAGTGCAGAGAAA  
ATGTGTAAGAGTTTATCCAAGGCTAAGACGGAGACATTAGAAAAAGTTCTAGAAAAGCCAGATTACTGC  
CATATGAACGAAGACAGCGGACTCTGTGAGGTTTTGTCACTAGGTATTATTATAACAACGTGTCAAGTA  
AATGCGAAGGCTTCAAGTACGGCGGGTGCTTGGCAATCTAAACAACCTTTGAAACGCTGGAACAATGCAA  
GAACACCTGCGAGGGCAGCATTGATTTGCTGATGGATGAGACAGTGAATAATACAGGATCGCCTGGGTCT  
ATGAATAATACATCCCTGTTTAACTTCTGGGGATAGCCTGTTACCAGCTGATTCTGGGGATAGCATGCCAC  
CTGATTCTGAGATTGGTGGATTACAACACGATTCTGAGAGTGGTGGATTACAACACGATTCTGAGAGTGG  
TGGATTACAACACGATTCTGAGAGTGGTGGATTACAACACGATTCTGAGAGTGGTGGATTACAACACGAT  
TCTGAGAGTGGTGGATTACAACACGATTCTGGGGATAATACATCACCTCCGGTTTCTGTGAATAATGACT  
CTTTCACTCCCCGGCCTCCACGGTTTCCAGCTTTTTTAGAGTTCTACGGTCTCTCTGGTGTCTGACCCC  
AGCAGACAGAGGGCTGTGTACGCCAACGAGAGCGGATTCTACTATAATTCACTATTGGGAAATGCCG  
CCTTTTAAAGTACAGTGGATGTGGAGGAATGAAAATAATTTCACTTCTAAAAAAGCATGCCTTACAGCTT  
GCAAAAAAGGTTTCATGCAAGAAATATCAAAAGGAGGATTAATTAAGACCAAAAGAAAAGAAAGCA  
GACCGTGAAAAATAGTATATGAAAAATTTTTGTTAAAAAATATAAATTTGTACACTATTACATCAGCT

>GBCA0372 |Acc|S74068|Ver|S74068.1 GI:802044|tumor necrosis factor alpha [dogs,  
peripheral blood lymphocytes, mRNA Partial, 719 nt].

GAAAGGACACCATGAGCACTGAAAGCATGATCCGGGACGTGGAGCTGGCCGAGGAGCCGCTCCCCAAGAA  
GGCGGGGGGCCCCCGGGCTCCAGAGGTGCTTCTGCCTCAGCCTCTTCTCCTTCTCTCGTCGAGGG  
GCCACCACTCTTCTGCTGCACTTTGGAGTGATCGGCCCCCAGAGGAAGAGCTCCCAATTTGCC  
TCCAATAATCAGCCCTCTTGCCAGACAGTCAATCATCTTCTCGAACCCCAAGTGACAAGCCAGTAGC  
TCATGTTGTAGCAACCCCCAGCTGAGGGGACGCTCCAGTGGCTGAGCCGACGTGCCAATGACCTCCTG

GCCAATGACGTGGAGCTGACAGACAACCAGCTGATAGTGCCGTGAGATGGGTTGTACCTCGATAGCTCCC  
 AGGTCCTCTTCAAGGGCCAAGGGTGCCCTTCCACCCATGTGCTCCTCACCACACCATCAGCCGCTTCGC  
 CGTCTCTTACCAGACAAAGGTCAACCTACTCTCTGCCATCAAGAGCCCTTGCCAAAGGGAGACCCAGAG  
 GGGACCGAGGCCAAGCCCTGGTACGAGCCATCTACCTGGGAGGGGTCTTCCAACGGAGAAGGGTGATC  
 GACTCAGCGCTGAGATCAATCTGCCTAATCTGACTTTGCCGAGTCTGGGCAGTCTACTTTGGGAT  
 CATTGCCCTGTGAGAATTC

>GBCA0373 |Acc|S49738|Ver|S49738.1 GI:233566|granulocyte-macrophage colony-stimulating factor [dogs, mRNA, 809 nt].

AGGAGGATGTGGGTGCAGAACCTGCTTTCTTGGGCACCTGTGGTCTGCAGCATCTCTGCACCCACCCGCT  
 CACCCACCCCTTGTACTCGGCCCTCTCAGCAGTGGATGCCATCCAGGAAGCCCTGAGCCTTTTGAACAA  
 CAGTAATGACGTGACTGTGTGATGAATAAAGCAGTAAAGTGGTCTCTGAAGTGTGACCCCTGAGGGG  
 CCAACATGCCCTGGAGACCCGCTTACAGCTGTACAAGGAGGGCCTGCAGGGCAGCCTCACCAGCCTCAAGA  
 ATCCCTTAACCATGATGGCCAATCACTATAAGCAGCAGTGTCCCCCTACCCCGGAATCTCCCTGTGCAAC  
 CCAGAATATTAACCTCAAAAGTTTCAAAGAGAACCTGAAGGATTTTCTGTTTAATATCCCTTTGACTGC  
 TGGAAACCAAGTCAAGAAGTGAGGCAGACCCAGTCCAGCCAGGAGCCAGCCAGTCCAGCCAGAAGCCAGCC  
 CTGAGAGCATACCTCATACCTCACAAGTCACTGCCTTTCTACCCATGGATTGCTGAAACTCAGGATCTTC  
 ACCTTTGAGGGACACCGGGTGGACCAGGCAGTAGAGGGGGCATGGACTTGCTCTGGCCATGCTGCCCGG  
 ATACAGCTTGGTATGGGGAGCGGGGAATGTTTTATACTGGCAGGGATCAGTAATATTTATTTATATATT  
 TATGTATTTTAAATATTTATTTATTTATTTAAGATCATACTCTGTATTTATTCAAGACATTTTACTA  
 TTATAATAAATTATTTAAAGCCTGTAAAAA

>GBCA0374 |Acc|U69963|Ver|U69963.1 GI:1546836|Canis familiaris delayed rectifier potassium channel protein mRNA, complete cds.

ATGGCAGAAAAGGCACCTCTGGCCTGAACAGGAAGACCTCCAGGTCGACCCCTCTCCCTTCCACCCGAGC  
 CCGTGGACATCATTAGGAGCAAGACGTGCTCGCGGCGGGTTAAGATTAACGTGGGCGGCCTCAACCACGA  
 GGTCTGTGGCGCACGCCGACCGCCTGCCGCGCACGCGCTGGGGAAGCTGCGGGACTGCAACACGCAC  
 GAGAGCCTGCTCGAGGTGTGCGACGACTACAACCTGGGACACAACGAGTACTTCTTTGACCGGCACCCGG  
 GGGCCTTACCGTATTTTAAATTTCTACCGGACCGGGAAGCTGCACATGATGGAAGAGATGTGCGCGCT  
 CTCCGTTGGCCAGGAGCTCGACTACTGGGCATCGACGAGATCTACCTGGAGTCGTGCTGCCAAGCCAGG  
 TACCATCAAAAGAAGGAGCAGATGAACGAGGAGCTGAGGCGGGAGGCCGAGACCATGCGGAGACGGGGAGG  
 GGAAGAGTTGATAACACCTGCTGCCCGAGAAAAGGAAGTCTCGGGACTTGCTGGAGAAACCTAA  
 CTCTGTCGGTGGCTGCAAGATCTTGGCCATCGTGTCTAACCTGTTTCATCGTACTCTCCACCATCGCACTG  
 TCTCTCAACACTTTACCAGAGCTGCAGGAAATGGATGAGTTTGGACAACCCAACGACAACCCCCAGTTGG  
 CACACGTGGAGGCTGTGTGTAATGCTTGGTTTACCATGGAGTACCTCTTACGTTCTCTGTCTCACC  
 TAAGTGGAAGTTCTTTAAAGGCCCACTAAATGTCTATTGTTGCTGGCCATCTTGCCCTATTATGTCAAC  
 ATCTTCTCAGCGGAGTTCAACAAGAGCGTGTCTGATTTCCAGAACGTGCGGCGCGTTCGTTTCAGATCTTC  
 GGATCATGCGCATCCTCCGATCCTGAAGCTGGCCAGACATTCACAGGCCTGCAGTCTTTGGGGTTCAC  
 CCTCAGACGGAGTTACAACGAGTTGGGCTTACTGATCTATTTTGGCCATGGGGATAATGATATTTTCC  
 AGCTGGTTTTTTTTGCTGAGAAGGATGCCGATGCTACCAAGTTACCAAGTATCCAGCGTCTGTTTTGGT  
 GGGCCACCATCACCATGACCAACCGTGGGCTACGGTGACATTTACCCCAAGACACTACTAGGGAAAAGCGT  
 GGGAGGCCTCTGCTGCATTGCGGGGTTCTGGTGATTGCCCTTCCCATCCCGATCATCGTGCCTCTCTTTT  
 TCTGAATTTTACAAGGAGCAGAAACGCCAGGAAAAGCGATTAAAGGCGGGAGGCTCTGGAGCGGGCCA  
 AAAGGAACGGAAGCATCGTTTCTATGAACCTAAAGATGCCTTTGCTCGAAGCATGGAAGTATAGACGT  
 GGCCGTGGAGAAGGAGGCGAGTCTCCAGTACCAAGGACTCGGCTGACGATAACCACCTCTCTCCAAGC  
 CGGTGGAAGTGGGCCAGGAAAGCTCTGTGCGAAACAAGCTCCAACAAGTCTTACGAGAACAAGTACCAGG  
 AGGTGAGCCAGAAGGACTCCACAGCAGCTGAACAACACGTCTTCTCCAGCCCGCAGCATCTGAGCGC  
 CCAGAAGCTGGAGATGCTCTACAACGAGATCACCAGACCCAGCCTCACCCTCGCCCGAACCCCGACGGC  
 CAAGAGCGGGGAAGGGGCGCTGCGCCTACGAGGAGGAGATCGAAATGGAAGAGTGGTCTGCGCCGAGG  
 AGCAGCTGGCCGTGGCGCAGGGCGAGGTCTCGTGACATGAAGAGCACGTCCAGCATAGACAGCTTCAC  
 CAGCTGCGCCACCGACTTCACCGAGACGGAGAGGTGCGCCCTGCCACCACTCTCCGCTCCACCTGCAG  
 ATGAGGTTCCCCCGACCTCGCAGGGACCGACGAGCACCAGAGCCCGGGGGCCCCGTTCTCTGATGC  
 TCGCCAGGGGGAAGGGGCGCTGCGAGGGATGCGCCTGGAATATGCTCCAGTCGACATAACGGTGAAG  
 CCTGGATGCCAGCGGTTCCAAAGTGGGCTCACATGGTCCCCTGCAGCCCGACAGTGCCTCGGAGAGCCCC  
 AAGAGTTCGCTGAAAGGCAGCAACCCCTGAAATCCAGATCGCTCAGAGTGAAGTCAAGGAGAACAGAG  
 GCAGCGCCCCGACAGACCCCGCCAGCACAGCCCGGCGCTGCCCGTACCACGGCGGAGTCTCTCCCTCAC  
 CGCCCCGAGCTCATCAGCACCATCCTCTAGAGAGACCCCTCCAGGGAGACAGCCCTTGCTGGGCG  
 CCGAGGGCTCGGCACACTGTGAGGGACCTTCCAAGGGGCTGTCCCCCGGTTTCCCAAGCAGAACTCTT  
 TCCTTTCTCATCAAGAGAGAGGAGGAGCTTCACTGAAATAGACACTGG

>GBCA0375 |Acc|X83591|Ver|X83591.1 GI:619067|C.canis Pax8a mRNA.  
ATGCCGCACAACCTCCATCAGATCCGGCCATGGAGGGCTGAACCAGCTGGGAGGGGCTTTGTGAACGGCA  
GACCTCTGCCCTGAAGTGGTACGTCAACGCATCGTGGACCTGGCCACCAGGGCGTGAGGCCCTGTGACAT  
CTCCCGCCAGCTCCGAGTCAGCCATGGCTGTGTGTCAGCAAGATCCTTGGCAGGTACTACGAGACTGGAAGC  
ATCCGGCCTGGAGTGATAGGGGGCTCTAAGCCTAAGGTGGCCACCCCAAGGTGGTGGAGAAGATTGGAG  
ACTACAACGGCAGAACCCTACCATGTTTGCCTGGGAGATCCGAGACCGGCTCCTGGCTGAGGGTGTCTG  
TGACAACGACACTGTGCCAGTGTGTCAGCTCTATCAACAGAATCATCCGGACCAAGTGCAGCAACCGTTT  
AACCTCCCCATGGACAGCTGTGTGGCCACCAAGTCCCTGAGCCAGGACACACGCTGATCCCCAGTTTCTG  
CTGTACGCCCCCAGAGTACCCCCAGTCACTCCCTGGGATCCACCTACTCCATCAACGGGCTCCTGGG  
GATTGCTCAGCCCGGCAGCGACAGCAAGAGGAAGATGGATGACAGTGACCAGGACAGCTGCCGGCTGAGC  
ATCGACTCCCGAGAGCAGCAGCAGCGGGCCCCGCAAGCACCTTCGACAGGACGCTTCAGCCACACCCACC  
TTGAGCCACTCGAGTGCCCATTCGAGCGGCAGCACTACCCGGAGGCTATGCCTCCCCAGCCACACCAA  
AGGCGAGCAGGGCCTCTACCCGCTGCCCTGTCTCAACAGCGCCGCCCTGGACGACGGCAAGGCCACCCCTG  
ACCCCTTCCAATACACCCCTGGGGCGCAACCTCTCGACTCACCAGACCTACCCCGTGGTGGCAGATCCTC  
ATTACCCCTTCGCCATAAAGCAGGAAACCCCGAGGTGTCCAGTTCTAGCTCCACCCCTTCTCTTTATC  
TAGCTCCGCCCTTTTGGATCTGCAGCAAGTCGGCGGCGCGGGGTCCAGCCGCTGCCTCGGTCCCGCCC  
TTCAATGCCTTTCCCCATGCTGCCTCCGTGTACGGGCAGTTCACGGGCCAGGGCCTCCTCTCAGGGAGAG  
AGATGGTGGGACCCACTGCCCCGATACCCACCCACATCCCCACAGTGGACAGGGCAGCTATGCCTC  
TTCTGCCATCGCAGCATGGTGGCAGGAAGCGAATACTCTGGCAATGCCTACGGCCACACCCCTTACTCC  
TCCTACGGCGAGGCTGGCGTTTCCCAACTCCAGCTTGCTGAGTTCCCCATATTATTACAGTTCCACAT  
CAAGGCCAAGTGCGCCACCCACCACCGCCACGGCCTTTGACCATCTGTAG  
>GBCA0376 |Acc|X69164|Ver|X69164.1 GI:402557|C.canis mRNA for mucin.  
AACCCCGGAACCGGGTGCGGGGTGTTCAAGAATGTCCATTCTCAAGATCCATGCCCGTGAAATCTTTGATT  
CCCGTGGGATACCCACTGTTGAGGTAGACCTCTACACCACCAAGGGTCTGTTTCAAGCTGCTGTTCCAG  
CGGTGCCTCACTGGAATTTATGAAGCTCTGGAACCTTGTGACAATGACAAGGACACCTACAGGGAAGGTG  
TCTCAAAAAGCTGTTGAGACATCAATAAAAACAATTGCACCCGCACTGATTAGCAAGAATGTCAATGTAG  
TGGGAGCAAAAGACAAAGATTGACAACAACTGATGCTGGGACATGGATGGATCAGAGAACACGCGCGTCAGG  
CACTACAACGTACCCCTCCGCGAGGCCGACCCCAACGCCGACCCCACTCTCCACACCCGCATCATCATCA  
GGACCACAGCCTAGGTTCTACCCCTCCTCCGTGCTTTCTGCTGTGTCCGAAACGACACCTACTACCACCTA  
CGCTGAGGCCCTACCCCTTCTCTGTGCTTATCTGCTGTTCCCTGACGACACCATCTACGGCACCAAGGTGA  
GGAGGTGTACACCGCGGAATTTCGATATTTCAAGCTTATCGATACCGTCGTCAGCCCCACCCAGACGGCA  
GACGACCCACCAAGTGCTGACCCCAACGCGGACCCCACTCTCCACACCCAGCATCATCAGGCCACAGC  
CTGAGGCCCTAACCCCTTCTCTGTGCTTATCTGCTGTGTCCGAAACGACACCCGACACCCATCTCCACCAC  
CACTACGGTGACCCCAACCCCAACACCCACCCGACACAGACCCCAACACGGTACTCATCACCAACCACTA  
CGATGCCAACCACAACACCCACAGCCAAAAGCTGCGTGGATCAGACACCCCGTCTCTGGTTATAGCACT  
AGTGACCCCAACCCCAACACCCACCGGCACACAGACCCCAACACGATACGCATCACCAACCACTACCA  
GTGACCCCAACCCCAACACCCACCGGCACACAGACCCCAACACGATACGCATCACCAACCACTACCA  
TGACCCCAACCCCAACTACCACAGCACAAAGGTACTCTGACACCATACCACTACTACGGGGGTGAC  
CCCCACCAACCCGACACGAGACACCAAAACAGACTACCCATACCACCTACCAACGGTGACCGCC  
ATCGCCACCAACCCGACAAAGACCAACACGTAACCTACACACCACTACGGTGACCCAAACCAACCC  
ACCGGCAAAACCAAGACCCCAACCAACGACACCATCACCAACCAACCAACCGGTGGACCCAAACCAAGCA  
CCCCTCTCCACCACTAGGTGACCCCAACCCGACACCCACCCGACACAGACCCCAACCAACGACACAC  
ACCACCAACCAACCGGTGACCCCAACCCGACACCCACCCGACACAGACCCCAACCAACCGGTACTATACCA  
CCACCACTACGATGACCCCAACCCGACACCCACCCCGACACAGACCCCAACCAACGACCCCACTACC  
ACCACCAACCAACCAAGTACGCCACCAACCGCACTCCCGCCACTGTGTAACCTCACTCTGGATCTCCT  
CTAACGCATATCCAACACGCCCCAGACTAATCTCCTCGAGAAAACCGGAGTGAACCTATTATACACAC  
CGACACATACCATGATCATCTCATCCGAGCCATGGCCACACCTCCTTCACTGGTGCATAGTAGGTGTGCG  
TTCAGGACACAGCAGTAAAGCACAGAGGAAGTCGAGGGCCTCAGGCTGTGGTCTGATGATGCTGGGGGTG  
GAGAGTGGGGTGGCGCTTGGGTCAACGCACGCTGGTGGTGTCTGGTGGCTAGTAGGTGTGCTTTACCC  
GACACAGAGCAGAGCAAGGGCTAGGGCTGTGGTCTCGATGATGCTGGGTGTGGAGAGTGG  
GGTGGGCGTTGGGGTCAGGCACTGTGGTGGTGTCTGTCACAGTGTGGGGGTGGGGCTGAAGATGACCCG  
GGTGTGTACCGCGAGTGGGGGCTCTCAGGATTCCACACAACATACGAGCCGAAGGCCATAAAGTGTGA  
AAGCTGGGGTGCCTAATGAGGAGCTAACTACATATATTGCGTGCGCTTCCGCCCTTCACTCGGAACCTG  
TCAGCTGATGATGATGCTGCGACCGCTACAATTACACAACCAACAGCCGAAGCATAAGGAAGCCTAAAACT  
ATAAGTGAGCTAACTACATATGCGTGCGCTCCACTGCCGCTTCACTCGGAACCTGCTGTCAGCTCGATA  
TGATCGCAACGGGTGGGGCTGAGAGACCGGGTCAGATGGCTGGAGCAATGCCTGCAGGTGACTCTAGAGG

ATCCCCGGGTACCGAGCTCGAATTTTCGTCCCAATGGACTACAGGCCCAACCCCGACACCCATCTCCACC  
ACCACTACGGTGACCCCAACCCCAACACCCACCGGCACACAGACCCCAACACGACACCATCACCACCAC  
CACCAGGTGACCCCAACGAAAGGAAAGACTGTATATAAAATCATAGGTTCTCTGAGAACTACCTTTAACCT  
CCCGGGCTTGGTTGGGTTATATAACTATATGTAATGCGCTGATGCAATCCAATCGCAAGACAAAGACGGCG  
GAAACGATAAATGTGAAAACGCTGGGGTTCGCTAATGATGGACGTAACCTCAATTAATTCGTGTCCGCTCA  
CTCCGCCGTTTCCATCGGGGAAACCTTGTGCCGACTCGCGATTAAATGAACCCGACCCGCGGAGACGGGTTTC  
GGTGATTGGCGCAGGGTGTCTTGTCTGTCTTAACGACACCTACTACGCACAGGGTGATTAGGTGTACT  
ACAGCGCCAAACCCGACACCCATCTCCACCACCACTACGGTGACCCCAACCCCAACACCCACCGGCACACA  
GACCCACCACGTACCCATCACCACCACCAACCGGTGACCCCAACCCGACACCCACGCACACAGACCCCAAC  
CACGTACATACCAACCACAGGTGTCCGATTGAGAAGCCAGTGGAAGATCCTCCAGGTGTGGGAAGACC  
ATGGGATGTGGACCTACTCTACTGTCTGCCGGGGTGGGAGGGGTGGGGTGCCGTGGGTGCTGTGCTCTCT  
CCGGGTGTGTGTGAGAGGTGGCGGGTCTGGTACTGGTCAGAATCAAACCTGGTCCCTGCCCGATCATTGA  
GGCTCTAGCCAAAGTACAACCAGCTGTCTGAGATTGAAGAGACTTGGCAGCAAGCGGCCCTTTGCTGGGAAGA  
AACTTCAGGAACCCCGTATCAACTAACTGCGTGGATCAGACACCCCGTTCTGTTTATAGCACTAGTC  
ACCTACTTAGATCACAACTTCTGTATTAGAAAAGATGAGGCAGCTGAAGGAAAAGACCAAGTTGCAGGTCC  
TCTCCCTCCTAGATGACTCCTTACCTAGTGTTCACACAGCTCTGATCTGTTACTTGTACGATCTGCTT  
TTGACAATCCAGTGAGGTTTTGTGTAAACATGCTCCGGAACGTGACCGTTGACACTGGGCATTAAGCAA  
TCCCTTCTCTGCTGTCTGGTCTTTGATGTTTGGAGCTGTTTGAATTGCAGGACAGCTAATGAGGTACCT  
ACAAACAGATAGTACTGTTTTTACATGTGATAAATAAAAGCATCAAACAACCCCAAAAAA  
>GBCA0377 |Acc|X92448|Ver|X92448.1 GI:1103636|C.familiaris mRNA for alpha-L-fucosidase  
protein.  
GGCGACGCGCGTTTCGGCGATGAAGCCCTGGGCGGTGGGCCTCGGGCCGCGCGCCGCTGCCGTGCCGCTGC  
TGCTGCTGCTGCTGCTCGGCGCGCGCTTGGTGCGCGCGCGCCCTCCGCGCGCGCTACACCCCGGACTG  
GCAGAGTCTGGACTCGCGCGCGCTGCCGCGACTGGTTCGACAAGGCCAAGTTCCGGGTGTTTCGTGCACTGG  
GGCGAGTTTCGCGGTGCCGCGCTGGGCGAGCGAGTGGTTCGTGGGCACTGGAAGGGCGAGGGGCTGCCGC  
AGTACGAGCAGTTTCATGAGCGAGAACTACCCGCGCGGCTTCAGCTACGCGGACTTCGGGCGCGAGTTTCC  
GGCGCGCTTCTTCCACCCCGACACCTGGGCGCGACTCTTCCAGCGCGCGGGGGCCCGGTATGTAGTCTCTG  
ACGACAAAGCACCACGAAGGCTTCACAACTGGCCAAGTTCTGTGTCTTGGAAATTGGAACCTCTAATGATG  
TGGGTCCCATCGTGATTTGGTTGGTGAGTTGGGAAGAGCCCTCCGGAAGAGGAACATACGTTATGGACT  
CTACCACTCACTTTTGAATGGTTCACCCACTGTACCTACTTGATAAGAAAAACAACCTCAAAACACAG  
TTTTTTGTCGGTGCAAAAACAATGCCAGAACTATATGACCTTGTAAACAGGTATGAACCTGACTTGATTT  
GGTCTGATGGGGAGTGGAATGTCTGTACTTACTGGAACCTACAGAGTTTCTTTCTTGGCTCTACAA  
TGATAGTCCAGTCAAGGGTCACGTAGTGGTAAATGACCGGTGGGGTCAGAAGTGTCTGTCTACCATGGA  
GGATACTACAAGTGTCAAGATAAATACAAGCCAGAGAGCTTGGCAGACCTTAAGTGGGAATGTGTACCT  
CCATAGACAAGGTCTTGGGGCTATCTGTAACATGGTGATGTGCGGACGTTGCAAGTGAATGTGTAAT  
CATCTCGGAAGTGGTTCAGACAGTGGCTTGGGAGGCAACTACCTCCTCAACATTGGACCAACTAAAGAT  
GGACTGATTGTCCCATCTTCCAAGAAAGCTTCTTTCCATTGGGAAGTGGCTAAGCATCAATGGGGAGG  
CTATCTATGCCTCTAAACCGTGGAGGGTACAACCTGGAAAAGAACAGCACTTCTGTGTGGTATACCTCAAG  
AGGAATGACTGTTTATGCCATTTTCTGCGCTGGCCAGAAAATGGAGTCTTAAGCCTTAAATCCCCAGTA  
ACTACCTCGACTACACAGATAACGATGCTGGGGATCCAGAAAGATCTGAAGTGGTCCACGGAACCAAGAG  
GTCTCCTCATTTATCTGCCCCAGTTTACTCTTCTGCGAGTTGAGTTTGGTTGGACTATAAAGCT  
GACAGGAGTGGAATGATTGTTGGAGTTTCAGGAGGAAGTGCCTCCTGTTGGCTGCTTTGGTTTCTCTTA  
TAGCACCATCGTTGTAATAAACTACTTCTTATTCAGAGATGGCTTTTCCAACACATTTTAAATCAAAGGA  
ACTGAGTGCATTATACTGATGTCTCAATGGATCAGAGATCTGAGATCCATTGCTAGCATACCTCTCTCTG  
ATCAGCAAGAGGCACTAGCTGGTTAAGCTCTGCGTCATCCTTCTATTCTTAACCTTGGGAAATATCTACC  
CCAGAAACTTCCCTCCATTCTTGTGTTTGAACCTATTTCTTACTCAATGACTTCAGATAAAGAATGA  
GCCAAGTCAACCCATGCTGGAAGATGGAAGAGGATCTGGCAATCTCAACCATCACTGTGTGTTT  
AGCATCAGTTGTACACAGCACCCTCCAAGAGGAGGAGATCCTGGAAGGAAGCAAGAGGCTAGCAAGGGC  
TGCCAATGGTCAGTCTCTTTGGAAGTTTCCATAGCAAACTAGGTGCTCAGAAATTCAGTCTGTTTACAGT  
GATAGGATGAAGAAAATGAATGTGATTCTGCCCTGCTTTTTAAATATAATCAAATAAATAAATTTTGG  
TGCAAAATCATTTCTATCAAAAAA  
>GBCA0378 |Acc|U57440|Ver|U57440.1 GI:1373261|Canis familiaris signal recognition  
particle component SRP14 mRNA, complete cds.  
ATGGTGCTGCTGGAGAGCGAGCAGTTCTGACGGAGCTGACCAGACTCTTCCAGAAGTGCCGCTTGTCCG  
GCAGCGTGTTCATCACCCTGAAGAAGTATGATGGTCAACTAAACCATTTCCAAGGAAAGGTTCTGTAGA  
GGGCTTTGAGCCCTCAGACACAAGTGTCTGTTAAGGGCTACTGATGGGAAAAAGAGATCAGCACCGTG  
GTGAGCTCAAAGAAGTAACAAGTTTTCAGATGGCTTACTCAAACCTATTGAGAGCTAACATGGATGGAC

TGAAGAAGAGGGACAAAAAGAGCAAGAGTAAGAAGAGCAAACAGCACAGTGA  
>GBCA0379 |Acc|L06130|Ver|L06130.1 GI:290083|Canis familiaris CD4 antigen mRNA, complete cds.  
GCAGAAGTAACAAGCGTTCTTCCCCGTGCGCTCCTAGCCTTCACATAGACACACCTGCGTGAGAAGCAGA  
GGGGAGGAAAGACACAGGCCCCAGAGGCCCTGCACCTTGTGCGGTGTGGGGGAAGGCCAGGTCCCTGCC.  
TGCTCAGGGAATCCACAATGAATCAAGAAGCGGCTTTTAGGCACCTGCTCCTGATGCTGCAATTGGTGA  
TGCTCCCAGCGGTCACTCCTGTAAGAGAAGTGGTGTGGGGAAGGCAGGAGATGCAGTGGAGCTGCCCTG  
CCAAACTTCCAGAAGAAGACATACACTTCACTGGAGAGATTCTTCCATGGTCCAGATTCTGGGAAAT  
CAGGGCTCCTTCTGGACTGTAGGCAGCTCCAGGCTGAAGCATCGTGTGTAATCGAAAAAAACCTGTGGG  
ACCAAGGATCCTTTCTCTGGTCAATCAAGGATCTCGAAGTTGCTGACTCAGGGATTACTTCTGTGACAC  
AGACAAGAGGCAAGAGGTGGAATTGCTGGTGTTCACCTTGACTGCCAAGTGGGACTCTGGCAGCAGCAGT  
GGCAGCAGCAATATCCGCCTGCTGCAAGGGCAGCAGCTGACCCTGACCCTGGAAAAACCCCTCAGGGAGTA  
GCCCTTCAGTGCAATGGAAGGTCCAGGGAACAAAAGCAAGCATGGTGGCCAAAACCTTTCACTGCTCTG  
GCCGAGCTGCAGGACGGTGGCACCTGGACATGTATCATCTCCAGAGCCAGAAGACAGTGGAGTTCAAC  
ATAACGCTCTTGGTGTGGCTTTCAGAAAGGTCTTCAACACATTCTATGCAAGAGAAGGGGACCGAGTGG  
AGTTCTCCTTCCCACTTAGCTTGAAGATGAAAACCTGGTGGGGAAGTGGAGTGGCAGGCACAGGGGGC  
CTCCTCGTCTTGTCTGGATCTCCTTACCTTAGAGAACAGGAAGCTGTCTATGAAAGAGGCCATGCCC  
CCCCTCAAACCTCAGATGAAGGAATCGCTCCACCTCCGCTTTACCTTGGCCCAAGTTTGTCTCGGTATG  
CTGGTTCTGGAATCCTGACCCCTGAATCTTGCCAAGGGGACGTTGTACCAGGAAGTGAACCTCGTGGTAAT  
GAGAGCAAATAGTTCTCAGAACAACTGTGACCTGTGAGGTGCTGGGACCCACCTCCCCTGAGCTGACACTG  
AGCTTGAATCTGAAAGAGCAGGCTGCCAAGGTCTCAAAGCAGCAGAAGCTGGTATGGGTGGTGGATCCTG  
AGGGGGGAACGTGGCAGTGTCTCTGAGTGACAAGGACAAAGTCTGCTGGCATCCAGCCTCAATGTTTC  
ATCCCCAGTGGTCAATCAAGTCTGGCCAAAGTTCTTGCTATACGCTGGGCGGGATCTTAGGCCCTCTG  
CTTCTAATTGGGCTTTGCGTCTTCTGCTGTGTTAAGTGTGGCGCCGAGGCGCCAGGCAGAGCGGATGT  
CTCAGATCAAGAGACTCCTCAGTGAGAAGAAGACCTGCCAATGCTCCCACCGGATCCAGAAGACGTGTAG  
TCTCATTTGAGGCGCGGGGCCAGGTGGAGCTTCCGGCTTGAAGCTACCGGCTGTCTCCCTGCCTTT  
CCTGCTGGGCTCCTGGGCTGCGGACAGATGAATGTAGCGAACC  
>GBCA0380 |Acc|X92505|Ver|X92505.1 GI:1054712|C.familiaris mRNA for VIP17/MAL  
proteolipid.  
AGCCGCGGTCCAGCCCGCGGCATGGCCCCAGCAGCGGCGTGGGGGGCAGCAGCCTGCCAGCGGCTT  
CTCCGTCTTACGACCTTCCCGACCTGCTCTTCATCTTCGAGTTTATCTTCGGGGGCTGGTGTGGATC  
TTGATTGCCTCGTCCCTGGTGCCCATCCCCCTGGTCCAGGCTGGGTGATGTTTGTGTCTGTGTTCTGCT  
TCATGGCCACCACAGCCCTGCTTGTCTGTACATAATTGGTGGCCACGGCGGGGAGAATTCTGGGTAC  
CCTGGATGCAGCCTACCAGTGTATTGCTGCCCTGTTTACCTCAGCGCCTCTGTGCTGGAAGCTTTGGCC  
ACCATTTGGGATGCAGAGGGGTACACCTACAACAGTACACGAGAACATCTCTGAGTGGTGTGTTTCAT  
ATGTGGCCACTCTGCTGTACGTGGTCCATGCAGTGTGTTCTTTAATCAGATGGAAGTCTTCATAAAGCAG  
CAGAATTTTGTGAAAACCCAGACGGTGTAACTGATCAGCCTGCCTTCCAGCATAACATTTTAGAATG  
CACAAATACTCTCGATGGTGGAAAAAGAAACAAAAAGCGATGCTCTGTTTCTGTGGGTGTTATGTTTA  
CTCTCCCATATACCTTCTATGTGAGGGCTGGGGGCTGTATGTTTAACTCCAACCACTGAGCTGTCTTTC  
TAGAGCTGTTTCTATTTGTGGAAGGGGCTGTGGGCTGGGAAATAGGGACTGTGCCACGAAACAAAG  
ATCCCCTGGTGACCCCTGGACCGGATCTTGAGAAGTGTCTGTTGGACTCCCAAGCTCTTTTGAGTAC  
CCATCTGGGGCAGCTTTCAGTCTTTCATGGATAGTCTCCCTGTCTAGGGAGTAAAGGTCACCCAACA  
AGTATCTGCAGATGTCACAGTGGAAGATGATAACCTTTGAAATACTTTATAAAATGCCTTTATGCTCA  
ATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBCA0381 |Acc|Z49944|Ver|Z49944.1 GI:887407|C.familiaris mRNA for CDC42 GTP-binding  
protein.  
GGAATTCGCCACCATGCAGACAATTAAGTGCGTTGTTGTGGGCGATGGTGCCGTTGGTAAAACATGTCTC  
CTGATATCCTACACAACAAACAAATTTCCATCTGAGTATGTACCGACTGTTTTTGACAACATATGCAGTCA  
CGGTATATGATTGGTGGAGAGCCATATACCTTGGACTTTTTGATACTGCAGGGCAAGAGGATTATGACAG  
ATTACGACCGCTGAGTTATCCACAACAGATGTATTCTAGTCTGTTTTTCACTGGTCTCTCCATCCTCA  
TTTTAAAATGTGAAGGAAAGTGGGTGCTGAGATAACTCACCCTGTCCAAAGACTCTTTCTGTGCTT  
TTGGGACCCAAATTGATCTCCGAGATGACCCCTCTACTATCGAGAACTTGCCAAGAACAACAGAAGCC  
TATCACTCCAGAGACTGCTGAAAAGCTGGCCCTGACCTGAAGGCGGTCAAGTATGTGGAGTGTCTGCA  
CTCACACAGAAAGGCCTAAAGAATGTATTTGACGAAGCAATATTGGCTGCCCTGGAGCCTCCAGAACC  
AGAAGAGCCGAGGTGTGTGCTGCTATGAGGATCC  
>GBCA0382 |Acc|X80209|Ver|X80209.1 GI:757783|C.familiaris mRNA for annexin XIIb.  
AACTGTCTTAGAAAAACGAAATGGGCAATCGTCATAGCCAGTCTTACTCCCTCTCAGAAGGCAGTCAAC

>GBCA0384 |Acc|X75094|Ver|X75094.1 GI:488788|C.canis mRNA for inositol-1,4,5-



trisphosphate 5-phosphatase.

GAATTCGGAACCTTCGGCGGGCGGACCCCTAATGGCTGCGCGGGGCCGCGGTGAGGCGCGGGCAGAGAGC  
 GACGGGCGCGGGGCGCGGAGCAGCGAGGGCGAGCGAGTGCGCGCGCGGGCCGACCCCGGCCAGGCCCCG  
 CCCGACCCCGCGAGCCCGCGATGCGCCCCGGGGCGCCCCCGCGCAGTGACGCGCGGGCCCGCGAGAC  
 CCGCGCCGGCCCCGCGCGATCCCGCGCGCCCGCCAGGCCGCGATGGCGGGGAAGGCGGCCCGCCCGGGCA  
 CCGCGGTGCTGCTGGTCACGGCCAACGTGGGCTCGCTGTTTCGACGACCCAGAAAACCTACAGAAGAACTG  
 GCTTCGGGAGTTCTATCAGGTCGTGCACACACACAAGCCTCACTTCATGGCCCTGCACTGCCAGGAGTTC  
 GGAGGGAAGAACTACGAGGCCTCCATGTACACGTGGACAAGTTTGTCAAAGAGCTGCTGTCCAGTGACG  
 CGATGAAGGAGTACAACAGGGCCCCGCTCTACCTGGACGAGAAGTTCAAATCCCAGGAGCACTTCACAGC  
 GCTAGGAAGCTTTTATTTTCTTACGAATCCTTAAAAAACATCTACCAGTTTGAAGTTTAAAGCCAAGAAG  
 TATAAAAAAGTCACCGGCAAGGAGATCTACTCGGACACGCTGGAGAGCAGCCCCATGCTGGAGAAGGAGA  
 AGTTCCCGCAGGACTACTTCCCGAGTGCAAATGGTCGAGAAAAGGCTTCGTCCGGACAAGATGGTGCGT  
 GGCGGACTGTGCCCTTGACTTGGTCAACATCCATCTTTTTTACGATGCTTCCAATTTGGTTGCTTGGGAG  
 ACGAGCCCTTCGGTGTATTGGGTCATCCGACACAAGGCCCTGGGCTACGTGCTGGACAGAATCATCGACC  
 AGCGATTTCGAGAAAGTGTCTACTTTTGTGTTTGGCGATTTCAACTTCCGGCTGGACTCCAAGTCCGTGGT  
 GGAGACTCTCTGCACAAAGGCCACGATGCAGACGGTCCGCGCGCCGACACCAATGAAGTCGTGAAGCTG  
 ATATTTTCGCGAGTCGAGACAATGACCGGAAGGTTCATGCTTCAGCTGGAGAAGAACTCTTCCACTACTTCA  
 ACCAGGAGGTTTTCCGTGACAACAACGGCACTGCGCTCTTAGAATTTGACAAAGAGCTGTCTGTTTTTAA  
 GGACAGGCTGTATGAGCTGGACATCTCGTTTCTCTCCAGCTACCCGTACAGCGAGGACTCCGGCCAGGGC  
 AGGCAGTACATGAACACCCGGTGCCCCGCGTGGTGTGACCGCTCCTCATGTCCCGCTCCGCCAGGGAGC  
 TGATCCTGAAGTCGGAGAGCGAGGAGAAGGTTGTACCTACGACCACATCGGGCCTAACGTCTGCATGGG  
 AGACCACAAGCCCGTGTCTTGGCGTTCCGCTCGCGCCCCGGGCGAGGTAAACCTCACGCCCATGTGCAC  
 AAGTGTGTGTGTCAGTGACGTGTGGGAGCGATGGCAGCGACACAGAGGGCCCTTCGCGAGACCTC  
 CCTGTAGCGCGAGGAGCAGGTGACGTCCCGTCCATTGAGATACGTCTCTACAGCTGCATCGACAACCC  
 GCCGAGCGCCACCCGCTAGACGGCCGGCCCCACACTTCGCTTCAGCCTCCGGACGTTCCGGAAAAAGCCT  
 CACATACCTCACTGTCTTGTCTGTTCTGTGACATTAAGTAGAAATATTGGGTTTTTGTATAAAGTCACC  
 GTCCCTGTTGCCAAAACCTCTATAGACAGGAGAGGAGTCTGTACCTGAGACTTCAGAGTTTCAATTTTTAA  
 TGATTGTGACGCTGGGAAGAGCTTCTCCGGCGTGGAAGCCCCCGAGGCCACGTCCCTCTGCCAGCTGG  
 AGTGCGCCCGGGCGAGCGGCTGGGCGGTGTGGCCGCTGGAGGAGAGCCGGGGCCCGTCTCCGCTCCGG  
 GGCTTGCCTGCGGTGTTATTTACTCCCCGCGTGTACTGTTTGAATTTTGAATCACACTGCAGCTGCTTT  
 TCCATTTTTATATATATAAATATATATATATCTTTTAAAAATAATTTATAAATCTTACCAAAAC  
 TTATGCTAAATATACTTTCCAGGATGAATGCTTGAGAGGGTCTGTCCGCGAGGTAGAGACGGAGTCTAGC  
 AGTTGAGGCACGTGAACCTGTCCGACCGCGCGCCCCAGCGGGGGCCGTCCGGGGGACGCTGACCACAGGAC  
 ATCTAGACTTGCAGATTCTACTCCTATGCCTTTTTTTTCTGTGTAATATTAGAAGTGAATGTGAAGTTT  
 GTAGCTAGCTAGCTCGGTGTACCTTTTAAAGTCCATGGTACGGGGAAGAAAAATCTCCATGGA  
 TATGGTGCCAAGTACTCTACATAAACAATAATATCATGGGAGAAACAAAAGTAGCCTAGTCCGCTCAGA  
 TAGAACCCTGCTTCTAACATGGGCTGTACATAACCTATTACGACGAGCAAAAGTGAAGTTTCCCGGGCT  
 GCGCAGGCGAGCCAGCCTAGTAGTAGCCTCGCCGCGACGTCTCCCTAGCACGAAGGACAGCATTAAGAGG  
 TCATTGCAGAGCCTGTGGATGAAACACAACGTATGTTTTATTGATCTGCTTCAGAACACTACAGAATTC  
 >GBCA0385 |Acc|X76392|Ver|X76392.1 GI:475061|C.familiaris VIP36 (vesicular integral-  
 membrane protein of 36 kDa) mRNA.  
 GAGGGCGGAAGTGGCCGAGAGGAACGGAGAATGGCGGCGGAAGGCTGGATTTTGGCGCTGGGGCTGGGGCC  
 GGCGGTGCTGGGGAGGCCCTGGGCTTCCCGGCCCGGCCCTGGCCCCGCTACACCTCTATTTCTTCTCCT  
 GTTGCTGGGGCCGGTTGTTGCTGATATAACTGACGGTAACAGTGAACACCTCAAGCGGGAGCATTCGCTT  
 ATCAAGCCCTACCAAGGGGTGCGTTCCAGCTCCATGCCCTCTGGGACTTTCAAGGCAGCACTATACTCA  
 CGAGCCAGTACGTGCGTTTGACCCCGGATGAGCGCAGCAAGAGGGCTCTATCTGGAACCAACAGCCTTG  
 TTTCTCAAGGACTGGGAGATGCACGTCCACTTTAAAGTCCATGGTACGGGGAAGAAAAATCTCCATGGA  
 GACGGCATTGCCTTGTGGTACACCCGGGACCGCCTTGTGCCAGGGCCTGTGTTTGAAGCAAGACAACT  
 TCCATGGCTTAGCCATCTTCTTGGACACGTATCCCAATGATGAGACCAGGAGCGTGTGTTCCCGTACAT  
 CTCGGTGTGGTGAACAATGGCTCCCTGTCTACGACCATAGCAAAGATGGCCGCTGGACGGAGCTGGCA  
 GGCTGCACGGCTGGGAGATCCGTAACCGTGATCATGATACCTTCTAGCTGTGCGCTACTCTCGGGGCCGGC  
 TGACGGTAATGACTGACCTAGAGGACAAGAATGAGTGAAGAATTGCATTGACATCACGGGAGTGCGCCT  
 GCCACTGTTACTACTTTGGAGCCTCAGCTGGCACTGGTGACCTGTCTGACAATCATGACATCATTTCC  
 ATGAAGCTGTTCCAGCTGATGGTAGAACACACGCCCTGACGAAGAGAACATTGACTGGACCAAGATTGAGC  
 CCAGTGTCAATTTCTCAAGTCAACCAAGACAATGTGGATGACCCGACTGGAAACTTCCGAAGTGGGCC  
 CCTGACCGGGTGGCGGGTGTCTCTGCTGCTGTGTGCACTCTTGGGCATCATCGTGTGCGCTGTGGTG  
 GGGCCGCTAGTGTTCAGAAGCGGCAGGAGCGGAACAACGCTTTCTACTGAGTGGCCGGTGTCTGTTC



AGGGAAGGGCCTAGTTTTGGGCCCCGGCACTAATGTGAACTTTTTTTTACTGGGATTATAAAAGAAAAAT  
 AAGATGACCTTATTTCTTAACCGTTTCAAAGAAACAAAAGTATTTTCGTACATTTTGCTTTATGCCAGC  
 AGGGACAGGCTGCAGGGCTAGGGGAATAGGGTTTGGCATCCCCACAGCTGCGGACAAAGGTCCTTGCCGTGT  
 TCCCAGCATCTTGGGAGCAGGGAGGAACTGTGTTTGGAGCTGGGCCCTGGCAGTCAGCTCTTGAACACT  
 GGCAGTCAGCTCTTGAACACTACCACATTGGGGTAAGTGCCGTGACGATGTGAGCAGTGATTTTGTCTGT  
 GCAGCGTGTGTTGGTAGAAGAGGAGGCTGACTGGGGAACCTTGGCCTTATTACCTCTGAGCTTCCCAAG  
 GCCGACCCCTCAAGTGTGGCTGGAGGAGCAATTTGGTAGGGCTCAGAATGTGACCATAGGCTAAATAAAAT  
 GAAATAACCAACCTCAAAAAA

>GBCA0386 |Acc|X77910|Ver|X77910.1 GI:457488|C.canis Thyroid Transcription Factor-1 mRNA.

ATGTCGATGAGTCCAAAGCACACGACTCCGTTCTCAGTGTCTGACATCTTGAGTCCCCTGGAGGAAAGCT  
 ACAAGAAAGTGGGCATGGAGGGCGGGCCCTCGGGGCTCCGCTGGCGGCGTACAGGCAGGGCCAGGCGGC  
 TCCGCGGGCCGCGGCCATGCAGCAGCACGCCGTGGGGCACCAGGCGCCGTACCGCCGCTACCACATG  
 ACGGCGGGCGGGGTGCCCCAGCTCTCGCACTCCGCCGTGGGGGGCTACTGCAACGGCAACCTGGGCAACA  
 TGAGCGAGCTGCCGCCCTACCAGGACACCATGCGGAACAGCGCTCGGGCCCCGATGGTACGGCGCAA  
 CCCAGACCCGCGCTTCCCCGCCATCTCCCGCTTCATGGGCGCGGCGAGCGGCATGAACATGAGCGGCATG  
 GCGGCCCTGGGCTCGCTGGGGGACGTGAGCAAGAACATGGCCCCGTGCCAAGCGCACCGCGCCGGAAGC  
 GCGGGGTGCTCTTCTCCAGGCGCAGGTGTACGAGCTGGAGCGACGCTTCAAGCAACAGAAGTACCTGTC  
 GCGCGCGGAGCGGGAGCACCTGGCCAGCATGATCCACCTGACGCCACGCGAGGTCAAATCTGGTTCCAG  
 AACCACCGCTACAAGATGAAGCGCCAAGCCAAGGACAAGGCGCGCAGCAGCAACTGCAGCAGGACAGCG  
 GCGGCGGCGGCGGCGGCGGGGGCGCCGGTGCCTCGCAGCAGCAGCAGGCGCAGCAGCAGTGCCTCGCGCGCG  
 CGTGGCCGTGCCGTGCTGGTGAAGACGGCAAAACCTGCCAGCGGGGCGCCCCGCGCGGGGGCGCGGC  
 AGCCTTCAAGGCCACGCGCAGCAGCGCAGGCGCAGCAGGCTGCCAGGCGGCGCGCGCGCTA  
 TCTCGTGGGCGAGCGGGGCGCGGCTGGGGGCGCACCCGGGCGCAGGCGGGCGCGCGCGGCGAGT  
 TCCGGACCTGGCGCACCAGCGCGCCAGCCCCGCGCGCTCCAGGCGCAGGTCTCCAGCTGTCCCACCTG  
 AACTCCTCGGGCTCGGACTATGGCACCATGTCTGCTCCACCTTGCTATATGGTTCGGACCTGGTGA

>GBCA0387 |Acc|Z27110|Ver|Z27110.1 GI:415376|C.familiaris mRNA for Rab5c protein.

CCCCGGAGACGCCCTTGAGGCCCCCCTCCTCACTAAGTGCCTTTCACACAGCGCCGCCCCCGCGCA  
 CGCTCACTGGTACCCTACAGCAGGACGGGCCATGGCGGGTTCGGGAGGTGCAGCGCACCCAATGGACC  
 AGCTGCTGGGAACAAGATCTGTCAATTCAAGCTGGTCTGCTCGGGGAATCTGCAGTGGGCAAATCTAGC  
 CTCGTCTTTCGTTTCGTCAAGGGACAGTTCATGAGTACCAGGAGAGCACAAATTGGAGCGGCCTTCTCA  
 CACAGACGGTCTGTTTGGACGACACAACAGTCAAATTTGAGATCTGGGACACAGCTGGACAGGAGCGGTA  
 TCACAGCCTGGCCCCATGTACTATCGGGGGGCCAGGCTGCCATCGTGGTCTATGACATACCAACACA  
 GATACGTTTTGCAGGGCCAAGAAGTGGGTGAAGGAGCTACAGAGGCAGGCCAGCCCCACATCGTCATTG  
 CACTCGCGGGGAACAAGGCAGACCTGGCCAGCAAGAGAGCCGTGGAATTCAGGAAGCACAGGCCTATGC  
 AGACGACAAGTTTTGCTGTTTCATGGAGACATCCGCAAGACTGCAATGAACGTGAATGAAATTTTCATG  
 GCAATAGCTAAGAACTTCCAAGAATGAGCCCCAGAATGCAGCTGGTGGCCGAGCCGGAACCGAGGGG  
 TGGACCTCCAGGAGAACAGCCAGCCAGCCGAGCCAGTGTGCAGCAACTGAGCCCCCTTT

>GBCA0388 |Acc|X75479|Ver|X75479.1 GI:414018|C.familiaris dKlk-2 mRNA for kallikrein.

CACCATGTGGTTCTGTGCTTGTCCCTGGCGGGGACTGGTGCCGACCCCTGTTTACG  
 TCCCGGATCATAGCGGCTGGGATTGTACGAAGAATTCTCAACCGTGGCAGGCAGCTCTGTACCATTACA  
 GCAAGTTCCAGTGTGGGGGTGTCTGGTGCACCCAGAGTGGGTCTCACCGCTGCCACTGCATAAACGA  
 CAATTACCAGCTCTGGCTGGGTGCTTACAACCTGTTTCGAGCATGAAGACACGGCCAGTTTGTCCAGGTC  
 AGAGAGAGCTTCCCTCACCTGAATTTAACCTGAGTCTCTGAAGAACCATAACCGCTCCCAAGAGAGG  
 ACTACAGCCATGACATCATGCTGCTGCGCTCGCAGAGCCCGCTCAGATTACGGATGCTGTGAGGGTCTCT  
 GGACCTGCCACCCAGGAACCCCAAGTGGGGAGCACCTGCTATGCCTCTGGCTGGGGCAGCATCGAACCC  
 GATAAGTTTATATACCCAGATGATCTCCAGTGTGTGGACCTCGAACTCCTGTCCAATGATATATGTGCCA  
 ATGCCACTCCAGAGGTTACAGAGTTCATGCTGTGCTGAGACCTGGAGGGCGGCAGGATACCTG  
 TGTGGGTGACTCAGGGGGCCACTGATCTGCGATGGTGTGCTTCAAGGAATTACATCTGGGGCCACGTC  
 CCAATGTGGCAGTCCCAATATGCCTGCGGTCTACACCAAGTGATTTACACCTGGAGTGGATCAAGGAGA  
 CCATGACAGCCAACCCCTGATCAACCATCTGTACCTACCCCAAGTAAATCAAATACGCATC

>GBCA0389 |Acc|Z12168|Ver|Z12168.1 GI:311336|C.familiaris mRNA for stimulatory GTP binding protein alpha subunit.

TCCGGCAATAAGAGCGGCGGGCGGGCAGCGGCGCAGCTCCCCGAGCTCCTGCTCTGGTCCGCCTC  
 GGCCCGGCGGGCGGCATCAGCCCCCTCGGCCTCGAGGGCGGGGAGCTTCGCGCTCCCTCCGT  
 ACAGCCGCAACCTCCCTTCCCCGCGCGCCCGCGCCGAGTCCGCCCCGCGCGCTCTCCCGAGGAG  
 CGAGCCCGCGCCAGGCCCCCGCCCGCGCGCTGCCCGGCCCTCCCGGCCCTCCCGGCCCGC  
 GTGAGGCCCGCCGCGCCCGCCCGCGCCCGCGCAGCCCGGCCGCGCCCCGCGCCCGCGCGCC

GCCATGGGCTGCCTCGGAAACAGTAAGACCGAGGACCAGCGCAACGAGGAGAAGGCGCAGCGGAGGCCA  
ACAAAAAGATCGAGAAGCAGCTGCAGAAGGACAAGCAGGTCTACCGGGCCACGCACCGCCTGCTGCTGCT  
GGGTGCCGGAGAATCTGGTAAAAGCACCATTGTGAAGCAGATGAGGATCCTGCATGTTAATGGGTTTAAAT  
GGAGAGGGCGGCGAAGAGGACCCGCAAGCTGCAAGGAGCAACAGCGATGGTGAGAAGGCAACCAAAGTTC  
AGGACATCAAAAACAACCTGAAAGAGGCGATCGAAACCATCGTGGCCGCCATGAGCAACCTGGTGCCCCC  
CGTGGAGCTGGCCAACCTGAGAACCAGTTCAGAGTGGACTACATTCTGAGCGTGATGAACGTGCCTGAC  
TTTGACTTCCCTCCTGAGTCTATGAGCATGCCAAGGCTCTGTGGGAGGATGAAGGAGTGCCTGCCTGCT  
ATGAGCGCTCCAACGAGTACCAGCTGATTGACTGCGCCAGTACTTCTGGACAAGATTGATGTCATCAA  
GCAGGCTGACTACGTGCCAGTGATCAGGATCTGCTTCGCTGCCGTGTCCTGACTTCTGGAATCTTTGAG  
ACCAAGTTCAGGTGGACAAAGTCAACTTCCACATGTTTGACGTGGGTGGCCAGCGCGATGAACGCCGCA  
AATGGATCCAATGCTTCAATGATGTGACTGCCATCATCTTCGTGGTGGCCAGCAGCAGCTACAACATGGT  
CATTCGGGAGGACAACCAGACCAACCGCCTGCAGGAGGCTCTGAACCTCTCAAGAGCATCTGGAACAAC  
AGATGGCTGCGCACCATCTCTGTGATTCTGTCTCAACAAGCAAGACCTGCTCGCTGAGAAAGTCCCTTG  
CTGGAATAAAGATTGAGGACTACTTTCAGAATTTGCTCGTACACTACTCCTGAGGATGCTACTCC  
CGAGCCCGGAGAGGACCCACGCGTGACCCGGGCCAAGTACTTCATCCGCGACGAATTTCTGAGAATCAGC  
ACTGCTAGTGGAGATGGGCGCCACTACTGCTACCCCACTTCACTTGCCTGTGGACACCGAGAACATTC  
GCCGTGTGTTCAACGACTGCCGTGACATCATTCAGCGCATGCACCTTCGTGAGTATGAGCTGCTCTAAGA  
AGGGAACACCCAAATTTAATTAAAGCCTTAAGCACAATTAATTAAAGAGTGAACGTAATTGTACACGCAG  
TTGATCACCCACCATAGGGCATGATTAACAACGCAACCTTTCCCTTTTCTCCCAAGTGATTTTGCGAAAC  
CCCTTTTCTTCCCTTCCGCTTGCTTAAATATTCCAAATTTAGAAGGCTTAAGGCGGCCTACAGAGAAAA  
AGAAAAGGAAAAAGGCCACAAAAGTTCCTGTCTCTTTTCAGTAATTAAATAACAGCAGCAACAGAGAT  
AATGAAATAAAGAAATAAATGAAATAAAGAAATAAATGAAATAAATGAAATAAATATTGTCTTGTGCA  
GCATTAATAAATAAATAAATAAATAAATGAGCA  
>GBCA0390 |Acc|X67813|Ver|X67813.1 GI:297767|C.familiaris SRP72 mRNA for signal  
recognition particle.  
CCCCGCGTCTCCTCCAAGATGGCGAGCGGCGCAGCGGGGGGTGTCGGTGCCTGCGCTCTGGAGTGAAG  
TGAACCGTTATGGCCAGAACGGCGACTTCAACGCGCTCTCAAGACGGTCAACAAGATACTGCAGATCAA  
CAAGGATGATGTAAGTGCCTTACACTGTAAAGTGGTATGCCTTATCCAAAATGGAAGTTTCAAGGAAGCC  
TTGAATGTCATCAATACTCATACTAAAGTGTGGCCAATAACTCGCTTTCTTTTGAGAAGGCATATTGTG  
AGTACAGGCTGAACAGAATTGAGAATGCCCTGAAGACAATAGAAAGTGCCAATCAGCAGACAGACAAACT  
AAAGGAGCTTTATGGACAAGTTTATACCGGTTAGAACGCTATGATGAATGCTTAGCAGTATATAGAGAT  
CTCGTCCGAAACTCCCAAGATGATTATGATGAAGAGAGAAAGACAAACCTTTTCAGCAGTTGTTGCAGCTC  
AAAGCAATTGGGAAAAAGTGGTTCCAGAAAACTTGGGCCTCCAAGAAGGCACACATGAACATGCTACAA  
TGCTGCATGTGCATGATAGGACAAGGCCAGCTGAGCCAGGCAATGAAAATCCTACAAAAAGCTGAAGAT  
CTTTGCGCGCGTTTCAATATACAGAAGATTCTGATGGGACTGAGGAAGACCCACAGGCAGAACTGGCCATCA  
TTTCATGGGCAGATGGCTTATATTCTGCAGCTTCAAGGTGCTACAGAGGAGGCGTTGCAACTTTATAATCA  
GATAATAAACTAAAGCCACAGATGTGGGATTGCTAGCAGTGATTGCAATAACATCATTACTATTAAAC  
AAGGACCAAAATGCTTTGACTCCAAGAAGAAAGTGAATTAACCAACGCAGAAGGAGTAGAGTTTAAGC  
TTTCTAAGAAACAACCTGCAAGCTATAGAATTTAACAAGCTTTACTTGTATGTACACAATCAGGCAGA  
ACAGTGCCGCAAAATATCTGCCAGTTTACAGTCCCAAAGTCTGAGCATCTCCTGCCTGTATTAATCCAA  
GCTGCCAGCTCTGCCGTGAAAAGCAGCACACAAAAGCAATAGAAGTCTTTCAGGAATTTTCAGATCAGC  
ATCCAGAAAATGCAGCTGAAATTAAGCTGACCATGGCACAGCTGAAAATTTCCCAAGGCAATATATCCAA  
AGCATGTCTAATATTGAGAAGCATAGAAGAGTTAAAGCATAAACCAGGCATGGTATCTGCATTAGTGACC  
ATGTACAGCCATGAAGAGGATATTGATAGTGCCATTGAGGTCTTCACACAAGCTATCCAGTGGTATCAAA  
ACCATCAGCCCAAATCTCTGCTCATTGTCTTGTATAGATAAGAGAAGCTGCAAACTTCAAACCTCAAATATGG  
CGGAAGAAAGAGGCAATTAGTGACCTAGAACAGCTATGGAAACAAAATCCAAAAGATATTACACCCCTG  
GCGCAGCTTATTTCTGCTTACTCACTTGATGATCCTGAGAAGGCAAAAGCCCTTAGTAAACACCTGCCCT  
CATCAGATAGTATGTCTCTAAAAGTAGATGTCGAGGCTCTTGAAAATTTCTCCTGGTGTACTTACATTG  
GAAAAAGGGTGGAAAAGTTGCTGGAGATAGTCAACCAAGGAACAGGACAGGGAGATTTGAAAAAGAAG  
AAGAAAAAAGAAGGAAAACTACCTAAAAATATGACCCAAAGGTGACCCAGATCCAGAAAGATGGC  
TACCAATCGAGAACGTTCTTACTACCGGGGAAGAAAGAGGAAAAAAGAGGATCAGATTGGAAAAAGG  
GACCCAGGGAGCAACTGCAGGAGCTTCATCTGAAGTGGATGCCAGTAAACTGTGAGCAGCCACCGACC  
TCCCCAAGACCTGGCAGTGCAGCAACAGCATCTGCATCTACAAGTAATATCATACCCCCAAGACACCAGA  
AACCTGCAGGGGCTCCAGCAACAAAAAGAAACAGCAACAGAAAAAGAAAGGTGAAAAAGGTGGCTG  
GTGATTAAGCATCTTGTCTTTCAGGCTATTTTGTAGTCTCGCTGACACTAGGAACACAATAAAGGTAACA  
CAGTAAGAAGCACAGAGCTACTCCCTCTCCCATCCCCCGTTTTCATGAAATTGTTTTCTTGACATCC  
CCCAGGAAAACATCTTCCTCAAACCTCTGTCTAGTCAGACTTGGCCTACTTTACCATCCAGCTTTGCACAA

1369

TTTAATTCCTGGTTGAGGGGGGAAAAGATTCCCTAAAGCAATAATGTTAAATAATAAAGATTAAAATCTA  
 AAAAAAAAAAAAAAAAAAAAAA  
 >GBCA0394 |Acc|X63678|Ver|X63678.1 GI:941|C.familiaris mRNA for TRAM-protein.  
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCGGGCGGCCCGGCGGCTGCGTACTGGCTGTGGGA  
 TGGGAAGTGAAGCCCCAGCGAGCGGCACGGCGGGGCGGTGAGGAGCAGCCAGGGGGAGGCGGGCGGGCG  
 GCGGCGGCGAGCTCTGTGAGCAGCTGGAGAGCGGCGCGGGGACGAGCACCTGCAGGCACGGGCGGCG  
 GCCTCGCCATGGCGATTTCGCAAGAAGAGCACCAAGAGCCCCCGGTCTGAGCCACGAATTCATCCTGCA  
 GAATCAGCGGACATCGTCTCCTGTGTGGCGATGGTCTTCTGCTGGGGCTCATGTTTCGAGATAACAGCG  
 AAAGCCTCTATCATTTTGTACTCTTCAGTACAATGTTACCCTCCCTGCAACAGAAGAACAAGCTACTG  
 AATCAACATCCCTTTATTACTATGGTATCAAAGATTTGGCTACAGTTTTCTTCTACATGCTAGTGGCGAT  
 AATTATTCATGCCATAATTCAAGAGTATGTGTTGGATAAAATTACAGGCGAATGCATTTCTCCAAAACG  
 AAACACAGCAAGTTTAAATGAATCTGGTCAGCTTAGTGCATTTACCTTTTTCTTGATTTGGGGCACAT  
 TCATTTCTAATATCTGAAACTACATCTCAGACCCAATCTTGTGGAGGGCTTACCCCATAACTGAT  
 GACATTTCAAATGAAGTTTTCTACATAGCCGCTTGGCTTACTGGTTCCATGCTTTTCTGAACTCTAC  
 TTCCAGAAAACCAAAAAGAGATATTCCTCGTCAGCTTGTCTACATTTGGTCTTTACCTCTTTCACATTG  
 CCGGGGCTTATCTTTTAACTTGAATCATCTAGGACTTGTCTTCTGGTGCTACATTATTTGTTGAATT  
 TCTCTCCATATTTCCCGCTGTTTTATTTTAGTGATGAAAAGTATCAGAAAGGGTTTTCTCTGTGGGCA  
 GTTCTGTTTGTGTTTGGGAAGACTTCTGACTTTAATCTTTTACGTACTCACTGTTGGCTTTGGCCTTGCAA  
 GAGCAGAGAATCAGAAACTGGATTTCAGTGTCTGGGAACCTTCAATGTGTTAGCTGTAAGAATTGCTGTCT  
 GGCATCCATTTGCATTACCCAAGCATTTCATGATGTGGAAGTTTCATTAATTTTCAGCTTCGGAGGTGGAGG  
 GAACATTTCTACTTTTTCAGGCACCAAGTGTGAAGAAGAAACCAACAGTAACTAAAGGCAGGTCTCTAGAA  
 AAGGAACAGAAAATGGTGTAAATGGAACAGTAACTTCAAATGGAGCTGACTCTCCCCGTAATAGAAAAGA  
 GAAATCTTCATAATGAATTAATCTAATTTGATTAATGTCCCCAAAGAAATCTGCTTTTTTACTATATCTT  
 TCAGCACTAGAGATTTTTCTGTCTTGAATAACAGTTTGTGCTCTTTGATTCTTGCTATTGTAAGTGT  
 GTTTCATGCATTTTTTTAAAGGGCATTTGAGGGAAGGATGATTACTATGAGTGAGAAAAATATTTAGCT  
 TAGACTAAGCTACCTGCCTTCAAAATAGTTTAGGGACCACCACCATATTTCTATTTTGTGTTTTATCTTTG  
 AATGTTTTTCTAATGATTTGGAGAGATACTATTTACAAAAATTCTACATAACAGTGATAAAATTTCTTG  
 CTCTACCAATTTTTTGTATTAGCAAGATGGCCTCTCCAGCAAGGTCATTTTTTTAAGTTATCTTTCAG  
 GGTAAATGGAATACTATACAGTTGGAAGTCAAACCTTAAATATGTTTTTCACTGTTCTCTAATTTTTAGG  
 AATTTTTGTAGTCTTTTACACCTGGGAAAAAAGATTTGTAAATTTCACTATAATAATTTGTGCTTTATTTT  
 ATAGGTAATGGTTGTTAATGTTACATCCCAATTTTAAAAAACAACCACAACATACTATTGGTTACAATGT  
 GTGGAGAGTTATTGCCATATATATTGAATCAAAAAATATGAACATAAAAGTACCTGTGAAGTAAATCC  
 TTTCTTGAGCATTTTCAACACTGTAAACTGAAAAATCAGAAAATTAATATTTACTATAAAGAAGCAAT  
 ACGACTATAGCCCTTTTTGATATGTTTATTAATGATTTCTTAATGGGGCTTATAAGGTCGATATGCAC  
 AGCATCTTAGAAAAATATTGTTTAACTGCAAAACCTTTTTAAAAATAATGCCTACTTAATTTATATCTA  
 TAAAAGAAATGTCGGGTAATTATATTTGGAACATTTACGCACTAATCTTAAAGAAATTGAAAATTCAGTTG  
 GATAAATAGTCTTACAAAAGACAGTGCTTTATGTTATAACTATAGCTTTGGTCCCATCTTTAATTGAGAA  
 GCATTTATCTGTATAAAACATATTTTGGATAAATATATATATATATATTTGTATCTCTACAGAAAAGCT  
 CTAAAAAACATTTGAGTAAACATTTGGTTCCTTTTCTATAATTATCCTTAAAAATTTCTTACAGCTATA  
 TTTGGTTTTTTTGTGCTTTCACAGTACCTATACTGCTCCTTTTGGTGTTCACATCTTGTCTCCATTTCT  
 TCACTTTTGTGACCAGCTCATGTTTGTGCCATTTTGTAGTATAAAAGTTGCAGGCTTGTAGGTCTGCAGT  
 TTAATAAGTTGCCATGCTGCTAGAAAGTTGTGCTTTCTATTTCCAGCTGTTTACTTCTGGAAGGATAG  
 TAGCTCTCTGTAGCATCATGGAGTTTCAGTGAACCAATTTTGGCAATAAAAACTGGCATTATATTGA  
 ACTATACATTGAGAAATCAACAAAAATAAAATTTTTACTTTCAAAAAAAAAAAAAA  
 >GBCA0395 |Acc|X51448|Ver|X51448.1 GI:938|Dog mRNA for putative transcription factor  
 recognizing thyroglobulin promoter.  
 CGCAGTGCCCGGATGTGAATGGATTACAATGTATCTTTTCAGGGAAACCTATTATATCAATGTGACTCCA  
 CGGGGGAGTCAATGGTGATGATGAGGAGGAGGAGGAGGATGATGATGATGAGACACCTCTAAACTTGGAA  
 CAAGTTTAAGACTTTATAAGAGGAGAAGAAAAAAGCCACCAACAAGATTTGTTGAGGAAAGATT  
 CTAACATCTCTGATATATATTTTTTTTTTTTGTAGAAACAATAAGAAAAAGTTGTTGGAATTTTTT  
 TTTTTTTAATGGTTCTTTTTTTGGGGGAGGGGATTTTGTGAGTTTGTGAGTTTGGAAAAATGCAAAACC  
 AGAGCCAGGTGCATAATCTTGATTTCTGTGGATATCCCTGGAGCAGAACTGAGTACCAGTTAAAATACCT  
 TTTTGGGGGATACATGTGAGATACAAAGTACTTGCAGAAAGATTTTTTGTCTTTCTTTTAAAGTCACT  
 TTCCTTGAATATTGTGAGCATATTTGTGGCCATTTTAAGATGTTTTCACCTCCTGTGAGCAGTGGGAAA  
 ATGGACCACTCTTTTGGCGAGTGGACATTTCACTGGCTCAAATGTAGAAGACAGAAGTAGCTCAGGGTC  
 CTGGGGGAACGGAGGACATCCAAGCCCTCCAGGAATATGGAGATGGGACTCCCTATGACCACATGACC  
 AGCAGGGACCTTGGGTACATGACAATCTCTCCACCTTTTGTCAATTCAGAATACAAAGTAAACAG

AAAGGGGCTCATACTCATCTTATGGGAGAGAATCAAACCTTACAGGGTTGCCACCAGAGTCTCCTTGGAGG  
TGACATGGATATGGGCACCCAGGAACCCCTGTCGCCCCACAAACCTGGCTCCAGTATTACCAGTATTCT  
AGCAATAACCCCGAAGGAGGCTCTTACAGTAGTGCTATGGAGGTGCAGACAAAGAAAGTTCGAAAAG  
TTCCTCCAGGTTTGGCATCTTCAGTTTATGCTCCATCAGCAAGCACTGCCGACTACAATAGGGACTCGCC  
AGGCTACCCCTTCTCGAAACCAGCAGCCAGCACTTCCCTAGCTCCTTCTCATGCAAGGATGGCCATCAC  
AGCAGTGACCCCTTGGAGCTCCTCCAGTGGGATGAATCAGCCTGGCTACGGAGGAATGTTGGGCAGTTCTT  
CTCATATTCACAGTCTAGCAGCTACTGTAGCCTGCATCCACACGAACGCTTGAGCTATCCATCACACTC  
CTCAGCAGACATCAATTCCAGTCTTCTCCGATGTCCACTTTCCACCGTAGTGGCACAAACCATTACAGC  
ACCTCTTCTGTACACCTCCTGCCAACGGGACAGACAGTATAATGGCAATAGAGGAAGCGGGGACAGCAG  
GCAGCTCCAGACTGGAGATGCTCTGGGGAAAGCACTTGCTTCGATCTATTCTCCAGATCACACTAACAA  
CAGCTTTTCATCAAACCCCTTCAACTCCTGTTGGCTCTCCTCCTTCTCTCTCAGCAGGCACAGCTGTTTGG  
TCTAGAAACGGAGGACAGGCCTCATCATCTCCTAATTATGAAGGACCTTACACTCTTTGCAAGAGCGAA  
TTGAAGATCGCTTAGAAAGACTGGATGATGCTATTACGTTCTCCGGAATCATGCAAGTGGGCCATCCAC  
AGCTATGCCGGGTGGTTCATGGGGACATGCATGGAATCATTGGACCTTCTCATAATGGAGCGATGGGTGGT  
CTGGGCTCAGGGTATGGAACCGGTCTTCTTTCAGCCAACAGACATTCACTCATGTCGGGGCCCATCCGC  
AAGACGGCGTGGCCCTGCGAGGCAGCCACTCCCTCGTGCCCAACCAGGTCCCGGTGCCACAGCTTCCCGT  
GCAGTCTGCGACGTCCCTGACCTGAACCCACCCAGGACCTTACAGAGGCATGCCACCGGGATTGCAG  
GGCCAGAGCGTCTCCTCCGGCAGCTCTGAGATCAAATCCGACGACGAAGGCGATGAGAACCTGCAAGACA  
CGAAATCTCCGAGGACAGAAGTTAGATGACGACAAGAAGGATATCAAATCGATTACTAGCAATAACGA  
TGACGAGGACCTGACCCCGGAGCAGAAGGGCGGAGCGCGAGAAGGAGCGGAGGATGGCCAACAACGCCGC  
GAGCGCCTGCGCGTCCGCGACATCAACGAGGCTTTCAAGGAGCTCGGCCGCGATGGTGCAGTCCACCTCA  
AGAGTGACAAGCCCCAGACCAAGCTCCTGATCCTCCACCAGGCGGTGGCCGTCATCCTCAGCCTGGAGCA  
GCAAGTTTCGAGAAAGGAATCTGAATCCGAAAGCCGCGTGTCTGAAAAGAAGGGAGGAAGAGAAGGTGTCC  
TCAGAGCCTCCCCGCTCTCCTTGGCGGGCCCGCACCCCTGGAATGGGAGATGCGTCAAACCATGGGAC  
AGATGTAAAAGGGTCCAGCTGCCACATTGCTTCATTAATACAAGAGACCACTTCTTAAACAGCTGTATT  
ATCTTAAACCCACATAAACACTTCTCCTTCAACCCCTTTTTTTGTAAATATAAGACAAGTCTGAGTAGTTAT  
GAATCGCAGACGCAAGGTTTTCAGCATTTCCAATTATCAAAAACCGAAGAACACAC

>GBCA0396 |Acc|X53529|Ver|X53529.1 GI:936|Dog mRNA for signal sequence receptor beta subunit (TRAP-complex beta subunit).

CGGCCGCGGTGGTCCCTGAAAGGACTGTGGGGTGCGCGCATGAGGCTTCTGGCTTCTGTGCTGTTGG  
CCCTGTTTGTCTGTGCTCATGCGGAGGAAGGAGCCCGGCTTCTGGCCTCCAAGTCACTGCTGAACAGATA  
CGCCGTGGAGGGGCGAGACCTGACCTTGCACTACAACATCTACAATGTTGGCTCAAGTGCTGCATTAGAC  
GTGGAGTTATCTGATGATTCCTTTCCCCAGAGGACTTTGGCATGTGTCTGGAATGCTCAATGTCAAAT  
GGGACCGGATTGCCCTGCTAGCAATGTCTCCACACCGTGGTCTGCGCCGCTCAAGGCTGGCTATTT  
CAACTTACTTCCGCTACTGTACTTACCTGGCTCAGGAGGATGGGCGTGTCTGATTGGCTTTACAGC  
GCCCTGGACAGGGAGGGATCCTGGCCCAGCGGGAGTTTGATAGGAGATTCTCCCCGATTTTCTGGACT  
GGGCAGCCTTCGGAGTCATGACCTGCCCTCCATCGGCATCCCTGCTGTGTGTACTCCAGCAAGAG  
GAAATATGACACTCCCAAGTCCAAGAAGAACTGAGGGGCTTCCGAGGCGCTGCCTAGGAGATCCAGGTG  
CTTTCAGACTCCGAGGCTCTGGAGTGCAGTCTCTCATCCCCAGCCCTCCTCCTTCTGTGCTCCAAAG  
TGCTGCTCTCAACCAGAGTCCGGGACCAGGCCTCGGTGTCTGTGAAAGCCTCCTCCTTCTGTGCTCCAAAG  
CCATATGAGCAAGAACGAGCAGGAATGCCCTCCAGCAACAAGCCTCGGGACCTCATCTGTGTGCTTGTGG  
TGCTGCAGTGTGAAGTGAAGGGGCGGAGGGGGGCACTAAGGAAAGTGCCTGACTCTACCCCATCCCT  
GCTCTCCCTCTCGGAAGAGGGTGAAGATCAGATGAAGGCCAAGTGACTCGGAGGCTACCCAATCTCTG  
TTCTGGGTGAGGGGAGCTCTAACCAATGGAGTTTCTAATAAAAACATGCCAAACTG

>GBCA0397 |Acc|X51367|Ver|X51367.1 GI:934|Canine mRNA for signal sequence receptor protein alpha subunit (TRAP-complex alpha subunit).

CCGCGGAGAGCGTGGCGGGCGGAGCGGACCGGCGCGCCATGAGGGTCTCCCGCGCCTG  
CTTCTGCTCCTTCTGTGCTGGCGTTCCCGCTGCCGTGCTGCTCCGAGGCGGGCGGAGGCTCATTAGTTG  
CAGCTCAAGATCTCAGAGAAGATGAAGAAACGGTGAAGATTCAATAATTGAAGATGAAGATGATGAAGC  
AGAAGTGAAGAAGATGAACCCACAGATTGGCTGAAGATAAAGAGGAAGAAGATGTATCTGGTGAACCT  
GAAGCTTACCAAGTGCAGATACAACCATCCTGTTTGAAGGAGAAGATTTTCCAGCAAATAATATTG  
TGAAGTTCTTAGTAGGCTTTACAAACAAGGGTACAGAAAGATTTTATTGTTGAATCCTTAGATGCCTCAT  
CCGTTATCCTCAGGACTACAGTTTTATATCCAGAATTTACAGCTCTTCTCTGAACACTGTAGTACCA  
CCGAGAGACAGGCAACTTTTGAAGTACTCCTTCATTCTGCAGAGCCCATGGGTGGACGACCTTTTGGT  
TAGTCATCAATCTGAACATCAAGATCTGAATGGCAATGTATCCAAGATGCTGTCTTCAATCAAACAGT  
TACGATCATTGAAAGAGAGGATGGGTAGATGGAGACAACTTTATGTATATGTTCTTGTGCTGGTCT  
GGGCTCCTGGTTGTTGTTGGCCTTCATCAACTCCTAGAATCGAGAAAGCGCAAGAGACCCATACAGAAGG

TAGAGATGGGTACATCAAGTCAGAATGATGTTGACATGAGTTGGATTCTCTCAGGAAACCTTGAATCAAAT  
 CAATAAAGCTTCACCAAGAAGGTTGCCAGGAAACGGGCACAGAAGAGATCAGTGGGATCTGATGAGTAA  
 ATGTTCCCTTTGTGCAACAATTTCAGTCTTTACTTAACCTGCCCTAATGTTTTTCGGCCTGATGGGAATTAG  
 TGCAGAGAAGCCATATCACCATAGAAGGCACTACTACTTATGTGTGGACTGAGCAATCAGAGTCTGTGG  
 CGATAATAATATTACTGAAAATGCACTGCATTCAATTTTCTAAAGTAACAAA  
 >GBCA0398 |Acc|X53744|Ver|X53744.1 GI:931|Canine mRNA for 68kDA subunit of signal  
 recognition particle (SRP68).

GGCAAGATGGCTGCCGAGAAACAGGTTCCCGGTGGCGGCGGCGGCGGCGGCGGCGGAGCGGCGGCGGAC  
 GCGGTGCCGGAGGAGAGGAAAATAAGGAAAACGAACGGCCTTCAGCTGGATCGAAGGCAAACAGAGAATT  
 CGGGGATAGCCTGAGTTTGAGATTCCTTCAGATAATTAAGGAATCCCAGCAGCAGCATGGTTGCGGCAT  
 GGAGATTTTCAGAGGTATAGGGGCTACTGTTCCCGTAGAACAAGACGTCCTTCGGAACACTCAACTTCA  
 AGATGGGGAACAGGCACAAATTTACAGGGAAGTAAGTGAAGACCTTCTGACTGATAACAGATATTT  
 GCTTCTGGTTCTGATGGATGCTGAACGAGCCTGGAGCTATGCCATGCAGCTGAAACAGGAAGCCAACACT  
 GAACCCCGAAAACGTTTCCACTTGTTGTCTCGCCTTCGCAAAGCTGTGAAGCATGCGGAGGAATTGGAAC  
 GCTTGTGTGAGAGCAATCGCGTGGATGCCAAGACCAAGTTAGAGGCTCAGGCTTACACGGCTTACCTCTC  
 AGGAATGCTGCGTTTTGAACATCAAGAATGGAAAGCTGCGATTGAGGCTTTTAAACAAGTGCAAACTATC  
 TATGAGAACTAGCCAGTGCTTTACAGAAGAGCAGGCTGTGCTATACAACCAACGTGTGGAAGAGATCT  
 CGCCTAATATCCGCTACTGTGCATATAACATTGGGGACAGTCAGCTATCAATGAAGTCAATGAGATGAG  
 ATTGAGGTCTGGAGGCACTGAGGCTCTCTGGCTGAAAATTTGGAGGCATTGATCACTCAGACTCGGGCC  
 AAACAGGCAGCCACCATGAGCGAAGTGGAATGGAGAGGAGAACGGTTCAGTGAAGATTGACAAAGTGA  
 GGATCTTTTTGTTGGGATTGGCTGATAACGAAGCAGCCATTGCCAGGCTGAAAGTGAAGAAACCAAGGA  
 GCGTCTGTTTGAATCAATGCTCAGTGAGTGTGCGGACGCCATCCAGGCTGTTCGGGAAGAGCTCAAGCCA  
 GATCAGAAACAGAGAGATTACACCTTGACGGGAGTCGGGAAAGTATCTAATCTTCAATACCTGCACA  
 GCTACCTGACTTATATCAAGCTGTCAACGGCCATCAGGCGGAACGAGAACATGGCTAAGGGGCTGCAGAA  
 AGCACTACAGCAGCAGCCAGAAGATGAGAGCAAGCGCTCGCCACGGCCCCAGGACCTCATCCGCTCTAT  
 GACATCATTCTACAGAACTCTGGTGGAAATTGCTCCAGCTTCTGGGTTAGAGGAGGACAGAGCCTTCCAGA  
 AAGATAGGCCTCAAGACTCTGGTGTGTTAAGGCTTACAGGTGTTTTTTCATTGCTCAGTCCCTATGTGTT  
 GGTGAAGAAGTGGAGCGAAGCCCTCGTCTGTATGACCGAGTCTGAAATATGCAATGAAGTAAATTCG  
 GATGCTGGGGCCTTCAGGAACAGCTTAAAGGACCTGCCGATGTGCAAGAGCTCATCACTCAAGTGAGGT  
 CAGAAAAGTGTCTCTGCAAGCAGCAGCAATCCTGGATGCAAGTGACTCCCACCAACCGGAGACTTCTTC  
 CCAAGTCAAGGACAACAAGCCTCTGGTTGAACGGTTTGAGACATTCTGCTTGGACCTTCCCTCGTCACC  
 AAGCAAGCCAACCTTGTGCACTTCCCGCCAGGATTCCAGCCTATCCCTGCAAGCCTTTGTTCTTTGACC  
 TGGCCCTCAACCATGTGGCTTTCCACCCCTCGAGGACAAGTTGGAGCAGAAGACCAAGAGTGGCTCAC  
 TGGATACATCAAGGGCATCTTTGGATTCCGGAGCTAACCAGGCTCTCTTTGGGGGCAAGGGGAGATTCTC  
 ACTCTTCATCTGTATTGTGAGAAAACCTAGCAAGTTCCATGATATTAATCCAGGTCTGCATTGCCCCC  
 GGGCAAGAGTGTATCATCTCAGCCCTGCGTCCCTATGTCTTGTGTGTTTGTGCACTTAACATTCTTAAC  
 CGGTGTGCTCAAAGGGGACCTGCTGTCTTCTGGTGGATGTGTGCGGGATTCTCTGTCCGCACCTCCTG  
 GGGGAAGGGCCACTGCCACCTGGCCCCATGGGAGCCGTGCTTGGGTGGTCCACTCCAGGCATAGATGGG  
 AGCTCGGAACCTTTGTGTTCTTTCAGTATCACGAATTTGAAATGGACTCCTCCTCGCTGTGAGCATCC  
 ATCCAGAGTCCCGTGAAGAGTCTGTGACCAGGAACCACTGGCAGCATCACCCCAACTACAGTCAGCCT  
 TATGCCCTGTCACTCCAAGTGAAGTTAAGTTTCAAGAACAAGCAAGAGCTCTATTTTTAGAAAGAAATG  
 TGTTACACTCAGAAATGATGAAAACAAATCTTATATTAAGGCAAGATGCTGG  
 >GBCA0399 |Acc|X16318|Ver|X16318.1 GI:928|Canine mRNA for signal recognition particle 54k  
 protein.

TGGCAATCGTCGGTCTCCAGCTGGTGGGAGTTGGCGTCGCTGTGCTGGGCGCTGGAGCCCTAGTTTGTA  
 TAGTTTGGGAAGTCGGGCTTTGGAGTCGCACCTGTCTGTCTGACCCCTGCTTTCCTTGGTTTCCTTCCAC  
 GTTGCGGGGGCTCGCGAAAGACTCCCCGGCCCCTTTGGGCGCAGCGGTAGCGGTGCTTTTTTGGCGGTGA  
 GGAAAGTAAGCAGATTAAGTAACTTGCCAAAGTAACACAGCCAGTATGTAACAGAGCTGGGA  
 TTTGAATCCAAGTCTGTGCACTCCCAAGCCCATGCTCTTCCAGTACTTCACTGCAGCAGATTTCT  
 TGTAATCACTAATTAAGCCTTCAAGATGGTACTAGCAGACCTTGGAAAGAAAATAACATCAGCATACG  
 CTCATTGAGCAATGCCACCATATCAATGAAGAGGTATTAATGCCATGCTAAAAGAAGTATGTACAGCA  
 TTACTGGAAGCAGATGTTAATATTAAGTAACTAGTGAAGCAACTAAGAGAAAATGTAAAGTCTGCTATTGATC  
 TTGAAGAGATGGCATCTGGTCTTAACAAAAGAAAAATGATTACAGCATGCTGTGTTAAAGAAGTGGTGAA  
 GCTTGTAGACCTGGAGTTAAGCATGGACACCGACTAAAGGAAAACAGAAATGTGATCATGTTTGTGGA  
 TTGCAAGGGAGTGGTAAACAACAACATGTTCAAAGTTAGCATATTATTACCAGAGGAAAGGTTGGAAGA  
 CCTGTTGATAGTGCAGACACATTGAGCAGGAGCTTTTGACCAACTAAAACAGAAATGCTACCAAGC  
 AAGAATCCATTCTATGGAAGCTATACAGAAATGGATCCTGTTATCATTGCCTCTGAAGGAGTGGAGAAA



1373



protein.

GAGTAGGAAGGAGCCGGGGCTGCAGCCGGAGTGGAGCGGCTGCCAGCCGAGGAGCAGGCGCGGCGCGGC  
GCCATATTGCGGCCCCGAGCGGCGCGACCGAGTCAATGGCCGAGACCTACGACTTCCTCTTCAAATTCCT  
GGTGATTGGCAGTGCAGGAACCTGGCAAATCATGTCTCCTTCATCAGTTCATTGAGAATAAGTTCAAACAG  
GACTCCAACCACACAATCGGCGTGGAGTTTGGATCTCGGGTAGTCAACGTGGGTGGGAAGACTGTGAAGC  
TCCAGATTTGGGACACAGCCGGCCAAAGAGCGGTTTCGGTCGGTGACACGGAGTTACTACCGAGGGGCGGC  
TGGAGCCCTGCTGGTGACGACATCACCAGCCGGGAGACATACAACCTCGTTGGCTGCCTGGCTGACGGAC  
GCCCCGACGCTGGCTAGCCCCAACATCGTGGTCATCCTCTGTGGCAACAAGAAAGACCTGGACCCTGAGC  
GCGAGGTCACCTTTCCTGGAGGCTCCCGCTTTGCCAGGAGAATGAGCTAATGTTCTGGAGACTAGTGC  
CCTCACGGGTGAGAACGTGGAAGAGGCTTTCCTGAAGTGTGCCCGCACCATCCTGAACAAGATCGACTCA  
GGTGAGCTGGAGCCCGAGAGGATGGGCTCAGGCATTACAGTACGGGGATGCTTCCCTCCGCCAGCTGCGGC  
AGCCTCGGAGTGCCAGGCCGTGGCCCCCAGCCCTGTGGCTGCTGAGACATGTGAGCCAGCTCACCTG  
TTCTCCAGGACCAGCCCTGCCCTTCTGGCCGGGGCCAGACCCAGGCCC

>GBCA0404 |Acc|X56388|Ver|X56388.1 GI:916|Canine rab11 mRNA for ras-related GTP-binding protein.

CTCCCCGGCCGCGCAATGGGCACCCGCGACGACGAGTACGACTATCTCTTCAAAGTTGTCCTTATTGGAG  
ATTCTGGTGTTGGAAGAGTAATCTCTGTCTCGATTTACTCGAAATGAGTTTAACTCTCGAAAGTAAGAG  
CACCATTGGAGTAGAGTTTGCACAAGAAGCATCCAGGTTGATGGGAAAACAATAAAGGCACAGATATGG  
GACACAGCAGGGCAGGAGGATACCGAGCTATAACATCAGCATATTATCGTGGAGCTGTAGGTGCCTTAC  
TGGTTTATGACATTGCTAAGCATCTCACATATGAAAATGTAGAACGATGGCTGAAAGAACTGAGAGATCA  
TGCTGATAGTAACATTGTTATCATGCTTGTGGGCAATAAGAGTGATTTGCGTCATCTCAGGGCAGTTCCT  
ACAGATGAAGCAAGAGCTTTTGCAGAAAAGAAATGGTTTGTCAATCATTGAGACTTCCGCTCTAGACTCTA  
CAAATGTAGAAGCTGCTTTTTCAGACAATCTGACAGAGATATACCGCATTGTTTCCAGAAAACAATGTC  
AGACAGACGTGAAAATGACATGTCTCCAAGCAACAATGTGGTTTCTATTATGTTCCACCAACCACTGAA  
AACAAGCCAAAGGTGCAGTGCTGTGAGAACATATAAGGCATTTCTCTTCTCCCTAGAAGGCTGGGGATA  
GTCCATTCCCAGGCTGAGATTAATAATATTTGTAATCTTGTGGTCACTTTGTGTTTATTACTTCCCT  
ATACTTATGAATTTTCCCATCTTAAAGTCTTTTGAATTTAGCTTTATAAAATCATCCACTTGTCCCGAA  
TGACTGCAGCTTTTTTTCATGCTATGGCTTCACTAGCCTTAGTTTAAATAAACTGAATGTTTGGATTCTC  
AAAAAAAAAAAAAAAA

>GBCA0405 |Acc|X56387|Ver|X56387.1 GI:914|Canine rab10 mRNA for ras-related GTP-binding protein.

GACTCGAGCCCTCGTTTTTCCCACGCTACCCCGGCTCCTCCGGCCTGAGAACGCCCAAGTGAGGAGTTGGC  
CGTCGTGAGAGGGACCGATCCCTTGGGGCCGCGCGCGGCGAGAGCCTGAGCCGCTCCTCCCAATGGCGAA  
GAAGACGTACGACCTGCTTTTCAAGCTGCTCCTGATCGGAGACTCGGGAGTAGGGAAGACCTGCGTCCTT  
TTTCGTTTTTCCGATGATGCTTCAATACCACCTTTATTTCCACCATAGGAATAGATTTTAAGATCAAAA  
CAGTTGAATTACAAGGAAAGAAGATCAAGCTACAGATATGGGATACAGCAGGCCAGGAGCGATTTACAC  
CATCACAACTCCTACTACAGAGGAGCAATGGGTATCATGCTAGTATATGACATACCAATGGTAAAAGT  
TTTGAACATCAGCAATGGCTTAGAACATAGATGAGCATGCCAATGAAGATGTGGAAGAATGTTAC  
TAGGAAAACAATGTGATATGGACGATAAAAGAGTTGTACCTAAAGGAAAAGGAGAGCAGATTGCAAGGGA  
GCATGGTATTAGATTTTTTGTAGACTAGTGCAAAAGTAAATATAAACATCGAAAAGGCTTTCCTCACATTA  
GCTGAAGATATCCTTCGAAAGACCCCTGTAAAAGAGCCCAACAGTGAAAATGTAGATATCAGCAGTGGAG  
GCGGCGTGACAGGCTGGAAGAGCAATGTTGCTGAGCGTTCTCCTGTTCCGTCAGTTGCCATCCACCACC  
CTGTTTTTCTCTTGTGCAAAATAAACCACTCTGTCCATTTTAACTCTAAACAGATATTTTTGTTCTCT  
CATCTTAACTCTCCAATCCACCTGTTTTATTGTTCTTTTCATCCGTGA

>GBCA0406 |Acc|Y00399 M31636|Ver|Y00399.1 GI:911|Dog phospholamban mRNA, complete cds.

AGTCAGAAAACCTTCTAACTAAACACCGATAAGACTTCATACAACCTCACAATACCTTTATATTGTAATCAT  
CACAAGAGCTAAGGCTACCTAAAGAGAGAGTGGTTGAGCTCAGATTTGGCCGCCAGCTTTTTTACCTTT  
CTCTTACCATTATAAACTTGAGACTTCCCTGCTTTCCTGGGGTCATGGATAAAGTCCAATACCTCACTCG  
CTCTGCTATTAGAAGAGCTTCAACCATGAAATGCCTCAACAAGCAGCTCAAAATCTTCAGAACCTATTT  
ATAAATTTCTGTCTCATTTTAAATATGTCTCTTGTGATCTGCATCATTTGTGATGCTTCTCTGAAGTTCTG  
CTGCAATCTCCAGTGATGCAACTTGTCAACATCACTTAATATCTGCCATCCCATGAAGAGGGGAAAAATA  
ATACTATATAACAGACCACTTCTAAGTAGAAGATTTTACTTGTGAAAAGGTCAAGATTCAGAACAAAAGA  
AATTTATTAACAAATGTCTTCATCTGTGGGATTTGTAAACATGAAAAGAGCTTTATTTTCAAAAATTAAC  
TTCAAAATGACTATAGGTGCGCATAAATGTAATGCTGAATTCCTCAACAAAGCTTGTAAAAGTTTCTATG  
CCAAATTTTTCTGAGGTTAAAGTAGGAGTTTAGTTTAAAACCTGCTCTGCTAACCAAGTTCACCTTCACAT  
ATAAAGCATTAGCTTCACATTTTGTAGCTAAATATTTATATTGTACTGTAAATGCCTATGTAATGTTTATT  
AAGATTTTTCAAGTCTCCGTAAGTACGAAAATAATCATCAAATGAAGTCATCATTTGAAATAGCCTAC

TGATTCCCTTACATCTGTTATCTTTATAATTATCATTTCAGAAAGTCTTTCTAGTAATAGTAAGTCTCATAAC  
CTACATTTTGAATAATAAAATGTTATTTCTTTCTGTACAACTAACATCTTTTTTTAAGTTTATGAGAA  
TCAAGTAGGAAAAATAAGACCATACTCTTACATAAAATAAAATTTCTCTTAACTTTTTCAAAGAAATACA  
GAGTTGTAGTGATGAAGGCAAACCATAAATCTGCTCTCTGTAGTACATTATGATCAAGAGACAAAAACA  
ATTGGTTAATTTAACAGCTGAGAGTATGATTAGCCAATTACTAATACACTAACAGAACAGAGTCTAACAT  
AAGGCACGTAGTTGATCACCTAAGTACATAAATTACCACATTATGCTTTGAAATCATGAAATCTTAAG  
ACTTTAGAATGATTTTATAGATTGTCTTCTATTCTTAACCTCATACTTAATATAGGCAAGGAAAAAGAATT  
TTAAAAATAAAAGGAGAAATACTCTTTCAAGCATTAAAAAAATAAAATTTGGGGTCCCAATATTAATT  
CCTTGATCATATTTTGACATGAACCTCTTTGTCTACTGTTTATAACAGATATAGCTATTTTCCTTAATC  
TATCAACCAAATGTTCAATACCTATTTGGTAGGCAATCCTACCATGCTAAATTATAAACCCAGTAATGTC  
AATCTACAATTTTTTCCCTAAATACATTTTCAATTTCCCTCTGATCATTTAAAAATATCTTCTAACTCA  
TAATAGAAGTAAAAATTTGGTATTGGAAAAATATATTACCAAAATTTGGTAATTTAACTTGATTCTGTTTA  
AAATTAGGTTTAAAGTGGTTTATACCTATACCTGCATAATCCAGTAATTTTAACTTCAAGACATATTACTA  
ATATAGCAACTAAGAGAAATAAGACATATTATTACTGTATTATTGTGGAAATGTGGCTACTAAA  
AGAATTTGAAAAGTCAGTACTGATCTTGGTTTATATATATATAGTACAAGTCTGCTAACAGATTAGTAA  
AGGAGACACTGCTTTTGGATTTTTTCTGGGTACCTGACAGGTAATGGGGATGGGCAGGGGAATAATTTTG  
GTTACAGATACCTGAGGAACAGAGGGAAAAAGAACTCTCATACCAACAGGGAGATTTCTTCAGCAAGCCCT  
CATCTAATAACCAATAGAACACTTATAGATAGTAAGCAATATATTCAACATTACCAGTTATTAGTAATTA  
TTTGTGAAAAGTAACCAAGTTCTATAGCTGCACTGATGTTAATAAGTGGGAAATCTGAAATGCTAAAA  
TTCTATTCCTTTTCAATTTTATGTTTCAATTATTACTTATATCAACACCAAACTATAAAATGTGAAGCTATGG  
GTTATTTCCCTAAGTAAAAATAAAATAAGTTTTTGTTTTTTCAATCTGCCTTCAATAGAAATTAACCTT  
TTTCTTGAAGATTACGGAATACTAGAACTCAGATTATAATGTAGAACAAAAACCTAACCTTTAAACGGAA  
CTTATTTATTCTGTTTTCATGATATGTAAAGAAATAAGATATAATAAGACAATTTATTTAAAAATTTTAAA  
TACCAATATTCTTTCTACTTGTAGAATAAATCTACTAATCTTAATTTACAGGGTACTAAAATGAAGTCA  
TTTTTAAATGTTTAAATGTTGCTTTTATATACCTTAGTTGGTTCAAATGTTTATTTAATGCAAAATCACC  
TATATTAATAAAAGAACCTTCTTG

>GBCA0407 |Acc|X54915|Ver|X54915.1 GI:909|Dog mRNA for cytochrome P-450.

GGCTGCACAAAAGGCCAGCAAAGACTAGCACACACCGCTGAGTGAAAGTACAGAGAATTCACAGAGGACG  
AGTGGTCATGGACTTGATCCCAAGCTTTTCCACAGAAACCTGGCTTCTTCTGGCTATCAGCCTGGTGCTC  
CTCTATCTGTATGGGACCTACACACATGGGATTTTAGGAAGCTGGGAATTCCTGGGCCAACACCTCTGC  
CTTTTGTGGGAAGTCTCTGGGCTACCGTAATGGTTTTATGTTTTTGGACATGAAATGTTTTAGTAAGTA  
TGGAAGAATGTGGGGGTTTTATGATGGGCGACAGCCTGTGCTGGCTATCAGATCCGGACATGATCAAA  
ACAGTACTAGTGAAAGAATGTTATTCTGTCTTCAAAACCGGCGGACTCTTGGTCCAGTAGGATTTATGA  
AAAGTCCGATCTCTCTGTCTGAGGATGAAGAGTGAAGAGAGAATGCGAACTTTGCTGTCTCCAACCTTCAC  
CACTGGAAAGCTCAAGGAGATGTTCCCATCATTTGGCCAGTATGGAGATGTGTTGGTGAACAACCTGAGG  
AAGGAGGCAGAGAAAGGCAAGGCCATCAACTTGAAAGATGTCTTTGGAGCCTACAGCATGGATGTGATTA  
CCAGCACATCGTTTGGAGTGAACATTGATTCCTCAACACCCACAAGATCCGTTTGTGGAAAATACCAA  
GAAGCTCTTAAATTTGATTTCTTGAACCATTTTCTTCTCCATATTACTGTTTCCATTCCTTACTCCG  
GTTTTTGAAATATTAAATATCTGGCTATTTCCAAAGAAAGTTACTGATTTTTTTCAGAAAATCTGTAGAGA  
GAATGAAGGAAAGTGCCTAAAAGATAAACAAGCACCGAGTGGACTTTCTTCAGCTGATGATTAAGTCA  
CCAGAATTCCAAAGAAATGGACACTCATAAAGCTCTATCTGATTTGGAGCTGGTGGCCCAATCTATTATC  
TTTATTTTTTGTCTGGCTATGAGACCACTAGCACTTCTCTTCTCTTATGTATGAATTGGCCACTCACC  
CTGATGTCCAGCAGAAACTGCAGGAGGAGATTGATGCCACTTTCCCAATAAGGCATTGCCCACTTACGA  
TGCCCTTGTGCAGATGGAATATCTGGACATGGTGTGAATGAACTCTCCGATTATACCCAATCGCTGGT  
AGACTTGAGAGGGTCTGTAAGAAAGATGTGGAAATCAGTGGTGTGTTTCAATCCCAAGGGACAGTGGTGA  
TGGTGCCAACTTTACTCTTCTATCGAGACAGAGTCTCTGGCCAGAGCCTGAGGAATTCGACCTGAAAG  
GTTTCAGTAGGAAGAAGACAGGACAGCATAAATCCTTATACATACCTGCTTTTGGAACTGGACCCCGAAAC  
TGCAATGGAATGAGGTTTGGCATCATGAACATGAACTTGCCCTTGTAGGGTCTGCAGAACTTCTCCT  
TCAAACTTGTAAAGAAACACAGATCCCCCTGAAATTAATGCTCAAGGGATTATTCAACCTGAAAAGCC  
CATTGTTCTCAAGTTGAGCCAAGAGATGGGAGTGTAAATGGAGCCTGACTTTCCCTAAGGACTTCTCTT  
TGTTCTTCAAGAACTATCCAGAACACAGAGACCTCAATTTCTTTGATTATGTGGTTTCACTCATGT  
AGGGAATATAAGAAATAGTGAAAGGGGTTGTAGGGGAAAGAAGGGAAAATGAGTGGGAAAAATTAGAGAG  
GGTGACACAGAATGAGAACTCTTAACCTCTGGGAAATGTACAAGGGATAGTGAAGGGGAGGCAGGTGGG  
GGGATGGGGTACTGACGGGCACTGAGGAGGGCACTTGACGGGATGAGCACTGGGTGTTACAATGTATGT  
TGGCAATCAAACTTCAATAAAAAATATATTAATAAACCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0408 |Acc|Y00518|Ver|Y00518.1 GI:907|Dog mRNA for luteinizing hormone (LH) beta subunit.

CTCCCCACCCGCTTCCACCACAGGTACCTGTCCCCGAACCTCCGCGCCACCTGCTGATGTGCCG  
GCCCGCGCCTGCCATGCCGCCGCCATCTCGGCCTCCAGGCCGCCTACATTGGCATCGAGGTGCTCATC  
GCCCTGGTCTGCTTGCCCGGGAACGTGCTGGTGATCTGGGCAGTGAAGGTGAACACGGCGCTGCGGGGAT  
CCACCTTCTGCTTATCATCGTTCGCTGGCGGTGGCTGACGTGGCGGTGGGCGCCCTGGTCATCCCGCTGGC  
CATCTCTATCAATATCGGGCAACAGGACCTACTTCCACACCTGCCTCATGGTGCCTGCCCTGTCTCATC  
CTCACCCAGAGCTCCATCCTGGCCCTGCTGGCGATTGCCGTGGACCGCTACCTCCGCGTCAAGATCCCAC  
TCCGGTACAAGACGGTGGTGACTCCGCGGAGGGCGGCGGTGGCCATCGCCGGCTGCTGGATCCTGTCTCT  
CGTGGTGGGCGCTGACCCCGCTGTTCGGCTGGAACAGGCTGGGGGAGGCGCAGCGGGCCCTGGGCGGCCAC  
GGCAGCGCGCGCGAGCCCGTGATCAAATCGAGTTCGAGAAGGTATCAGCATGGAGTACATGGTCTACT  
TCAACTCTCTGCTGGGTGCTGCCGCCCGCTGCTGCTCATGGTCTCATCTACCTGGAGGTCTCTATCT

GATCCGGAGGCAGCTCGGCAAGAAGGTGTGGCCTCCTCTGGCGACCCGCGAGAAGTACTACGGGAAGGAG  
 CTGAAGATCGCAAGTCTGCTGGCCCTCATCTCTTCCCTCTTCGCCCTCAGCTGGCTGCCCTTGACATCC  
 TCAACTGCATCACCTCTTCTGCCCTCCTGCGGAAGCCAGCATCTCATGTACATCGCCATCTTCTCT  
 CACGCACGGCAACTCGGCCATGAACCCCATCGTCTACGCCTTCCGCATCCAGAAGTTCCGGGTACCTTC  
 CTTAAGATCTGGAATGACCACTTCCGCTGCCAGCCACGCCCCCGTCGACGAGGACCCCCAGAGGAGG  
 CGCCCCACGACTAGACGCCACCTTCTCCCGCTGGGCTGGGCTGGGCGCCTGCACCTTGGGTCTAGAG  
 CCCTGACCCACTCCTGAGCCCTCCCGGCTGGGCTGGGCTGGGCGCCTGCACCTTGGGTCTAGAG  
 GAGGTTTGGGAGGACGGCCACGGCGAAGGAACCGGTGCCCTGAGGAGACGGAGAAAGTGGCTCGAGCC  
 TCCCCAGCTGTGTGACCGGCCACGGGCAGCCCGGTGCTTCAGGCCAGACGGACCTGGGGACACTGGGGC  
 TGCGGGGGTCCCGTGGGGCCCGAAGGCAAGCTTGGGCTCCCGTGGAGGTACGGGAGCCGCTTGTCTGCTG  
 GTGCTGTGCTGAAGCCCTGGAACAGAGCCCGAGGACGGGGGAGGTCCCTCCGAGATGCAGGGGATGGA  
 GAGAAGCTGGACATCAAGGTCTTGTCTCTCTCTGTTCTGTAGAAGGTGGGAGAGCCCTGGGCAGGAA  
 TCAGGGGTCTCAGCCCTGCTCCCGGACCTGAGCTCCTAGCCACGCTGGGTGCCGGGGGCTGCC  
 CTCTTGGCCAGGGCAACCGGTTTGCCTTGGGATGGGCGGAAGAGCGGGTCCAGAAATCATTCCCAA  
 CCTTTACTTGTATCTCCACAGCCCTGCCCCCTGTCTGAAGGGCCTGCCACACACAGCCACAGGTGGCA  
 GCCCCGCGCGGCTCAGCCGAGCCCCCAGGAGCGGGAGCAGCGGGGCTGTGAGGGGCCACCTGGGCTAC  
 CGCCCCATTAGCCCTAGAGGATGCTTGCCTCTCTAAGTGACACTGGCTGCTGCTTCTGGGCCGGGGAC  
 AGGGGGGCGCAGCCTCCGGCCTTGCAGCGCTGCCCGTGGGCGCTCCCGGTGTGACTTGGCACAGGCTCT  
 ACCGCTGAGGCTGAGGCAGGAAGGTCTTGTCTGGCATTAAATACCCTCAGGACCCCTGGCACTTAGCAG  
 TTTCCAGGGCCTTTGGGGCTCTGCACGGTCTAGATGGGCTTTAGCGCATCCAGGGAAGGTCGCCCTCT  
 GCCAAGCTCAGGGCCCGGGCCCTTGTCCAGGGGTGGGGGCGGGGTTCGGAGTGTGAACAGCAGCTCTA  
 GGCTTGGATTCCAGACCTTCCCTTTCTCAGAGGTAGGCTCTTCCCTGGCTCCAGGGGGCCACCTTCT  
 AATAAAGACTGTGGGTCTTGAATAAAAAA

>GBCA0411 |Acc|X14050|Ver|X14050.1 GI:902|Canis familiaris RDC5 mRNA for G protein-  
 coupled receptor.

CCGTGCTGCCCTTCTCGGCGCCCTGGAGGTGCTCGGCTACTGGGTGCTGGGACGGATCTTCTGTGACAT  
 CTGGGCGCCGCTGGACGTCTCTGTGCTGCACGGCTCCATCCTGAGCCTGTGCGCCATCTCCATCGACCGC  
 TACATCGGGGTGCGCTACTCGCTGCAGTACCCACGCTGGTACCCGAGGAAGGCCATCTTGGCGCTCC  
 TCGGCGTCTGGGTCTTGTCTACGGTCTCTCCATCGGGCCTCTCCTTGGGTGGAAGGAGCCCGCGCCAA  
 CGATGACAAGGAATGCGGGGTACCCGAGGAACCTCTCTACGCCCTCTTCTCTTCCCTGGGCTCCTTCTAC  
 ATCCCGCTGGCGGTCTTCTGGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
 TGGAAAGCCGGAGTCTGAAAGAGATGTCTAACTCCAAGGAGCTGACTCTGAGGATCCACTCCAAGAAGT  
 CCACGAGGACACCTCAGCAGTACCAAGGCCAAGGGCCACAACCCAGGAGTTCCATAGCCGTCAAAGT  
 TTTAAGTTCTCCAGGGAGAAGAAAGCAGCCAGACCTTGGGCATTGTGGTGGGTATGTTTCTGTGCT  
 GGCTACCTCTCT  
 CAAGGTGGTGTCTTGGCTGGGCTACTTCAACAGCTGCCTCAACCCCATCATCTACCCGTGCTCCAGCAAG  
 GAGTTCAAGCGCGCTTCTGTCGCATCTCGGCTGCCAGTGTGCGGGCCCGCCCGCCCGCCCGCCCGCC  
 GTCGCTGGGCGGCTGCGCTACACCTACCGCCGTGGACGCGCGGCGGCTCGCTGGAGCGCTCGCAGTC  
 GCGCAAGGACTCGCTGGACGACAGCGGCGAGTGCCTGAGCGGCGAGCCAGCGGACCTCCCGTGGGCTCG  
 CCGAGCCCCGGCTACCTGGGCGCGCGCGCGCCCGCCCGCTCGAGCTGTGCGCCGTCCCGAGTGGAAAGG  
 CGCCGGGCGCGCTGCTGAGCCTGCCCGCGCCCCAGCCCCCGGCGCGCGCGCGCGCGCGCGGACTCGGGCCC  
 GCTCTTACCTTACGGCTCTTGGCGGAGCGCGGAGCCCCCGCGCGCGGAGACGGGGCTGCCGGCCCGCG  
 CCCCAGCGCGCAACGGGCGAGCCCGGCTTCAAGACCAACATGCCCTGGCGCCCGGGCAGTTTATAGGGG  
 GCCTGCGGGGGGGAGGGGGGGGAAACCACCTGGGGGGAGGGCGGGCGAGGGGGAGGGCGGGCGGCCCC  
 GGGGGAGGCGGGGGGGCGGGGGGAGCTGCTTGTGCTGGCAGGGGATGGGTGCCAGGTACAGCGGAGGGC  
 TGGGCGAGCATGCCGAGAGCTGGGGCCCCGACGCCGCGGGGATGTCCGTCTGTCTCTGTACATATC  
 CAACAGATCCCTGTGTGTGTCAGGTATTTAACCGTGGGTACACGTGCGTGTGTCTGTGCGGTGTCCGTGTGG  
 TCTGCGTGCAGCGCTGGGTGCGGCCACCGGGGGGGGGGAGCGGGGGCGCCGTGGGCCCGGGACCTCGCG  
 CCCCTCCAGCGCTCCCGGCCCTCCCCGAGTGGCGGATGGCCCTGGGCCCGGGTGGGAAACAAATCGGA  
 CATTAAAGGTCTGTTG

>GBCA0412 |Acc|X14049|Ver|X14049.1 GI:900|Canis familiaris RDC4 mRNA for G protein-  
 coupled receptor.

TAAAGTTCTCATTAACACATTTATCCCTCAAGCTTTGGAAGGAGCCAAAAATGCCAAAAGCGAGAATC  
 CCAAAGCACTGCCACACTGGTGTGATATCCTGGTAGATGTCTAACAAATTCAGCATGTGTCCCTGGGC  
 TTGAACATTTGTGGGCAAGGTCCAGAATAGTGAGACATCTTGGGATTATCTGGTTAGGAAAGACTT  
 TTAACACCAGCCGTACCTCACTGTTCTTCAAGTAGTCAAGTCTTGAGGTCTTCTAGTGTGGGCTGTT  
 CTGATGGAGGGCCCCCACCAGCATGAAGCAGAAGGATGACCTCGTCCCGTAGGCAGGACAACCTGTGAAG

AGAGCTGCGTGTGTCCAAGTCTGTGGGAAGAGAGAGCCACCTAGAATGTCCCCGCCAAACAGTCACTGG  
 AAGGCCCTTCTCCAGGAGGCCCTCCAACAGATCCCTGAATGCTACGGAAACCCAGAGGCCTGGGGTCCAGA  
 GACACTCCAGGCCCTCAAGATCTCTCGCTCTGCTCCTCTCCATCATCACGATGGCCACAGCCCTCTCG  
 AACGCCCTTTGTGCTCACCACCATCTTCTCACCAGGAAGCTCCACACCCCGGCTAACTATCTCATTTGGCT  
 CCCTGGCCATGACTGACCTCTTAGTGTCCATCTTGGTCATGCCCATCAGCATGGCTATACCACCACCCG  
 CACCTGGAGCTTTGGCCAAATCCTGTGTGACATCTGGCTGTCTTCTGACATCACATGCTGCACGGCTCC  
 ATCCTGCATCTCTGTGTATCGCTCTGGACAGGTACTGGGCCATCACCGATGCCCTGGAGTATAGTAAGC  
 GCCGCACAGCGGGCCGGGCAGCTGTATGATCGCCACCGTCTGGGTCTATCTCCATCTGCATCTCCATCCC  
 TCCGCTCTTCTGGCGGCAGGCCAAAGCTCAGGAGGACATGTGCGACTGCCAGGTGAACACATCTCAGATC  
 TCCTACACCATCTACTCCACGTGCGGGGCCCTTCTACATCCCGTCCGTGCTGCTCATCTCTATGGCC  
 GCATCTACGTGGCTGCCCGGAACCGCATCTGAATCCGCCCTTCTGCTGTACGGGAAGCGCTTACCACAGC  
 GCAGCTCATCAGGGCTCCGCGGGGTCTCGCTCTGCTCCCTGAGCCCCAGCCTCCAAGAGGAGCGCTCG  
 CATGCGGGCGGGCCCCCTCTCTTTTCAACCACGTGCAAGTCAAGCTGGCCGAGGGTGTCTGGAGCGCA  
 AGAGGATTTTCGGCGGGCCGAGAAAGAAAAGCCACCAAAACCTGGGGATCATCTGGGGGCCCTTTATCGT  
 CTGCTGGCTGCCCTTCTTTGTGTCATCTCTGGTCCCTCCCATCTGCCGGGCCCTCTGCTGGCTCCACCA  
 GCCCTCTTTGACTTCTTACCTGGCTAGGCTATCTCAACTCTCTCATCAACCAATAATATACACTGTGT  
 TTAACGAAGAGTTTCGGCAAGCGTTTCAGAGGGTGTCCATGTCCGGAAGCCCTCTAGTCTGATTTGCT  
 GGTGACTCTGTATCCGGTGTCTCTGTAACCCAGCTGGAATTGTCTTGTTCGTTTTCTGAGATTTG  
 GGTCAATCTGATGTCTGGGTTTGGTTCCATCAATAGAATTGTTTCAGTGAGAAAAA  
 >GBCA0413 |Acc|X14048|Ver|X14048.1 GI:898|Canis familiaris RDC1 mRNA for G protein-  
 coupled receptor.  
 CGAGGCGGGGAGCCGAGGCCGCCAGCGCGAGGGAGCCCCGAGCCCCGAGCCCCGCGGAGGCCGTT  
 CGCCGGCTGCCCGCAGCACCATGATCTGCACCTCTTCGACTACGCCGAGCCAGGCAACTTCTCCGACAT  
 AAGCTGGCCGTGCAACAGCAGCGACTGCATCGTCTGGACACCGTGTGTGCCCCAACATGCCCAACAAA  
 AGCGTGCTGCTGTACACGCTGTCTTCAATTTACATCTTCATCTTCGTGATCGGCATGATCGCCAACCTCCG  
 TGGTGGTCTGGGTGAACATCCAGGCCAAGACCACCGCTACGACACTCACTGCTACATCCTCAACCTGGC  
 CATCGCCGACCTGTGGGTGGTCTGTCACCATCCCCGTCTGGGTGGTCAGCCTCGTGCAGCATAACCACTGG  
 CCCATGGGGGAGCTCACGTGCAAGATCACGCACCTCATCTTCTCCATCAACCTGTTCCGGCAGCATCTTCT  
 TCCTCACGTGCATGAGCGTGGACCGCTACCTCTCCATCACCTACTTCGCCAGCACGTGAGCCCGCAGGAA  
 GAAGTGGTTCGCCGCGCCGTCTGTGTCTGGTGTGGCTGCTGGCCTTCTGCGTGTCCCTGCCCGACACC  
 TACTACCTGAAGACCGTCACGTCCGCGTCCAACAACGAGACCTACTGCCGCTCCTTCTACCCCGAGCACA  
 GCGTCAAGGAGTGGCTCATCAGCATGGAGCTGGTCTCGGTGGTCTGGGCTTCGCCATCCCCCTTCTGCGT  
 CATCGCCGTCTTCTACTGCCTGTGGCCCGCGCCATCTCCGCGTCCAGCGACAGGAGAAGCAGAGCAGC  
 CGAAAGATCATCTTCTCCTACGTGGTGGTCTTCTCTCGTGTGCTGGCTCCCCCTACCACGTGGTGGTGTCT  
 TGGACATCTTCTTCTTCTACATACATCCCCCTGCTGCCAGCTGGAGAAGTTCCTCTTACGCGCTCT  
 GCACGTACGCAGTGCCTGTCTCTGGTGCATGCTGCGTCAACCCCGTGTCTATAGCTTCATCAACCGT  
 AACTACAGATACGAGCTGATGAAGCCTTCATCTTTAAGTACTCGGCCAAGACGGGTCTCACCAGCTCA  
 TCGATGCCCTCCAGGGTGTCCGAGACGGAGTACTCCGCCCTGGAGCAAAACGCCAAGTGACAGGCCCGCG  
 GGGCCTCGGGGACAAGCGTGGCGCTTCTTACACGGCGCTGGGTGTCATCGTCTCCAAGAGTTCAAGCAA  
 GCGCGCTTGGGGCTTGAGGCCCTGAGTCGCGTGAAGTGGGGAAGCAGGTGCCACCGTGGGCCCTTCTCTCT  
 TTTGTCCGCTGCCGGGGTGGCTGTACGGGGCGCTCGCTGCAGGCGTGGGCCGTGCTGCGTGACCC  
 TACTACTTACTCGTCCAAGCCGGTTGCCGGCGGGCTCGCTGCATCTCTGTAATAAGGACTTCTGTGT  
 TCCCTGGAGGTTTTACTTTGGTGACTTGTATTTAAGTTTTAAGACTTTATTTTCTCATTATCGGCGTACCT  
 TATAAATGTACTTGAAAGTTTTAAATATATTTTATAAAAAATCGTATGGGCGCTGTACATACGATACATAT  
 ACATACGCTGACATATATTCAGAGCGTTGTAGTTTTTAACTAGTTTGATTTTCACTTTTGAAGGATGAC  
 ATTAATTTGTAGTGTGTTTTGAAATTTTATATATATATAAATATAAATATAAATATATAAATATATAA  
 TATATGCGGTCTGGGCTGAAATGTTTTATTTACGATAGTTTTATATCTGTGTGGTGGCTTTGCTACCTGC  
 ATGGGATATGGGACAAGAAGGACGCTGTAAAGCAGTTTGTGATATTAATTGTATCGTAAAGTTACATTAA  
 AAATGCCAAACGAAGCGGAACCTTCCAGGCTGCAGCGCCGCGCACAAAGTTTTGAACAGTCTTATTTG  
 GAGAGTCTCTCAATTTGTAAGTTATTTTTCTTTTTTTTTTTTTTAATAAAGATTTGTTTTTCTCTAAAA  
 AAGGCAAAAAAAAAAAAAA  
 >GBCA0414 |Acc|X14047|Ver|X14047.1 GI:880|Canis familiaris mRNA for calcyphosine.  
 AGAGCAGGCTTGTGGCACCGGACCACAGCCTGGTCAGTCGAGTGGGAATCCTTCTCAAACCTCTCCCCA  
 GCCAGTCTGACCCAGCATGGATGCCGTGGACGCCACTGTGGAGAAGCTCCGGGCACAGTGCCTGTCCCCA  
 GGGGCTTGGGCATCCAGGGCCTGGCCAGGTTTTTCCGCGCGCTGGACCGGGACAGGAGCCGATCCCTGG  
 ACTCCAGGGAACTCCAGCGGGGCTGGCTGAGCTGGGACTGGTGTGACACGGCCGAAGCGGAGGCGCT  
 GTGCAGGCGCTGGGACCGTGATGGCAGCGGGACGCTGGACCTGGAGGAGTTCTGAGGGCACTGCGGCC

1379



AGGACCGGTGGCAGTTGGTTAAGATCCTTCTGTTCTACGTGATATTTTACGGCTGCTTGGCTGGGATCT  
 TCATTGGGACCATTCAAGTGATGCTGCTCACCATCAGCGAATTCAAGCCCACATACCAGGACCGTGTGGC  
 CCCACCAGGATTAACACAGATTCTCAGATCCAAAAGACTGAAATTTCCCTTCGCCCTAACGATCCCAAG  
 AGCTATGAGGAATATGTGCGCAACATAGTCAGGTTCTGGAGAAGTACAAAGATTAGCCCAAGGATG  
 AAATGATTTTTGAAGATTGTGGCAATATGCCAGCGAAATCAAAGAACGAGGAGAATTTAACAATGAACG  
 AGGAGAGCGGAAAGTCTGCAGTTCAAGCTTGAGTGGTTGGGCAATTGCTCCGGAATCAACGATGAGACT  
 TATGGCTACAGAGACGGCAAAACCGTGTGTCTTAATAAAGCTCAACCGAGTTCTGGGCTTCAAACCTAAGC  
 CTCCCAAGATGAGTCCCTGGAGGCTTACCCAGTGATGAAATACAGTCTTACGTCTGCCGTTTCAAGT  
 CACTGGCAAGCGAGACGAAGCAAGGATAGAATTGGGAACGTGGAGTATTTTGGCCTGGGCGGTACCCG  
 GGGTTTCCCTCTGCAATATTACCCCTACTACGGCAAGTTGCTCCAGCCCAAGTATCTGCAGCCCTGCTCG  
 CCGTGCAAGTTCAACCAACCTCACCATGGACACTGAAATTCGCATCGAGTGAAGGCTTACGGGGAGAACAT  
 TGGTTACAGTGAGAAAGACCGTTTTCAGGGACGCTTGGATGTAAAAATTGAAGTTAAGAGCTGATCACA  
 GCACAAATCTTTCCCACTAGCCATTTAAAAAAGTTAAAAAAGATACAAAAACAAAAACCTACTAGT  
 CTTGGAATAAAGCTGATAAGCTATGGGACCTACCTTAATCTATATGCTTTACACTAGCTTTCTGCAATTT  
 AATAGGTTAGAATGTAAATTTAAAGTGTAGCAATAGCAAGAAATATTTATTTCTACTGTAAATGAC  
 >GBCA0417 |Acc|Y00751|Ver|Y00751.1 GI:867|Mongrel dog mRNA for arginine esterase.  
 CTCACGTGCTGCCAGCTCCAGCACTCCTGTCCCATGTGGTTTCTGGCCCTGTGCCTGGCAATGTCCCT  
 GGGGTGGACTGGTGTGAACCCCACTTCCAGCCCCGATCATAGGAGGCAGGGAATGTTTGAAGAAATCT  
 CAGCCCTGGCAGGTGGCTGTGTACCATAATGGTGAATTTGCTTGTGGGGGTGCTCTGGTTAATCCAGAGT  
 GGGTGTCTCAGCTGCCCACTGTGCAACAGTAATTTGTGAGGTCTGGCTGGGTGCGCCACAACCTGTCGGA  
 GTCGGAAGATGAAGGCCAGTTAGTCCAAGTCAGAAAAAGCTTCATACATCCACTCTACAAAACGAAGGTC  
 CCTAGAGCCGTCTATCCGTCCAGGGGAAGATAGAAGCCATGACCTCATGCTGCTGCACCTGGAAGAGCCCCG  
 CCAAGATAACAAAAGCTGTGAGGGTGTAGGACCTGCCCCAAAAGGAACCTCCATTGGGGAGTACCTGCTA  
 TGTCTCTGGATGGGGCAGCACTGATCCAGAAACGATTTTTTCAACCCAGGGAGTCTCCAGTGTGTGGACCTC  
 AAACCTCTGTCCAATAATCAATGTGCAAAAGTATACACTCAAAAGGTGACAAAGTTTCATGCTGTGTGCTG  
 GTGCTTTGGAGGGTAAAAAAGATACCTGCAAAAGGTGACTCAGGAGGCCCTCTGATATGTGATGGTGAATT  
 GGTAGGTATCACATCATGGGGGGCTACTCCATGTGGCAAGCCTCAAATGCCATCCTTGTATACCAGGGTG  
 ATGCCCTCATCTGATGTGGATCAAGGACACCATGAAAGCCAACACCTGAATGTCCCTTTTCTACTCTCTAC  
 TCCTAGTAAAAATTGAGTATACATC  
 >GBCA0418 |Acc|X53592|Ver|X53592.1 GI:847|Dog mRNA for glycoprotein gp25L.  
 CAGAAATGCCAATGCTGGCATTGCTTTAAGTTTTTATTTTTCTCTTTCAACTGCTTTCTACTTCCACGT  
 AGGGGAACGAGAGGAGAAATGCATCATAGAAGACATTTCAAGTGACACGCTGGTAACAGGGACTTTCAAG  
 ACACAGCAGTGGGACTTCCGCAAGGAGGATTTCTCGAATCTGCTCCGGGCTGGGGATGTTTGTGACTG  
 TCACAACTTCAACAGTGAAGGATTTATTGTTCCAGTTATATGGCCCAAGGAAGATTCTATTTTCACTTC  
 ACATTCACCTGGCGAACACATCATTTGCTTGGAACTCAATTTCTACGAGGCTTGTGTCCTTCGGTGGGAGT  
 AAGCTGCGGATCCACTTAGAGATTGAGATTGGACAACATGACCTTGATGCGGCCATTGCTCAAGCAAAGG  
 ACAAAGTTAATGAAGTTAGCTTTAAGCTGGAACATCTAATTGAGCAAATTTAGCAAATAGTCAAGAAACA  
 GAACATCAAAAGGACCGTGAAGAAATTTTCCGATGATCAGTGAAGATACAAATAGCAATGTTTATGG  
 TGGGCATTTGCACAAACATTGATCTTTATTGCAATCGGAATTTTCCAAATGAAATCCCTTAAAAACTTCT  
 TTATAGCTAAGAACTCGTTTAAATGTTAATACAAACAGCTACCTGCTAATTTGTAGAATGTCTGAGTT  
 AATAAATCAAAATACATTCACAAAAAATTAATACAAACAGCTACCTGCTAATTTGTAGAATGT  
 >GBCA0419 |Acc|X53591|Ver|X53591.1 GI:845|Dog mRNA for glycoprotein gp25H.  
 TCGAATTTCCACAAATCTTCTCACTATTTTGCTACATAGATGAGTTGATCCTTTTAGATTGTTTATGGGT  
 AGCTCTTCCGGTCTCGGTGGTCCCTGAAAGACTGTGGGTGCGCGGATGAGGCTTCTGGCTTCTGTGC  
 TGTGTCCTGTTTGTGTGTCAGTCATGCGGAGGAAGGAGCCCGGCTTCTGGCCTCCAAGTCACTGCTGAA  
 CAGATACCGCGTGGAGGGGCGAGACCTGACCTTGAGTACAACATCTACAATGTTGGCTCAAGTGCTGCA  
 TTAGACGTGGAGTTATCTGATGATTCCTTTCCCCAGAGGACTTTGGCATTGTGTCTGGAATGCTCAATG  
 TCAAATGGGACCGGATTGCCCTGCTAGCAATGTCTCCACACCGTGGTCTGCGCCCGCTCAAGGCTGG  
 CTATTTCACTTTACTTCCGGCTACTGTTACTTACCTGGCTCAGGAGGATGGGCTGTGCTGATTGGCTTT  
 ACCAGCGCCCTGGAGGGGAGGATCCTGGCCACCGGGGATTTGATAGGAGATTCTCCCCGCAATTTT  
 TGGATGGGCAAGCTTTCGGAGTCATGACCCTGCCCTCGCATCGGCATCCCCCTGCTGCTGTGGTACTCCAG  
 CAAGAGGAAATATGACACTCCCAAGTCCAAGAAGAACTGAGGGGCTTCCGAGGCGGCTGCCTAGGAGATC  
 CAGGTGCTTTCCAGACTCCGGAGGGCCTCTGGAGTGGGTCTCTCATCCCCAGCCCTGCCACCTTCTCC  
 AGGATCCTGCTGCTCTCAACAGAGTCCGACAGCTCGGTGTCTGTGAAGCCTCCTCCTTCTGTCCCA  
 AAGCCATATGACAGAAGAGCAGGAATGCTCCAGCAACAATCCTCGGGACCTCATCTGTGTGCTGCTG  
 TGGTGTGTCAGTGTGAAGTGAAGGGCCAGGAGGGGGCACTAAGGAAACTGCCTGACTCTACCCCCATCCC  
 CTGCTCTCGCCTCTCGGAAGAGGGTGGAGAGGATCAGATGAAGGCCAAGTGACTCGGAGGCTACCCAATC



TCTGTTGTGGGTCAGGGGAGCTCTAACCAAATGGAGTTTTCTAATAAAAACATGCCACACGGAATTCCTG  
CAGCCCGGGGGATCCACGAGCTA  
>GBCA0420 |Acc|X53564|Ver|X53564.1 GI:841|Canine mRNA for colipase.  
ATGGAAAAGATCCTCGTCTCTGCTCGTTGCCCTTGC GGTTGGTCTACGCGGTTCTGACCCCTCGGGGGA  
TCATTATCCACCTGGAAGACGGCGAGCTCTGTCTGAACAGCGTCCAGTGCAAGAGCAAGTGCTGCCACCG  
GGCCACCGGGGTGAGCCTGGCCCGCTGCGCACCCAAGGCCAGCGAGAACAGCGAGTGCTCTGCCAAGACG  
CTCTATGGGGTTTACTACAAGTGTCCCTGTGAGCGGGGCCCTGACCTGTGAGGGTGACAAGTCCATCGTGG  
GCTCCATCACCAATACCAACTTTGGTGTCTGCCACGATGCTGGGCGCTCCAAGAAGTAAAGCCACTGAAG  
GATGCTCCTCATCCACCACCTCTCCCTGGCTGGCCACCCCTTAACCAGCACCTCCCTTTTCTGATTGGA  
TTCTCAGCAATTAAAGCTCTTCCTGCAACCTT  
>GBCA0421 |Acc|X65450|Ver|X65450.1 GI:839|C.canis mRNA for chloride channel.  
GGCGAGGCGAGCGGCTGGGGTGC CGCGCGCGGACGCTCGCTCCCGGCTGTGTCTCCGCGCTCCCTGCTGC  
AATGAGCTTCCTCAAAAGTTTTCCCGCGCGCGGCTCGGCGGAGGGGCTTCGGGCAGCAGCAGCCCGAGACC  
GAGGCCGTGCTGAACGGCAAGGGCCTCGGCACCGGCAGCTCTACATCGCGGAGAGCCGCTGTCTTGGT  
TAGATGGCTCTGGATTAGGATCTCACTGGAATACCCCAACATTAGCTTGCATGCGGTGTCCAGGGACCT  
AAATGCCATATCCACGAGAGCATTTGTATGTTATGGTGAATGCTAAATTTGGAGAAGAATCAAAAGAATCT  
GTTGCTGAAGAAGAAGACAGTGATGATGATGTTGAACCTATTGCTGAATTTAGATTTGTGCCTAGTGATA  
AATCAGCATTGGAGGCAATGTTCACTGCAATGTGTGAATGCCAGGCTTTGCATCCTGATCCTGAGGATGA  
AGATTCAGATGATTACGATGGAGAAGAATATGATGTGGAAGCACATGAACAAGGGCAGGGGGACATCCCT  
ACATTTTATACCTATGAAGAAGGATTATCCCATTTAACAGCAGAAGGCCAAGCCACCTTGGAGAGATTAG  
AAGGAATGCTTTCTCAGTCTGTGAGCAGCCAATATAACATGGCTGGAGTCCGGACAGAAGATTCAACCAG  
AGATTATGAAGATGGGATGGAGGTAGACACTACACCAACAGTTGCTGGACAGTTTGGAGATGCAGATGTT  
GATCACTGAAGATGATTTATGCTGCTGTGGGATTCTGCTCATAACTAGGAAAGGACTAAAGAACTTGGTG  
CCTCTTCTACTGTGGAGTGGGTGTTGATGAAAGTCTTTTTCTTCTCCAAAATTTACCTGAACCCAGTTCT  
TTTTTTGAGACAGACTATATACTGAGACAAAAGTTGTCCACCAGCAGAAGAACTATGACCTTTATTAAC  
AAAGGTGAATTAACCTTAACCAAGAGGGTATTTGTAGTTTATCATCTACCCAAAATTTTGTGTATAGGTA  
TCCTCTGAGTAGGCCTATAGTTCTGCTTCTCACTATATGCATCTTCTGTAACTGGCAGGCCATGTGTG  
GAGAATGCGCAGGTGCTTGAAGACATAGGTAGACTGGATGGGAAGGAAGGAGGCTGAATCTAAGATATAT  
CCTTTAGAGCCTAAGGATTCCTTACCCCTTAGAAGAAAGACAAAGAGATCTCAGAGAAATCCTGGCCA  
CTGCTTGTCTTTCACAGGGATTAGGGTCTTTTTACTAATTTGGGATCCAGGTTAATTCATTTAGGCATCT  
TTAGAGAGCCTCTTGGAAATATCCTAGCCACATGAAATACCACTAATATGGATGCTTCTGATTAGCTTTT  
ACTCTTTCACCATGTTTTCACCACTGCTGTTTTGTATAACCTCTTAGGTTATAGCCTTTAATTTCTAACCT  
CTTAGGTCAGTTTCCATAACAAATGAAATTGGGATGAAGTCTCAGTACTTCAATGATACTTGTGTTTTG  
TCTTTGTAATAGTTTAACAAATAAATCTAGGTTTTCTAT  
>GBCA0422 |Acc|U27349|Ver|U27349.1 GI:1072034|Canis familiaris peripherin protein (RDS)  
mRNA, complete cds.  
GCAGAAACATCGCGGAGACCTGGCCCCCTTCATGAGCTGCGACTCTGAGGCCCTGCTCCCGCTGCAAGGT  
TAACGGGGGTCCCAGGCTAAGGGGCCAACATGGGCAGCTCCCAGGGCAGCTCCCTGCAGCGTGGGCCGT  
CTGCTCCCTGCCAGAGCCCTGAGCGTTTACGGCCCCCGGGCTCACTGCAGTCAGGAGTGGGAGCCGAGCT  
GGGAAGCTGCCTGCAGTGCCTCGGCGAGAATGGCGCTGCTCAAAGTCAAATTTGACCAGAAGAGAGGG  
TGAAGTTGGCCCAAGGGCTCTGGCTCATGAACCTGGCTCTCCGTGTTGGCTGGCATCGTCATCTCAGCCT  
AGGGCTGTTCTTAAAGATCGAGCTGCGGAAGAGGAGCGATGTGATGAATAATTCAGAGAGCCATTTTGTG  
CCCAACTCCTTGATAGTGAATGGGGTGTCTGTCTGTCTTCAACTCTCTGGCTGGCAAGATCTGCTACG  
ATGCCCTGGACCCGCCAAGTACGCCAAGTGGGAAGCCCTGGCTGAAGCCGTACCTGGCTGTCTGTCTCT  
CTTCAACATTGCCCTCTTCTGTTGACCTCTGCTGCTTCTGATGCGGGGCTCACTGGAGAGCACCCCTG  
GCCCCAGGGCTCAAGAACGGCATGAAGTACTACCGAGACACAGATACCCCGGGCAGGTGTTTCATGAAGA  
AGACCATCGACATGCTGCAGATTGAGTTCAGATGCTGTGGCAACAATGGCTTTCGAGATTGGTTTGAGAT  
TCAGTGGATCAGCATCGTACCTGGACTTTTCTCCAAAGAAGTCAAAGATCGCATCAAGAGCAATGTG  
GATGGGCGATACCTGGTGGATGGTGTTCCTTTCAGCTGCTGCAACCCAGTCTCCACGGCCCTGCATTC  
AGTACCAGCTCACTAACAATTCGGCGCACTACAGTATGACCACCAGACAGAGGAGCTCAACTTGTGGGT  
GAATGGCTGCAGGGCTGCCCTGCTGAGCTACTACAGCAGCTCATGAACCTCATGGGTGCTGTACACTA  
CTTGTGTTGGCTCTTTGAGGTGACCATCACGATTGGCTGCGCTACCTACACACAGCACTGGAAGGTGTG  
CCAACCTGAAGACCCTGAATGTGAAAGCGAGGGCTGGCTTCTGGAAAAGAGCGTGTGCGAGACTTGGAA  
GGCCCTTCTGGAGAGCTTGAAGAAAGTTGGGCAAGAGTAACCAGGTGGAAGCTGAGGGGTGCAGACCGAGGC  
CAGGCCCCAGAGGCTGGCTGATGGCCAGGGCCCCCTCCCCCTCTGAACACTGAGAAGTAGTGGACTCCA  
AGAAAGGTGGATACCCCTCATCTGAATCTGAAATCTCCCAAGGAGGGGAGCCATCTTACAAACTCTTCTT  
GATGGTGGGATTTAAAGTTTAGGATCCCTAAAAGCATTTGGCAACATTTGTTAAATGATTGACTTAAAA

ATGAATGAGCCTCTATTCAGGCCACCTCATGGTGGACTCAGGGGGCCTCTTAGTGGATCACTCTTAAAA  
GCACATGAATTCAGTTCCACCCGGGACTGGACTACACCTACTACTGGACACACCTGAGGGCAGTTCCTT  
TTTAAGAGTCTGCCATTACAAGCTCCAAGTTGCTTCATTCTATATTCAAAGCATCACTTGTTCATAAGC  
ACAGAAGTCTAAAAAATTTACTGGCCATGCTGTCTGTTTTTTTTTAAATGCCAATATTGACAGGTTCAGC  
CATTTTATTTGTATAATTGTGGAAGGTGGGGGATGTTATACCTTTCTAAGAGAATGCCTCTCCAAAGCA  
CTGGGGGCTCACAAGAGGAATTCTTCAACGATGGGGCAAACGAACCTAAAGACAGGATTATTTTCCTCAC  
CAAATACATAGTTAAAGGCTATTTCTGTGTCTACATTCTTATGCCCTCACTTAGCCTGGAGTGAGCTATGG  
GCTGAGGAAGTCAGGTTGTAGCATATTCTGGCAACATCCCACCCCTAACGTGCCACGCAACCTCCTTTG  
GCTTATCTGTGGAAGCACTGGGTAGATGGTTGCCTTTTACTGGAAGAGGAGCAACAATTAGACAAGAGT  
CCACTCTTTGGAGACCAGGCTCACCTCTTGGAGGGGCCAGGAACACCCATACAGGTGGCCATGACACCC  
CCATGGACAACATGAATTGTCTACAGTGGAGGCCAAACATCCTCTGGGAGCTTCTTCTCTTTCTTTCC  
CCAGCTACCCATCCTGCAAGGCAATATTTCTGGAATGCCTCCATATTTAAAGAAGATTCTTTGAGACAGT  
CCATCTTTCTGCGCTAGTGACAGTAAGAGAAGTTTTTAATTTCTCTCAGAAAAGCGAAAAAGGGAAGCT  
TTTACGGGAAGGAGAGGAGGACTTCATTGCTGTTCTAATGTGTTTCAGTGGGGAGAAAAGTTAAGACTTCC  
GGTGCTGCTGGGGCATGTTCTGGGGCTCTAGTTCTCCAGGCGTTAGGATCAGATCAAGATATTTGGAT  
ACTATCAAACGCTGGTCCCAGGTTTAATTAGACTTCTGAATCTTCTTGAGACCAAAGAGTGGTCCACATT  
GAACATGCTGAGGGAGTCAGCCACCTCTGAGGGTCTGTAACTCTCTCCCCTCAGGAGTACTGAGAACCA  
TCATGAAAGTCTGCTCTAGGCCACGTGTAACATCTGTTAACACCTGTATCATAGACAATAAAATTATA  
TTGTGTG

>GBCA0423 |Acc|U51644|Ver|U51644.1 GI:1263292|Canis familiaris thyrotropin beta chain mRNA, complete cds.

GCATGACTGCTATCTACCTGATGTCCATGCTTTTTGGCCTAGCATGTGGGCAAGCAATGTCTTTTTGTTT  
TCCTACTGAGTATACGATGCATGTGAAAGGAAAGAGTGTGCTTACTGCCTAACCATCAACACCACCATC  
TGTGCTGGATATTGTATGACACGGGATATCAATGGCAAACCTATTTCTTCCAAATATGCTCTGTCCCAGG  
ATGTTTGTACATATAGAGACTTTATGTACAAGACTGTAGAAATACCAGGATGCCCGCGCCATGTTACTCC  
CTATTTCTCCTACCCTGTAGCTGTAAGCTGTAAGTGTGGCAAGTGAATACTGACTATAGTGACTGTATA  
CATGAGGCCATCAAGACAAACTATTGTACCAACCTCAGAAGTCTATGTGGTGGGATTTTCTATCTAAC  
TTCAATAGTGATGTAATTTG

>GBCA0424 |Acc|L31625|Ver|L31625.1 GI:468903|Canis familiaris intercellular adhesion molecule-1 (ICAM-1) mRNA, complete cds.

GCCCCGCGCTGCCCCGGCTGCCGCGCTCCTGGCCCTCCTCGGGGCTCTGCTCCCAGGACTTGGAGGTG  
CCCAGACGTCCGTGGACCCAGCAGAACCCATCATACTCCGAGGAGGCTCTGTGCAGGTGAAGTGTAGTAC  
CTCATGCAACCAGACCTCCATCTTCGGCCTGGAGACTCTGTTGACTAAGACGGAAGTGACCTCTGGGGAC  
AACTGGGTGCTCTTTGAAGTGAAGTGTGCAAGATAGCAAGCTGATATGTTTCTCAAAGTGTCTATG  
ACGAGACCATGGCTCCGATCGACCTCACCGTATAGTCTGGTTCCCGAGCGAGTGGAGCTGGCACCCCTACC  
CCGCTGGCAGCCCGTGGGTGAGAACCTCACCATGACCTGCCAGGTGGCAGGCGGGGCGCCCGGACCAAC  
CTCACGGTGGTGTGCTCCGCGGGGAGGAGGAGCTGAGCCGGCAACCGGCCGTCGCGGGAGCCCGCGGAG  
TCACGTTACGGTGGCGGTGGGCAGAGAGGACCACCTCGCCAACCTTCTCGTGCCGCACGGACCTGGACCT  
GAGGCACCGAGGTTGGGATTGTTCCAGAACAGCTCGGCGCCAGGCAGCTCCAAACCTTTGTCTCTGCCA  
GAGACCCCCCAGCCTTGCTACCCCCCGATTGTGGAAGTGGGCACACAGTGGTCTGTGGACTGCACTA  
TGGATGGGGTGTTCAGCTTCGGAGGCCCAAGTCCACCTGGCGTTAGCAGAAGAGAGGCTGCACTCCAC  
AGTCTGTACAAAAAGGACTCCCTCTTGGCCACGGCAAATGTCAAAGCAAACCCAGAAGACGAGGGTACC  
CAGCAGCTATGGTGTGAGGTGACACTGGGAGACGAGAATCGGAGGTGGCAGGAGAATGTGACCTTCTATA  
GCTTCCCGGCACCCAACTGACCTGAGTGAGCCAGAGGTCTCAGAATGGACTACGGTGAAGTGTGGAGTG  
TGAGGCCCTGTGGAGTGTGGTGTGCTGAGCGGGCTCCCTTCGGGGCTTGCACTACCCAGGGCACAG  
TTCCAACTAAATGCCAGCGCTGCCGACAACAGGCGCAGCTTCTCTGCTGCTGCTGCCCTGGAGGTGGCTG  
GGCAGATGCTGCAAAAGAACAGACCCGGGAGCTCCACGTCCTGTATGTTGTTCCCGGACTAGACCAAGGGA  
TTGTCCGGGAACTGGAGCTGGGAGGAAGGCTTCCATCAGACCCTGAAGTGCCAAGCTTGGGGGAACCCG  
GTTCTGTAGCTGAAATGTACCGGAAGGGGATGATGCTTTGCTCCCATCGGGGACCTGAGACCTGTCA  
AGCGGGAGGTTGCTGCACTTACCTGTGTGAGGCCGGAGCCCCCGTGGTGAGATCACCCGAGAAGTGGT  
CATCAACGTGATCTACCAACAGAACCAATTTCTATCATCATCTGGTGACAACCATTTGTCATCTTAGGA  
ACTGTGAGTGTAGCCCTTACCTCTATAACCGCCAGCGGAAGATCCAGAAATACAAGCTTCAGAAGGCC  
AGGAGGCAGCTGCCATGAAGCTGAACACACCGGCCACCCCCCTGACCTGGGGCAGGACCCAGCCTCC  
TCTCTGCCCCGACTCGGTGGCAGCAGTGTACACTGGCAGCGGTGCCATAATGAATGGTGGTGCACAAG  
CCACTACCTTCCAGGATGCCCTGAGGACAGGCTAGAGGCTCAGGATACAGACAGCATTTGGGGCTCTG  
GCACCTGCACATTAAGGGTCTCTCAAGCCTCACACCTGACCTGAAGCCTCAGGACTGAGCCACAAGGAAGG  
GGGCAGGACTTGGGGCATGACTCTGATGGACGCTAAGCCTGACCTGTGTAGAGGGGGTGTAGCGGAACA

CTCAAGCATGGGATGCCCAACTGGGAAACCCCGAAACTTCACCCTTACTTGTCATGTGCTGAGGCCCTACA  
 GTCCTAAGATAGAAGTGGCTGCACACACAGAAATAGCACAGAAACATATATCCCTATACTTCCTCTGAT  
 CCATGCCCTGCTGTCCACTGACTGTCTCAACTTTTGATAATGACATATTTATTAATTTGTTCTTTTACC  
 AGCTATTTTATTGAGTGCCTTTTATGTGGGCTAGAACGGTAAAGGAAGAGGAAACGTAGGTTCTCTGCTC  
 AGGGAGCTCTCAGTCTAACCTAATTCAGGGTTGCCAGGTACAGTTGTACTAGTGTGCTGCTGACAGGAG  
 TGCCTGGCAAAAAGATCAAGTCAGAGCTGGAATTTCCATTCCATTGGCTAAGCTGCTTTCTCCAGAGG  
 AGGACTGGCAATGGTGATACAGTTTGTGGCGCATGCCAGGGACACCCACTGAGCCCCATACTCCT  
 CCCCCTCACTGACACTGACCTCTGTAGCCGTCTCTCTCCCCATACGCATCTCTGCTAGTGTCTACGATG  
 ACATCGCTGCATGCCTGAACACGAATGACCACTCACTGGCAGCTAAACTGTGGAGTCCCATGAACTGCC  
 CAACCCCTATGTGTCCCTGCCTGGTCTGTTCATCTCGGTGGCACCATAACAAGGACACAGCACTCTGG  
 CAGCCCAAAATTCCTGCAGAGACGAGGGCCCTGCAGGCAGTTGGCAGAAGAGGCCGCGAGGATTCCTGTC  
 CCAGCTCCGGAAGCTTCTCTCTGTAGTAATAAAGCTTGTCTGTGGGCGCTTGTCTTGTGTGAGTGGAGG  
 GGAGGTGTCATGTCCAGTTGGGAGTTCTTTCCAGCCACAACCTCCCACTTCTCCCCCAAGAAAGGCTG  
 CCGGTTCAAGGCCCCACCTGAGGCTCTAATCCAAATTTGGGGCTTGTAGGACCTTTTGAGACTCCAGC  
 GAAAATTAAAGATCCCTCTCTCCAG

>GBCA0425 |Acc|U49100|Ver|U49100.1 GI:1223907|Canis familiaris interleukin-12 p40 subunit mRNA, complete cds.

ATGCATCCTCAGCAGTTGGTCATCTCCTGGTTCCTCGTTTTGCTGGCGTCTTCCCTCATGACCATAT  
 GGGAACTGGAGAAAGATGTTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCCGAGAAATGGTGGT  
 CCTCACCTGCCATACCCCTGAAGAAGATGACATCACTTGGACCTCAGCGCAGAGCAGTGAAGTCTTAGGT  
 TCTGGTAAAACTCTGACCATCCAAGTCAAAGAATTTGGAGATGCTGGCCAGTATACCTGCCATAAAGGAG  
 CCAAGGTCTGAGCCGCTCACTCCTGTTGATTCACAAAAAAGAAGATGGAATTTGGTCCACTGATATCTT  
 AAAGGAACAGAAAGAATCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAATTTATCTGGACGTTTC  
 ACATGCTGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTCTCTG  
 ACCCCCAAGGGGTGACATGTGGAGCAGTGACACTTTCAGCAGAGAGGGTCAGAGTGGACAACAGGGGATTA  
 TAAGAAGTACACAGTGGAGTGTGAGGAAGGCAGTGCCTGCCCCCTGCGGAGGAGAGCCTACCCATCGAG  
 TCTGTTGGTGGATGCTATTCACAAGCTCAAGTATGAAAACTACACCAGCAGCTTCTTCATCAGAGACATCA  
 TCAAACAGACCCACCCACAACCTGCAGCTGAAGCCATTGAAAAATTCCTCGGCACGTGGAGGTGAGCTG  
 GGAATACCCCGACACCTGGAGCACCACATTCCTACTTCTCCCTGACATTTTGGTACAGGCCAGGGC  
 AAGAACAATAGAGAAAGAAAGATAGACTCTGCGTGGACAAGACCTCAGCCAAGGTCTGTGCCACAAGG  
 ATGCCAAGATCCGCGTGCAGGCCGAGACCGCTACTATAGTTTCATCCTGGAGCGACTGGGCATCTGTGTC  
 CTGCACTTAGGTTCCACCCCAAGGATGAATCTTGG

>GBCA0426 |Acc|U49085|Ver|U49085.1 GI:1223905|Canis familiaris interleukin-12 p35 subunit mRNA, complete cds.

ATGTGCCCGCGCGCGGCTCCTCCTTGTGACCATCCTGGTCTGCTAAGCCACCTGGACCACCTTACTT  
 GGGCCAGGAGCCTCCCCACAGCCTCACCGAGCCAGGAATATTCAGTGCCTCAACCACTCCCAAAACCT  
 GCTGAGAGCCGTGAGCAACACGCTTCAGAAGGCCAGACAACTCTAGATTATATTCCCTGCACTTCCGAA  
 GAGATTGATCATGAAGATATCACAAAGGATAAAACCAGCACAGTGGAGGCCTGCTTACCACTGGAATTA  
 CCATGAATGAGAGTTGCCTGGCTTCCAGAGAGATCTCTTTGATAACTAACGGGAGTTGCCTGGCCTCTGG  
 AAAGGCCTCTTTTATGACGGTCTGTGCCTTAGCAGCATCTATGAGGACTTGAAGATGTACCAGATGGAA  
 TTCAAGGCCATGAACGCAAGCTTTTAAATGGATCCCAAGAGGCAGATCTTTCTGGATCAAACATGTTGA  
 CAGCTATCGATGAGCTGTTACAGGCCCTGAATTTCAACAGTGTGACTGTGCCACAGAAATCCTCCCTTGA  
 AGAGCCGGATTTTATATAAACTAAATCAAGCTCTGCATACCTTCTCATGCTTTTCAAGATTCGTGCGGTG  
 ACCATCGATAGAATGATGAGTTATCTGAATTCCTCTAA

>GBCA0427 |Acc|U42407|Ver|U42407.1 GI:1208550|Canis familiaris MHC class II DLA DQalpha chain mRNA, complete cds.

GAGAGGATGATCCTTAACAGAGTTCTGATTCTGGGGACCCTCATCCTGACTATTATGATGAGCCCTCT  
 GGAGGTGAAGAGATTGTGGCTGACCATGTTGCCAACTACGGCATAAATGTCTACCACTTACGGTCCCT  
 CTGGCCAGTACACCCATGAATTTGATGGCGATGAGGAGTTCTACGTGGACCTGGAGAAGAAGGAACTGT  
 CTGGCGGCTGCCTGTGTTTAGCACATTTAGAAGTTTGGCCACAGGGTGCAGTGAAGAACTTGGCTATA  
 ATAAAACAAAACCTTGAACATCATGACTAAAAGGTCCAACCAACTGCTGCTACCAATGAGGTTCTCTGAGG  
 TGACTGTGTTTTTCAAGTCTCCTGTGATGCTGGGTGAGCCCAACACCCCTCATCTGTCTCGTGGACAACAT  
 CTTTCTCTCTGTGATCAATGTACATGGTTGAAGAATAGGCACCTCAGTCACAGAAGGGTTTCTGAAACC  
 AGCTTCTTCCGCAAGGGGATCATTCCTTCTCAAAGATCAGTTACCTCACCTTCTACCTTCTGCTGAGG  
 ATATTATGACTGCAGAGTAGAGCACTGGGGCCTGGATGAGCCACTTCTGAAACACTGGGAACCTGAGGT  
 TCCAACCCCTATGTCAGAGCTGACAGAGACTGTGGTCTGTGCCCTGGGGTTGGCTGTGGGCTTGTGGGC  
 ATCGTGTAGGGCACCGTCTTCATTATCCAAGGCCTGCGCTCAGGTGGTACTTCCAGACATCAAGGACCTT

TGTGAGCTGCACCTAGAAAGGAGGTGCACTGCATGCCACCTCCCAGAGCAGAAGAGTGGACCTGATAGG  
 CCACCTAGCACTATTTCTTGGCCAGTTCATCATACTCTACTCTCTACCAATGCTTCTCTGTACCTCT  
 TCTCTGGGACTCAAGAACTATATCTCTGAGTGCTAACCTTTAAATCTACCCCTTCTTGACTGCCTG  
 TTTTGTGTTTGTGTTTCTTTTCTTTTCTCAATTGTCAACTACAATGAGATCTCTGGGATATCCCAACC  
 AGTTACCTGATCCCTCATTACTCTGATCTAGCATTCCCATGGAAATAATTATTTTCTCTTTAAGAGATCC  
 TTTAGATCAATTTTCTGTCTTTTCTCATCTCAGGGCTGATTAGGACTTTGGTCCCCCTTTTATTATACCT  
 TCCTAATCTCACTTTCCATATTATGTTTCATGCCAGCAACACCAGAAAATGCAGGTATAGGCTGATAAT  
 ATTTTGATATCTTAGGTAAAGATAATGGTTCTCTCTTCTGTTATTCTCATGTTTGGGTACTGCCACACT  
 CCCCCAATTCAGACACCAAGAAAAGTAATATAAGCCCTCTGACCTTGGTGAAATTTGGTATAGAAGAAA  
 TACAAAGCCAAGAAATAAGTTCATACTTCTTTTAAACATAATTTTAGAAAGCTATGACAGAGAAATAAGTT  
 AAGATAAAGAAATTTGAATTTCAAAGTACCAAAAGACAAACTGTTTTCCAAAACCTTTAAATTTCAATT  
 TGTGAAGAATGAATGATGATAGGAGAAGCTTCTCTCCCATCCTCACCCTGAAAAGATAAGAATTTCTT  
 TAGGCAGGAAAATAAATGGAAGTCGGGTAAGAGAGCATTAGAATAAGACCATAAAGTAAGTAACCTGAGGA  
 CAGGTACT

>GBCA0428 |Acc|U19872|Ver|U19872.1 GI:642069|Canis familiaris dihydrolipoamide: NAD+  
 oxidoreductase mRNA, complete cds.

GCTCCCAGCGGAGGTGAGGCGGCGGCGGAGGGGAAGCGGGGCGGCGAGATGCAGAGCTGGAGTCGCGTG  
 TACTGCTCCCTGGCCAAGAGAGGCCATTTTCACTCGAATATCTCATGGCTTACAGGCAGTTTCTGCAGTGC  
 CTCTGAGAACTTACGCAGATCAACCAATCGATGCTGATGTAACGGTGATAGGTTCTGGTCTGGAGGATA  
 TGTGCGTGTCTATTAAAGCTGCCAGTTGGGCTTCAAGACAGTCTGCGTTGAGAAAAATGAAACATTGGGT  
 GGAACATGCTTGAATGTTGGTTGTATTCTTCAAAGGCTTTATTAAATAACTCTCATTATTACCATATGG  
 CCCATGGGAAAGATTTTGCATCTAGGGGAATTGAAATGTCTGAAGTTCGCTTGAATTTGGAGAAGATGAT  
 GGAGCAGAAGAGTACAGCAGTAAAAGCTTTAACTGGTGAATTGCCACTTATTCAAACAGAATAAGGTT  
 GTTCACGTAAATGGATATGGAAAGATAAAGTGGCAAAAATCAGGTCACTGCAAGAAAGCTGATGGCAGCA  
 CTCAAGTTATTGATACAAAGAACATTCTTATAGCTACAGGTTTCAAGATTACTCTTTTCTGGAATTAC  
 GATTGATGAAGATACAATAGTGTCTATACAGGTGCTTTATCTTTAAAAAAGTTCCAGAAAAGATGGTT  
 GTCATTGGTGCAGGAGTAATAGGTGTAGAATTGGGTTTCAAGTTTGGCAGAGACTTGGTGCAGATGTGACAG  
 CAGTTGAGTTTATTAGGTCTGTTGGTGGAGTGGAAATTGATATGGAGATATCTAAAAACTTTCAACGCAT  
 CCTCCAAAACAAGGATTTAAATTTAAATTGAATACAAAAGTTACTGGTGTCTACCAAGAAGTCAGATGGA  
 AAAATTGATGTTTCTATTGAAGGTGCTTCTGGTGGCAAGCCGAGGTTATCAGATGTGACGTACTCTTGG  
 TTTGCAATTGGCCGACGACCTTTTACTCAGAACTTGGGACTAGAAGAGCTTGGAAATTGAAGTATAGATCCTAG  
 AGGTAGAATTCCAGTCAATACCAGATTCCAAACTAAAATTCCAAATATCTATGCTATTGGTGTATGGTT  
 GCTGGTCCAATGCTGGCTCACAAAGCAGAGGATGAAGGCATTATCTGTGTTGAAGGAATGGCTGGCGGTG  
 CTGTGCCAATTGACTACAACGTGTGTACCATCAGTGATTTACACCCACCTGAAGTTGCTTGGGTTGGCAA  
 ATCAGAAGAGCAGTTGAAAGAAGAGGGCATTGAGTACAAGGTTGGGAAATTCCCTTTGCTGCTAATCCTAG  
 AGAGCTAAGACAAATGCGGACACAGATGGCATGGTGAAGATTCTGGGGCAGAAATCAACGGATAGGGTGT  
 TGGGAGCACACATTCTGGGACCAGGAGCTGGTGAATGGTGAATGAAGCTGCTCTTGCACTGGAGTATGG  
 AGCATCCTGTGAAGATATAGCCAGAGTCTGCCATGCGCATCCGACCTTATCAGAAGCTTTTAGAGAAGCA  
 AACCTGGCTGCATCATTGCGCAAATCAATCAACTTTTAAATTAGAAGATTATATTTTCTGCAAATTTCC  
 TGGGAGCTTTGTGGAGGTACATTCTGTACAGGAAATGCTCACGTTCTCCAAGAATTTTATAGGACTGAAT  
 TATGAACTTTTGAAGGCTTTTACTAGGTTTGGACAGAATGGAATAATCTCATCTATTTTAAATAAATTT  
 AATATTTTGTTCAGTGCATTAATATTGCAAGAAAAAGCTACTTATCGTAGTATCCTGGAAAAATTTCTT  
 CAACCTTATTTTCTGATTTTCTGAAAGATTCAATTTCACTGAATTTATGTTACCGTAGCTTTTATCC  
 CTGCTATTGTAAAGTTGGATTACTTATGTGATGGAGCTGGTGTAGAGTATGTGAACCAGCTGTGTTTGA  
 AGCCAGGTGACCAAGTTATTTTAAACTTGGTTTTCATATTGGAAATAGTTAATCATTAGAGTAAGATTAA  
 AATATGTATAAACCAAAATGATGTAAATAAATGATGGTCTCTCACATCTTTATTTAATCTCCAAATTTCTT  
 GCAGTTTAGAGGTAGAATTTATGTTTAAATTTTAAAGACCAATTGAGGTCTAGTCTGTAGGCAGTTAAC  
 CAAATTAAGGAGGTGATCTGTGAAATTCATATTAATGAAGACACAAATGATTACACGGGGAATG  
 AAAATACAGAAATAAACAGTCTTAAATATCAAAAAAAAAAAAAAAAAA

>GBCA0429 |Acc|U19368|Ver|U19368.1 GI:624684|Canis familiaris heat-shock protein (HSP27)  
 mRNA, complete cds.

GCGGCCGCGTCCGACCGGAGCCGAGCCAGCATGACCGAGCGCGGAGTGCCCTTCTCGCTCCTGCGGAGC  
 CCCAGCTGGGACCTTTCCGCGACTGGTACCCGCGCCACAGCCGCTTCTCGACCAGGCCTTCCGGCTGC  
 CCCGGCTGCCGAGGAGTGGGCGCAGTGGTTCCGCCACAGCGGCTGGCCGGGCTACGTGCGCCCGATCCC  
 CCCCAGGTCGAGGGCCCCGCGCGGCGCGCGCGCCGCTACAGCCGCGCGCTACAGCCGCGCGCTACGCCG  
 CAGCTACAGCGCGGCTGTCGGAGATCCGGCAGACGCGCGGACCGCTGGCGCGTGTCCCTGGACGTCAACC  
 ACTTCGCCCCCGAGGAGCTGACGGTCAAGACGAAGGACGGCGTGGTGGAGATAACTGGCAAGCACAAGA

GAGGCAGGATGAGCATGGCTACATCTCCCGCCGCTCACTCCCAAATACACCTGCCCCCTGGTGTGGAT  
CCTACCTGGTCTCTCTCCCTGTCCCCTGAGGGCACTCTCACGGTGGAGGCTCCCATGCCCCAAGCCAG  
CCACCCAGTCGGCAGAAATCACTATTCCCGTCACCTTCGAGGCACGTGCCAGATTGGGGGCCAGAAC  
TGGAAAGTCGGAGCAGTCTGGAGCCAAGTAAAGGCCCTTAGCCCTGCTTAGCCACATCCTCACCTCAGTA  
GCCATCACTGACCGTCCCTGCACACTAAAGTTCAAAGCAACGTGCCGTGACGCG  
>GBCA0430 |Acc|U47060|Ver|U47060.1 GI:1184115|Canis familiaris caveolin-1 mRNA, complete  
cds.  
ATGTCTGGGGGCAAATACGTAGACTCCGAGGGGCACCTCTACACCGTTCCCATCCGGGAGCAGGGCAACA  
TCTACAAGCCCCAACAAAGGCCATGGCGGAGGAGATGAGCGAGAAGCAGGTGTACGACGCGCACACCAA  
GGAAATCGACCTGGTCAACCGCGACCCCCAAGCATCTCAACGACGACGTGGTCAAGATTGATTTGAAGAT  
GTGATTGCAGAACCAGAAGGAACACACAGTTTTGATGGCATCTGGAAGGCCAGCTTCACCACCTTCACTG  
TGACAAAATACTGGTTTTACCGCTTGCTGTCTGCCCTCTTTGGCATCCCAATGGCACTCATATGGGGCAT  
TTACTTTGCCATTCTTTCTTCTGTCACATCTGGGAGTGTGTGCCGTGCATTAAGAGTTTCTCTGATTGAG  
ATTCACTGCATCAGCCGTGTCTATTCCATCTACGTCCACACCTTCTGTGACCCGTTCTTTGAGGCTGTTG  
GCAAAATATTTCAGCAATATCCGCATCAACATGCAGAAAGAAACATAA  
>GBCA0431 |Acc|U29653|Ver|U29653.1 GI:1144185|Canis familiaris monocyte chemoattractant  
protein-1 mRNA, complete cds.  
CATGAAGGTCTCCGCAGCGCTCCTCTGCCTGCTGCTCATAGCCGCCGCCCTCACCACCCAGGTGCTCACC  
CAGCCAGATGCAATTATTTCTCCAGTCACCTGCTGTCTATACACTCACCATAAGAAGATCTCAATTCAGA  
GGCTGGCCAGCTATAAAGAGTCAACAGCAGCAAGTGTCCCAAAGAAGCTGTGATCTTCAAGACCGTCTCT  
AAACAAGGAGATCTGTGCTGACCCCAACAGAAAGTGGGTCCAGGATTCATGGGCACACCTAGACAAGAAA  
AGCCAAACCCAACTGCAAGCCATGAATACTCACTCTGAAATGGAAGAATCTGAACTAATTTATTTTCT  
TTCTAACCTTCCCTTAAATGCCCTCTGATATTATTTTATTATAATTTCAAAGAGTACAACTTTGTTTATT  
GATATGCACACAATGCCTTAAGTAATGTTAATCTTATTTAAATTATTGATGTTTTAAATTTATTTTCCCC  
AAATACTAGTGTATTTTTTAAATATGGAGACTTGAAATAAACTGCTTTCCTCTGGGGGCCCCAGTTCTA  
CCCCGGGATGGTGTGAGGGTCCCTGCAAGGATCATTAAATGCAAGACTATGTTTTAAATTTCTAAAGCATA  
>GBCA0432 |Acc|U32086|Ver|U32086.1 GI:1143163|Canis familiaris vascular cell adhesion  
molecule-1 mRNA, complete cds.  
TTCGGCAGCAGGGCGAAAGCTGTTCAGGGGCACTTTCAGGTGGGACAAGGGTTTTGGGGACCACTAAGTTC  
TCATCACGGCAGCAACTAAAAATGCCTAGGAAGATGGTTCGTGATCTTTGGAGCCTCAAATATACCTTTGGA  
TGGTGTTTGTCTTTTCTCAAGCTTCGAAAATGGAGATCTTCTTGAACCCAGAGTCGCTGCTCAGATTGG  
TGATGTCAATTTCTCTGACTTGCAGTACGACGGGCTGTGAGACCCCATCTTCTCTTGGAGAACCCAGATA  
GACAGTCCACTGAATGGGAAAGTGAAGAATGAGGGGAACAATTCACGTTGACCATGGACCTGTTAGCT  
TCAACAATGAACATGCTTACTTGTGTACAGCGACTTGTGGATCGAAGAACTGGAAAAAGGCATTCAAGT  
GGAGATTTTATTCTTCCCTTAAGGACCCAGAGATCCAACTGAGTGGCCCCCTAGAAGTTGGGAAGCCAGTC  
ACAGTCACTGTTTGGTCCGTGATGTTTACCCATTTGACAGGCTGGAGATGAATTTGCTGAATGGCAATG  
ATCTCTACAGAGTAAGGACTTTCTAGAGCCTATGGAGAAGAAGTCCCTGGAGACCAAGAGTTTGGAGGT  
AACCTTCACTCCTACCAATGAGGATATTGGGAAGGTCTTGTGTTGCCGAGCACAATTACACATGGATGAA  
ATTGACTTTGAGCCCAAAGAAAGGGAGACTACCAAGAGCTACAAGTCTACATCTCACCAGGAACACAT  
TTATCTCTGTGACTCCCTCTATGAGGCTGCAAGAAGGCGGTTCTGTGACAATGACATGTGCCAGTGAAGG  
CCTACCACCTCCACAGATTTTCTGGAGCAAAAAATTAGATAATGGGAATCTACAGCTCCTCTCTGGGAAT  
GCAACTCTCACTTTAATTGCTATGAGGCTGGAAGATTCTGGAACATATGTCTGTGAAGGTGTCAATGAAG  
TCGGGAAGGATGGAAAAGAGGTGGAATTAATCGTTCAAGAGAAACCATTCACTGTTGAGATCTCCCCAGG  
ACCCAGATTATCGCTCAGATCGGTGATTCACTTGTGTTAACATGTGGTGTACAGACTGCGAGTCCCCA  
TCTTTCTCTTGGAGAACCCAGATAGATAGTCTCTGAGTGGGACGGTGAAGGTTGAAGGGGCCAAGTCTA  
CGCTGACCCCTAAGCCCTGTGAATTTGGAGAATGAACATTTCTATCTGTGCACCGTGACCTGTGGACATAA  
GAATTTGAAAAGGGAATTAAGGTGGACCTTACTTCACTTCCCTAGAGATCCAGAGGTTGAGATGAGTGGT  
CTACTAGTGGATGGAACCCAGTCACTGTGAGCTGCGAGGTTCTTAATGTGTATCCTTCTGACCGACTGG  
AGATTGAATTAATTAAGGGGAGACTATCATAGAAAGTAAAGCTTTCTGGAGGACATGGACAAGAAATC  
TCTAGAAACTAAGAGTTTGGAAATGACCTTCATCCCCACCAAGAGATACTGGAAAAGTTCTTGTGTTGT  
CTGGCTAAGTATTAAGTGAATTTGAAATGGAATTTGAACCCAAACAAAGGCAGGTACACAGACATTTATG  
TTAATGTTGCCCCAGGGATACAACCGTCTGTGGTCAAGCCCTCCTCCATCGTGGAGGAAGGTAGTCTGT  
GAACATGACCTGCTCTAGCGATGGCCTTCCAGCTCCGAACATCCTGTGGAGCAGGCGGCTAAGTAATGGG  
CGCCGTGCACTCTTTCTGAGGATCCAATTTCTACCTTAACCTTCTGCAAAATGGAAGATTCTGGTATTT  
ATGTGTGTGAAGGATTAACAGGCTGGAATAAGCAGAAAGAGTAGAATTAATTATCCAAGTTGCTCC  
GAAAGACATACAGCTTATAGCTTTTCTTCTGAGAGTGTCAAGGAAGGAGACACTGTCATTATCTCCTGT  
ACATGTGGAATGTTCCAAAACCTTGATAATCCTGAAGAAAAAGCAGAGACGGGAGACACAGTGCTAA

AGTCCAGAGATGGTGCATATACCATCCACAAGGTCCAGTTAGAGGATGCGGGAGTGACGAATGTGAATC  
 TAAAAATGAGGCTGGCTTGCAATTAAGAAGTTTAAACCCTCGATGTTAAAGGAAGAGAAAATAACAAGGAC  
 TATTTTCTCCAGAACTACTCGTGCTTTATTGTGCATCTTCCTTGATAATACCAGCCATTGGGATGATCA  
 TTTACTTTGCCAGAAGAGCCAACATGAAGGGGTATACAGTCTTGTAGAAGCACAGAAATCAAAAGTGTA  
 GCTAATGTTTGCATGGTCAACTAGAGACACTATTATCAGTCCAAATCTTAATACTGCTCATCATTC  
 ATGAGGGAAACAACTAAGAGTCCAGACTTCCCTGAATGTAGTGAATCTTGAAAGAAATGGCTTCTTG  
 TGCCCCATGCTGTGAGGATCAAGAGGTAAAAGAAAACCTTCTGCCTGAAAAATAGGCACTGCCACTGAA  
 ATGTATTGACTGGAGTAGCTCCTTGATGTGTATATACAATAACATGATCTGTACATATGTAAATAAATT  
 TATGCCATAGGAGGA

>GBCA0433 |Acc|U41002|Ver|U41002.1 GI:1127825|Canis familiaris calcium activated  
 potassium channel beta subunit protein mRNA, complete cds.

ATGGGAAGAAGCTGGTGATGGCCCAAAGCGGGGAGAGACTCGAGCCCTTTCCTGGGTGTGGCCATGG  
 TGATGTGTGCTGTCATTGCCTACTATATCCTGGGCACGACCATGCTGCCCTCTACCAGAAAAGTGTGTG  
 GACGCAGAAATCCAGTGCCTCTGATTGAGACCAACATCAGGGAGCAGGAGGAGCTGGAGGGCAAGAG  
 GTGCCCCAGTACCCGTGCCTGTGGGTCAACGTGTGAGTGTGGGCGGGTGGGTGTGCTGTACCACACAG  
 AGGACACTCGGGACCAGAACCACAGTGTCTCTATATCCAGGCAGCCTGGAGAACTACCAAGTTGCCCG  
 GGCCGATGTGGAGAAGGTCAAAGCCAAATTCACAGAGCAACAGATTTTCTACTGCTTCTCAACAACCCGG  
 GAGAACGAGACCACTGTCTGTATCGGCGCCTCTATGGGGCCAGACCCTCTCTCTCTCTCTCTGGC  
 CCACCTTCTGTGTGACCGGAGGTCTCCTCATCATCGCCATGGTCAAGATAAACACAGTCCCTTTCCATCCT  
 GGCAGCTCAGAGGTAGATCCACACACTCCCATCA

>GBCA0434 |Acc|U41001|Ver|U41001.1 GI:1127823|Canis familiaris calcium activated.  
 potassium channel protein mRNA, complete cds.

GAGCCCAACATGGATGCGCTCATATCCCGGTGACCATGGAGGTCCGTGCGACAGCCGGGGCCAGCGCA  
 TGTGGTGGGCTTTCCTGGCTCCTCCATGGTGACTTTCTTCGGGGGCTCTTCATCATCTTGCTCTGGCG  
 GACGCTCAAGTACCTGTGGACCGTGTGCTGCCACTGCGGGGACAAGACCAAGGAGGCCAGAGATTAAC  
 AATGGCTCAAGCCAGGCGGATGGCACTCTCAAGCCAGTGGACGAGAAAGAGGAGGCGGTGGCAGCCGAGG  
 TCGGCTGGATGACCTCTGTGAAGGACTGGGCGGGGTGATGATTTCTGCCAGACGCTGACCGGCAGAGT  
 CCTGGTTGTCTTAGTCTTTGCTCTCAGCATTGGTGCCCTTGTAAATATACTTCATAGATTCGTCAAACCCA  
 ATAGAATCCTGCCAGAATTTCTACAAAGATTTTACATTACAGATCGACATGGCTTTCAACGTGTTCTTCC  
 TTCTCTACTTTGGCTGCGGTTTATTGCAGCCAAACGATAATCTGTGGTTCTGGCTGGAAGTGAACCTCGT  
 GGTGGATTTCTTACGGTGCCCTCCCGTGTGTTGTCTGTGTACTTAAACAGAAGTTGGCTTGGTTTGAGA  
 TTTTAAAGAGCTCTCAGACTGATACAGTTTTCAGAAATTTTGCAGTTTCTGAATATCCTTAAACAAGTA  
 ATTCCATCAAGCTGTTGAATCTGCTCTCCATATTTATCAGCAGTGGCTAACAGCAGCCGGGTTTATCCA  
 TTTGGTGGAGAATTCAGGGGACCCGTGGGAAAATTTCCAAAACAGCCAGGCGCTACCTACTGGGAATGT  
 GTCTCTACTACTGCTCAGCTCACCATGTCCACCGTTGGCTATGGGGACGTTTATGCAAAAACACGCTGGGG  
 GCCTCTTCATAGTCTTCTTCATCCTCGGGGACTGGCCATGTTTGCCAGCTACGTCCCTGAAATCATAGA  
 GATAATAGGAAACCGCAAGAAATACGGGGGCTCCTATAGTGCCTTAGTGGAAGAAAGCACATTGTGGTC  
 TGCGGACACATCACTCTGGAGAGTGTTCCTCACTTCTGAAGGACTTCTGCACAAGGACCGGGATGATG  
 TCAATGTGGAGATCGTCTTTCTTACAAACATTTCCCTAACCTGGAGCTTGAGGCTCTATTCAAACGACA  
 TTTTACTCAGGTGGAATTTTATCAGGGTTCAGTCTCAACCCACATGATCTTGCCAGAGTCAAGATAGAG  
 TCAGCAGATGCGTGCCTAATCCTTGCCAAACAGTACTGCGATGACCTGATGCTGAAGACGCTCCAACA  
 TAATGAGAGTAATCTCCATAAAGAACTACCATCCGAAGATAAGAATCATCACTCAGATGCTGCAGTATCA  
 CAACAAGGCCCATCTGCTAAACATCCCAAGCTGGAATTGAAAGAGGGGGATGATGCAATCTGCCTTGCG  
 GAGCTCAGGCTGGGGTTCATAGCTCAGAGTTGCCTGGCTCAAGGCTCTCCACCATGCTCGCCAACCTCT  
 TCTCCATAGGGTCAATTCATAAAGATTGAGGAAGACAGTGGCATAAATACTACTTGGAGGAGTCTCAA  
 TGAATGTATACAGAATATCTCTCAGTGCTTTCGTGGGTCTGTCTTCCCTACTGTTTGTGAGCTATGT  
 TTCTGTGAAGCTCAAGCTCCTAATGATAGCATTGAGTACAAGTCCGCCAACCGAGAGAGCGGTATATTAA  
 TTAATCCTGGAAACCATCTTAAGATCCAAGAAGGTACTTCAGGATTTTTCATCGCAAGTGATGCCAAAGA  
 AGTTAAAAGGGCATTTTTTACTGCAAGGCTGTGATGATGACATCACAGATCCCAAAAGAAATAAAAAA  
 TGCGGCTGCAAAACGGCTTGAAGATGAGCAGCCATCGACGCTGTCCCAAAAAAAGCAGCGGAACGGAG  
 GCATGCGGAACCTCAAGCTCCTCGCCCAAGCTGAGGAGCATGACCCCTTGTAAATTCCTGGCAATGA  
 TCAGATTGACAACATGGACTCCAACGTGAAGAAGTACGACTCCACTGGAATGTTTCACTGGTGTGACCC  
 AAGGAGATAGAGAAAGTCACTCGACTCGCAGTGAAGCCGCCATGACCGTCTGAGCGGCCAGTGGTGG  
 TCTGCATCTTTGGGCACGTCACTCAGCCCTGATTGGCCTCCGGAACCTGGTAATGCCGCTCCGTGCCAG  
 CAACCTTACCAACAGAGCTCAAGCACATCGTGTGTTGTTGGGCTCCATTGAGTACCTCAAGCGGGAATGG  
 GAGACGCTTCACAACCTCCCAAGGTGTCCATATTGCCTGGTACGCCATTAACCTCGGGCTGATTTAAGGG  
 CCGTCAACATCAACCTCTGTGACATGTGCTTATCCTGTGAGCCAATCAGAATAATATTGATGATACTTC



GCTGCAGGACAAGGAATGCATCTTGGCGTCACTCAACATCAAATCTATGCAGTTTGATGACAGCATCGGA  
 GTCTTGCAGGCTAATTTCCCAAGGGTTTACACCTCCAGGAATGGACAAGTCTCTCCAGATAACAGCCAG  
 TGCACGGGATGTTACGCCAGCCATCCATCACAACTGGAGTCAACATCCCCATCATTACTGAAGTGTGAA  
 TGATACTAATGTTTCAGTTTTTGGACCAAGACGATGATGACGACCCCGACACAGAAGTGTACCTCAGCGAG  
 CCATTTGCATGTGGGACAGCATTTGCCGTCAGTGTCTGGACTCGCTTATGAGTGCACATACTTCAATG  
 ACAATATCCTTACCCTCATCCGGACCCCTGGTGACCGGAGGAGCCACACCAGAGCTGGAGGCTCTGATTGC  
 TGAGGAGAATGCACCTTCGAGGGGGCTACAGCACCCCCAGACGCTGGCCAATAGGGACCGCTGCCGTGTG  
 GCCAGTTAGCGCTACTGGATGGGCCCCCTTTCGCGGACTTGGGGGATGGTGGTTGTTATGGTGATCTGTTCT  
 GCAAAGCTCTGAAAACATATAATATGCTTTGTTTTGGAATTTACCGGCTGAGAGATGCTCACCTCAGCAC  
 CCCAGCCAATGCACGAAGAGGTATGTCATACCAATCCCCCTTACAGGTTTGGAGCTCGTGCCGACAGAC  
 CTGATCTTCTGTTGATGCAGTTTGACCACACGCGCGCCAGTCCCGGGCCAGCCTCTCCCATTCCTCCC  
 ACTCGTCCCAGTCTCCAGCAAGAAGAGCTCCTCCGTGCACTCCATCCCGTCCACGGCAAACCGACAGAA  
 CCGACCCAAGTCCCGGGAGTCCCGAGACAAACAGACAGAAAAGAAATGGTTTACAGATGAACCGGATAAT  
 GCCTATCCAGAAACATTCAAATCGAGCCCATGAGTACCCACATGGCTAACAGATCAACCAATATAAAT  
 CCACAAGCAGCTTGATTCCACCAATCAGAGAAGTTGAAGATGAATGTTGA  
 >GBCA0435 |Acc|U12234|Ver|U12234.1 GI:533776|Canis familiaris interleukin-6 (IL-6) mRNA,  
 complete cds.  
 GCCCTCGAGCCCACCAGGAACGAAAGAGAGCTCCATCTGCCCTCCAGGACCCAGCTATGAACTCCCTCT  
 CCACAAGCGCCTTCTCCCTGGGGCTGCTCCTGGTGATGGCTACTGCTTTCCCTACCCCGGACCCCTGGC  
 AGGAGATTCCAAGGATGATGCCACTTCAAATAGTCTACCACTCACCTCTGCAAACAAAGTGAAGAAGTGA  
 ATTAAGTACATCCTCGGCAAAATCTCTGCACTGAGAAAGGAGATGTGTGACAAGTTTAAACAAGTGTGAAG  
 ACAGCAAAGAGGCACTGGCAGAAAATAACCTACATCTTCCCAAAGTGGAGGGAAAAGATGGATGCTTCCA  
 ATCTGGGTTTCAATCAGGAGACCTGCTTGACAAGAATCACTACCGGTCTGTGGAGTTTCAGTACACCTG  
 AATATCCTCCAGAACAACTATGAGGGTGATAAGGAAAATGTCAAGTCTGTGCACATGAGTACCAAGATCC  
 TGGTCCAGATGCTAAAGAGCAAGGTAAAGAAATCAGGATGAAGTGACCACTCCTGACCCACACAGACGC  
 CAGCCTGCGAGGCTATCTGCACTGCGAGGATGAGTGCGTGAAGCACACAACAAATTCACCTCATCTGCGG  
 AGTCTGGAGGATTTCTGCACTTCAGTCTGAGGGCTGTTCCGATAATGTAGCCTGGGCATCTAAGATTGC  
 TGATGTTTCATGGGCATTCCTTTCTCCAGTCAGAAACCTGTGCAGTGGGCACAAAACCTTATGTTGTTCTCT  
 GTGAGGAACATAAAGTATGAGCGTTAGGACACTATTTTAAATTATTTTAAATTTATTGATATTTAAATATG  
 TGATATGGAGTTAATTTATATAAGTAATAGATATTTATATTTTATGAAGTGCCACTTGAAATATTTTAA  
 TGTATTCAATTTTGAAGAGTTAACGTAAGTAAATGCTATGCGGCTTGAATATCCTCGATGTTTCGGAGCCAGG  
 TCATTTCTTGAAGTGTGATGTTTACCTCAAATACATGGCTAACTTATGCATATTTTAAAAAGAAATATT  
 TATACTGTGTTTATATAATGTTTAAATGTTTATATACCAATAAACACCTTTTT  
 >GBCA0436 |Acc|U15662|Ver|U15662.1 GI:558915|Canis familiaris parathyroid hormone  
 precursor mRNA, complete cds.  
 CGGCACGAGCACAAAGTTTACTCAACTTCGAAAAAGCATCAGCTGCCGATACACCTGAAAGATCTTGTAC  
 AAGACATTGTGTGTGAAGATGATGCTGCAAAAAGACATGGTTAAAGTAATGATTGTCATGTTTGCAATTT  
 GTTTTCTTGCAAAGTCAGATGGGAAACCTGTTAAGAAGAGATCTGTGAGTGAAATACAGTTTATGCATAA  
 CCTGGGCAACATCTGAGCTCCATGGAGAGGGTGGAATGGCTACGGAAGAAGCTCCAGGATGTACACAAC  
 TTTGTTGCCCTTGGAGCTCCAATAGCTCACAGAGATGGTAGTTCACAGAGGCCCCCTAAAAAGGAAGACA  
 ATGTCCTAGTTGAGAGCTATCAAAAAAGTCTTGGAGAAGCCGACAAAGCTGATGTGGATGTATTAACATAA  
 AGCTAAATCCCAGTGACGATACATCAGGGCACTGCTGTAGACAGCATAGGGCAACAACATTACAAGCTGC  
 TAACATTTTCAAGCTTTAAGATTAAATAATGCCAAAATTTACATGTAATCCATTGTTAGCCATGATAGC  
 TGAAATTTTAAATTGATTGTTTGTATTCTAGTTTAAATTCATTTAAGAGCTCTTTTAAATGTTCTATTCTA  
 TTGTTTATTCTTTTAAAGTATGTTTTGCATAATTTATAAAAGAATAAAATTGCACTTTTT  
 >GBCA0437 |Acc|U15593|Ver|U15593.1 GI:558476|Canis familiaris parathyroid hormone-related  
 protein mRNA, complete cds.  
 CGGCACGAGGAAGTTTTCATTCATTTAAGACTTCATTTTACTCTTTTGAAGCAAAAAAAAAAATTA  
 TTTCTGGAAGAGACTGCTGAGAAGATCCCTTCGTTTGGCCAGAGAGAAGAGAGGACTGTAAATCAAGG  
 AAAAGGTCCCGCAGCGACAGGGGACGATGCTGCGGAGGCTGGTTTCAGCAGTGGGGCGTCGCGGTGTTCC  
 TGCTGAGCTACTCGGTGCCCCCTCTGCGGGCGCTCGGTGGAGGAGCTCGGCCCGGCTCAAAGAGCTGT  
 GTCTGAACATCAGCTCCTTCATGACAAGGGGAAATCTATCCAAGACTTACGGCGACGATTCTTCCTTCAT  
 CACCTGATTGCAGAAATCCACACAGCAGAAATCAGAGCTACCTCGAGGTTTCCCCAACTCCAAGCCTG  
 CTCCCAACACAAAGAACCACCCCGTCCGATTTGGGTCTGATGATGAGGGCAGATACCTAACTCAGGAAC  
 CAAAGGTGGAGACATACAAGGAGCAGCACTGAAGACACCTGGCAAGAAAAAGAAAGGCAAAACCCGGA  
 AAACGCAAGGAGCAGGAAAAAAGAAACGTCGAACCTCGGTCTGCCTGGCTAAACTCTGGCGTGGCTGAAA  
 GTGGGCTAGAAGGCCACCAACCATATGACATCTCAGCGACATCGCTGGAGCTCAATTTACGGAGGCATTG



AAATTTTGTAGCAAAGACCTTCAAAGGACGTATTACAGGATTCTGTAATAGTGAACATATGGAAAGTATTA  
 GAAATATTTATTGTCTGTAAATACTGTAAATGCATTGGAATAAACTGTCTTCCCCATTGCTCTATGAAA  
 CTGCACATTGGTCATTGTGAATATTTTTTTTGGCAAGGCTAATCCAATTATTATTATCACATTTACCAT  
 AATTTATTTTGTCAACTGATGATTTTATTTTGTAAATGTATCTTGGTGCTGCTGAATTTCTCTATTTTTT  
 GTAACATAATGCACCTTAGGTATACATATCAAGTATGTTGATAAATGACACAATAAAGTGTCTTTATTTT  
 GTGGTTGATTTTAATAATGCCTAAATATAATTATCCAACTGATTTTCTCTGTGCATGTAAAAATAGCA  
 GTATTTTAAATTTGTAAAGAATGTCTAATAAAATATAATCTAAATT  
 >GBCA0438 |Acc|M21757|Ver|M21757.1 GI:972719|Canis familiaris factor IX mRNA, complete  
 cds.  
 GCCACAGTGACAGAAGCCCACAGAATCAGAGGCGAGCTTTAAAGATGAACACTGCCTACACTCTTAACCC  
 AAGAGGCCACTGGAAATAGCCCAAAGACCCACTGAGGGAGATGGACACTGTTTCCCAGAAGTAAATACAG  
 CTAACCTTGTACTTTGGAACAACCTGGTCAACCTTGCTCCTTGACACAATTCATCAGCAAAGGTTAGGCAGC  
 GCCTGAATAGGATCATGGCAGAAGCATCGGGCCTCGTCACCGTCTGCCTTTTAGGATATCTACTCAGTGC  
 CGAATGTGCAGTTTCTTGTATCGTGAAATGCCACCAAATCTGTAGTCGGCCAAAGAGGTATAATTCA  
 GGTAACCTGGAAGAGTTTGTTCGAGGGAACCTTGAGAGAGAATGTATAGAAGAAAAGTGCAGTTTGAAG  
 AAGCACGGGAAGTTTGTGAAAACACTGAAAAAACCACTGAATTTTGGGAAGCAATATGTGTATGGAGATCA  
 ATGTGAATCCAATCCATGTTTAAATGACGGTGTATGCAAGGATGACATTAATTCCTATGAATGTTGGTGT  
 CGAGCTGGATTTGAAGGAAAGAAGTGTGAATTAGATGTAACATGCAACATTAAGAATGGCAGATGCAAGC  
 AGTTTTGTAAATTTGGGCCCCGATAACAAGGTGGTTTGTTCCTGTACTACGGGATACCAACTTGCGGAAGA  
 CCAAAGGTCTGTGAACACAGCAGTGCCATTTCCATGTGGAAGAGTTTCTGTCCCTCACATTTCTATGACA  
 CGCACCCGTGCTGAAACTCTTTTTTCCAATATGGACTATGAAAATCAACTGAAGTGGAAAAAATTTTGG  
 ATAACGTCACCCAACCGCTTAACGACTTCACTCGAGTTGTTGGTGGAAAAAGATGCCAAACAGGTCAATT  
 CCCTTGGCAGGTCTTTTGAAGGAAAGTTGATGCATTCTGCGGAGGTTCCATCATCAATGAAAAATGG  
 GTGGTAACTGCGACCCCTGATTTAGCCTGATGTTTAAATTAACATAGTTGCAGGTGAGCATAACACCG  
 AGAAGAGGGAACATACAGAGCAGAAGCGAAACGTGATTCGCACTATTCTTACCACAGCTATAATGCAAC  
 TATTAATAAGTACAACCATGACATCGCCCTTCTGGAACCTGGATGAGCCCTTAACGCTGAACAGCTATGTA  
 ACACCTATTGTCAATGTCTGACAGGGAATACTCGAACATCTTCTCAAATTTGGGTCTGGCTATGTGAGTG  
 GCTGGGGGAGAGTCTTCAACAAAGGGCGATCGGCTTCAATCTTCAATACCTTAAAGTTCCACTTGTGTA  
 CCGAGCCACGTGCCTTCGGTCCACGAAGTTCACCATTTATAACAACATGTTCTGTGCTGGCTTCCATGAG  
 GGAGGTAAAGATTTCATGCCAGGGCGATAGTGGGGGACCCCATGTCACCGAAGTAGAAGGCATAAGTTTCT  
 TAACCTGGGATTATAGCTGGGGTGAAGAGTGTGCGATGAAAGGGAAGTATGGAATATATACCAAGGTGTC  
 CCGGTATGTCAACTGGATTAAAGAAAGACGAAGCTACCTAAAGAATAATGTATTCCAAGGTTGACAC  
 GTTTAGGGTAGAAAAATGGACAAGGTCTTTACTAACTAATCACTTTTTTTTATCTCTTTAGATTTGACTAT  
 ATACATTCTCTGAACTACTGCTTTTTTCTCTTCTGGGGAGAAATCTATCTAGAATTCATTTTACTAGACT  
 AAGTGAATTAGAAAATGTAATCACTACGGGAATGTACTGTGATGGGAACCTGTGACCACTCCCACAGGTC  
 TAGCCCTTGGCAGGTTTGTAGGTTAGGTTATTCTCTGCTGCGGTGAGGTGTTAAGTTTCTCCACTGGGG  
 CAACTCCCTGATTCTCCCTCCTTGGCAGCATTCCATGTTCCAGACCTTTCTTACCTTTCCCATGGAAATC  
 ATCAAAATGTGTAGATCTACATCCAGGATATTTGATCTAGTTCATAACAAGTCTAACACCTCACTTGTT  
 AAGGAAGAACACAGGAGCAACTGACAGGTTGCAACTCACCAGAAAACACTATTTCTTTCTGTATGCTT  
 ATTCCTGCTTCTCTTATCTCTTCTGTTTCTTAATCCTGAAATCAGTGTCTCTCTTTCTCTTCTCTCTCT  
 CTTTTTCTTACAGAGGTTTAAAGGAGGGAAGGGACACATCATGCTGTTTTTACTACTGTCCACAGTTATAC  
 ATGTCTATCAAACCCAGACTTGCTTTTCAGTTTGGTCTTTGACTTGCTTTTTCGGAGCATAGGGATGAAGCC  
 AGTGCCTGAAGCAGTGCAGGAAAATTTATCTGAAAGAGTCATGTCTCAGTACTGAAATACATGCATCGT  
 GGAAGGAATGACCGACCCATCAGAATAGTCCAATAAGCATTGTGAATTGTGTTGTGATAGAGGTAACATAA  
 GAAGAGTGACATCAACTCCTGCGTCTCATCCCCATGTGAAAAAACTGTGAACATAAAGAGAACAGCCAG  
 TGTGCAACGTAGAACTAGTAGAGTCTTCAAGGAAGAATTCAATGGTGGGTCTCCAGTACTGGCCGGAGCT  
 AAGGAAGAAGTTGCCCTCGACCAAGAACATGAGCACCCCTGTCTCTTAACTAGCATGTCCCCACAGTGG  
 AGAAGGATGTAGTGGCTTAAAGCATGAGTCAGGGGTGTCTTGGGTGGCTCAGTGGTTGAGCCTTTGG  
 CTCAGGGCATGATCCAGCGTCTTGGGATTGAGTCCCGCATCAGGCTTCTGTCAGGGGGCCTGCTTCTCC  
 CTCTGCTTATGTCTCTGCTTCTCTGTGTGTGTGTGTGTCTCTCATGAAAAAATAAATAAAATCTTT  
 >GBCA0439 |Acc|U05779|Ver|U05779.1 GI:458274|Canis familiaris zona pellucida. A protein  
 mRNA, complete cds.  
 AGCCCTGAAGGAAGCCGCAAGAACCCTGCCCGCACCTCCGCGACCTCAAGATGTCCACTCCACTGGAAGA  
 CGGAGAATACTGGATTGACCCCAACCAAGGATGCAACCTGATGCCATCAAGGTTTTCTGCAACATGGAGA  
 CAGGTGAGACCTGCGTATACCCACCTACCTGGCTGATTGGTGGTACGTTTGGCCATGGCATGCAACAG  
 AAAGGAGACAGTGGGAGTCCCTCAAGCAGGTTTAGTGCAGATTGGAGCACCTACAGTCACTTTCTTTAT  
 TCTTCATCCTTGTGACTTCAGTGAACCTCAGTAGGTGTTATGCAGTTGGTGAATCCCATCTTCCAGGTAC

TGTCATTTGCCATGAAAATAAAATGACAGTGGAAATTTCCAAGGGATCTTGGCACCAAAAAATGGCATGCA  
TCTGTGGTGGATCCATTTAGTTTTGAATTGTTGAACTGTACTTCTATCCTGGACCCAGAAAAGCTCACCC  
TGAAGGCCCCATATGAGACCTGTAGCAGGAGAGTGGTGGCCAGCATCAGATGGCCATCAGACTCACGGA  
CAACAATGCTGCTTCAAGACATAAGGCTTTTCATGTATCAGATCAGCTGTCCAGTTATGCAACAGAAAGAA  
ACCCATGAGCATGCAGGATCCACAATCTGCACAAAAGATTCCATGTCTTTACCTTTAACATTATTCCTG  
GCATGGCTGATGAAAATACGAATCCCAGTGGTGGGAAATGGATGATGGAGGTTGATGATGCAAAAGCTCA  
AAATCTGACTCTTCGGGAGGCCCTTGATGCAAGGATATAATTTCTGTGATAGCCACAGGCTCAGTGTG  
CAAGTGTCAATTCAATGCCACTGGAGTCACTCACTACATGCAAGGTAACAGTCACCTCTACACAGTGCCTC  
TGAAGCTTATACACATCTCCTGGGCAGAAGATCATCTAACACACAGTACTTTGTATGTCAGATCC  
CGTGACCTGTAAAGCCACACACATGACCCCTCACCATACCAGAGTTTCTGGGAAACTACAGTCTGTGAGA  
TTTGAACACAGAACTTTCTGTGAAGCCAGCTGCACAACCATGGGATTGATAAAGAAGAATTAAACGGCT  
TGAGGTTACATTCAGCAAACTCTTCTCAAAATGAACTCCTCTGAAAAATGCCTACTCTATCATGCTTCTA  
CTTAGCATCTCTCAAGCTGACCTTTGCCTTTGAACGGGACACGGTTTCCACAGTGGTTTATCCTGAGTGT  
GTTTGTGAGCCACAGTTACTATAGTTACAGGTGACCTGTGTACCCAGGATGGGTTTATGGATGTCAAGG  
TCTACAGCCACCAACAAAACAGCTCTAACTTGGATACCCTCAGAGTGGGAGACTCCTCCTGCCAACC  
TACTTTCAAGGCTCCATCACAAGGTTGACACTGTTTCACATCCCCCTAAATGGATGTGGAACAAGCTT  
AAGTTCAAAGGTGACACAGTCACTATGAAAATGAAATACATGCTCTCTGGACAGATCTCCCTCCAAGCA  
CAATTTCCAGAGATAGTGAATTCAGAATGACTGTGAAGTGCCATTACAGCAGAGATGACCTGCTGATAAA  
TACCAATGTCCAAAGTCTTCTCCTCCCGTGGCCTCAGTGAGGCCTGGTCCACTTGCCTTAATCCTGCAA  
ACCTACCCAGATAAATCCTATTTGCGACCCATATGGGGATAAGGAGTATCCTGTGGTGAGATACCTCCGCC  
AACCAATTTACCTGGAAGTGAAAGTCTTAAATAGGGCTGACCCCAACATCAAGCTGGTCTTAGATGATTG  
CTGGGCAACACCCACCATGGACCCAGCCTCACTCCCCCAGTGGAAATATTGTCAATGGATGGCTGTGAATAC  
AATCTGGACAACACAGAACGACCTTCCATCCAGTTGGCTCCTCTGTGACCTACCCTACTCACTATCAGA  
GGTTTATGATGTGAAGACCTTTGCCTTTATATCAGAGGCCAAGTGCTTTCTAGCCTGGTCTACTTCCACTG  
CACCGCATTAATCTGCAATCGACTGTCTCCTGACTCCCCCTCTGTGTTCTGTGACTTGCCTGTATCATCC  
AGGCACAGGCGAGCCACAGGCAGTACTGAAGAAGAGAAGATGATAGTAAGTCTCCCGGGACCCATCCTCC  
TGTTGGCAGACAGCTCTTCACTCAGAGATGGTGTGGACTCAAAGGGGACAGGGCTGCTGGATATGTTGC  
TTTTAAACTGTAGTGGCTGTGGCTGCCTTAGCAGGCCCTTGTGGCTGCTCTAGGTCTCATCATCTACCTG  
CGTAAGAAAAGAACCATGGTGTAAATCACTAAGGATTTTCAAATAAAGTGT

>GBCA0440 |Acc|U28141|Ver|U28141.1 GI:881935|Canis familiaris interleukin-2 mRNA, complete cds.

GGCAGAGCTACTCACAGTAACCTCAACTCCTGCCACAATGTACAAAATGCAACTCTTGTCTTGCATCGC  
ACTGACGCTTGTACTTGTGCGAAACAGTGCACCTATTACTTCAAGCTCTACAAAGGAAACAGAGCAACAG  
ATGGAGCAATTACTGCTGGATTTACAGTTGCTTTTGAATGGAGTTAATAATTATGAGAACCCCCAAGCTCT  
CCAGGATGCTCACATTTAAGTTTTACACGCCCCAAGAGGCCACAGAATTTACACACCTTCAATGTCTAGC  
AGAAGAACTGAAAACCTTGGAGGAAGTGTAGGTTTACCCTCAAAGCAAAAACGTTCACTTGACAGACAC  
AAGGAATTAATCAGCAATATGAATGTAACACTTCTGAACTAAAGGGATCTGAAACAAGTTACAACCTGTG  
AATATGATGACGAGACAGCAACCATTACAGAATTTCTGAACAAATGGATTACCTTTGTCAAAGCATCTT  
CTCAACACTGACTTGATAATTAAGTGCTTATTTAAATGTATCAGGCTATTTATTTAAATATTTAAATTT  
TATATTTATTTTTTATGATGTACGTTTTGCTACCTTTTGTAAATTTATTTATTTATTTATTTATTTATTT  
TGGATCTTTTAAAGATTCTTTTTGTAAGCCCTAGGGGCTCTAAAACTCACTTATTTATCCCAAAATATTT  
ATTTTTTATATTTGAATATTAACATGATGTCTATGTAGATCAGTTAATAAAATTTATTTAATAAAGTTGA  
TGA

>GBCA0441 |Acc|L42173|Ver|L42173.1 GI:807605|Canis familiaris Na, K-ATPase alpha-1 subunit mRNA, complete cds.

AAGCTAGCCGCCATGGGGAAGGGGTCGGACGTGATAAATATGAACCTGCGGCCGTTTCAGAGCATGGCG  
ACAAAAAAGGCCAAGAAAGAAAGGGATATGGATGAACCTGAAGAAAGAAAGTTTCTATGGATGACCATAA  
ACTGAGCCTTGATGAACTCATCGCAATATGGAACAGACCTGAGTCGAGGCCTAACAAACCGCTCGAGCT  
GCTGAGATCCTGGCTCGAGATGGTCCCAATGCCCTCACCCACCTCCCACTCCCGAATGGGTCAAGT  
TCTGTCCGCGAGCTGTTTGGAGGTTTCTCGATGTTACTGTGGATTGGAGCGATTCTTTGTTTCTTAGCTTA  
TGGCATCCAAGCTGCCACGGAAGAGGAACCTCAAAATGATAATCTATATCTTGGTGTGGTACTATCAGCT  
GTTGTCTATCTGATGCTTGGCTGTTTCTCTACTATCAAGAAGCTAAAAGTTCAAAGATCATGGAATCCTTCA  
AAAACATGGTTTCTCAGCAAGCACTTGTGATTGAAATGGTGAAGAAATGAGCATCAACGCAGAGGAGGT  
TGTAATCGGGGACTTGGTGAAGTGAAGGAGGAGACCGAATCCCTGCTGATCTCAGAATCATATCTGCC  
AACGGCTGCAAGGTGGATAACTCCTCGCTCACTGGGTGAATCAGAGCCCCAGACTAGATCTCCAGACTTCA  
CAATGAAAACCCCTGGAAACGAGGAATATTGCCTTCTTCTCAACCACTGCGTGAAAGGTACTGCGCG  
CGGCATTGTTGTATACACTGGGGATCGCACTGTATGGGAAGAATTGCCACACTTGCTTCTGGGCTGGAA

GGAGGCCAGACTCCCATCGCTGCAGAAATTGAACATTTTATCCATATCATCACGGGTGTGGCCGTGTTTC  
 TGGGCGTGTCTTCTTTATCCTTTCTTTGATCCTTGAGTATACCTGGCTTGAGGCCGTATCTTTCTCAT  
 CGGAATCATCGTAGCCAATGTGCCAGAAAGGTCTGCTGGCCACTGTCACGGTATGTCTGACCCTCACTGCC  
 AAACGCATGGCAAGGAAAACTGCTTAGTGAAGAACTTAGAAGCTGTGGAGACCTTGGGATCCACGTCCA  
 CCATCTGCTCAGATAAACTGGAACCTGACTCAGAACC GGATGACCGTTGCCACATGTGGTTTCGACAA  
 TCAAATCCACGAAGCCGACACGACAGAGAATCAGAGTGGTGTCTCGTTCGATAAGAGTTACGCCACCTGG  
 CTCGCTCTGTCCGAAATTGCGGGTCTTTGTAACAGGGCGGTGTTTCAGGCTAACCCAGGAAAACTGCCTA  
 TCCTTAAGCGGGCAGTTGACAGGTGACGCCCTCAGAGTCCGCACTCTTAAATGCATCGAGCTGTGCTGTGG  
 TTCTGTGAAGGAGATGAGAGATCGATATGCCAAGATTGTGGAGATCCCCCTTCAACTCTACCAACAAGTAC  
 CAGCTGTCCATCCACAAGAACCCTAACACGTCTGAACCCCGACACCTGTTGGTGATGAAGGGTGTCTCCGG  
 AAAGGATCCTGGACCGCTGCAGCTCCATCCTCCTGCACGGCAAGGAGCAGCCTCTGGATGAGGAGCTGAA  
 GGATGCCCTTCAGAATGCCTACCTGGAGCTGGGCGGCCCTCGGAGAGCGAGTGTGGGTTTCCGCCACCTT  
 TTCTGCCAGATGAACAGTTTCTGAAGGGTTCCAGTTTGACACTGATGATGTGAATTTCCCTGTTGAGA  
 ACCTCTGCTTTGTGGGCTTCATCTCCATGATTGGCCCTCCACGGGCTGCTGTTCTGACGCTGTGGGCAA  
 ATGCCGAGGTGCTGGAATTAAGGTCATTATGGTCACTGGAGACCATCCGATCACAGCCAAAGCCATTGCC  
 AAAGGTGCAGGCATCATCTCAGAAGGCAATGAGACCGTGGAAGACATTGCTGCCCGTCTCAACATCCAG  
 TGAGGCAGGTGAACCCAGAGACGCCAAGGCCTGTGTGGTACATGGAAGCGACCTGAAAGACATGACCTC  
 CGAGCAGCTGGATGGCATTCTGAAGTACCACACGGAGATCGTGTGGCCAGGACCTCTCCTCAGCAGAAG  
 CTTATCATTGTGGAAAGGTGCCAGAGACAGGGGGCTATTGTGGCTGTAACCTGGTGATGGCGTGAATGACT  
 CTCCAGCCTTGAAGAAGGCAGACATTGGGGTTGCCATGGGGATTGTTGGCTCCGACGCGTCTAAGCAAGC  
 TGCCGACATGATTCTTCTAGATGACAACTTTGCCTCAATTGTGACTGGAGTAGAAGAAGGTCTGTGATC  
 TTTGATAACTTGAAGAAATCCATTGCCTACACCTGACCAAGTAACTTCCAGAGATACCCCTTCTCTGA  
 TATTTATTATTGCAAACTTCCACTACCACTGGGGGCTGTCAACATCCTCTGCATTGACTTGGGCACAGA  
 CATGGTCCCTGCTATCTCCCTGGCTTATGAGCAAGCTGAGAGCGACATCATGAAGAGACAGCCAGAAAC  
 CCCAAACCGGACAAGCTTGTGAATGAGCGGCTGATCAGCATGGCCTATGGACAGATCGGTATGATCCAGG  
 CCTTGGGGGGCTTCTTCACTTACTTTGTGATTCTGGCTGAGAACGGCTTCTCCCGACCCACCTGTCTGGG  
 CCTCCGAGTGGACTGGGATGACCGCTGGATCAACGACGTGGAGGACAGCTATGGGCGAGCTGGAGCTAC  
 GAACAGAGGAAAATCGTGGAGTTCACTTGCCACACGGCCTTCTTCGTCACTATCGTGGTGGTGCAGTGGG  
 CTGACTTGGTCACTGTGAAGACAGGAGGAACCTCAGTCTTCCAGCAGGGGATGAAGAACAAGATCCTAAT  
 ATTTGGCCTCTTTGAAGAGACGGCCCTTGTGCTTTCTGTCTTACTGCCCTGGAATGGGTGTTGCCCTG  
 AGGATGTACCCCTCAAACCTACCTGGTGGTTCTGTGCTTTCCCTACTCTCTTCTCATCTTCGTGTACG  
 ACGAAGTCCGAAAACCTCATCATCAGGCGACGCCCTGGCGGCTGGGTAGAGAAAGAAACCTACTACTAGAC  
 CCCCCTGTCTGCACGTTGTGAATCAAGCTT  
 >GBCA0442 |Acc|L42325|Ver|L42325.1 GI:825441|Canis familiaris (clone 27-1)  
 prosmatostatin mRNA, complete cds.  
 TGCCGCTGCTGCCTGCGGAGCCTCCCCTAGAGGTTGACCAGCCGCTCCTCCGGCTCGGCTTCCCCGCGCCG  
 CCGAGATGCTGTCTGCGGCTCCAGTGCAGCGCTGGCCGCGCTGTCCATCGTCTGGCTCTGGGCGGTGT  
 CACCTGCGCGCCCTCGGACCCCGACTCCGCCAGTTTCTGCAGAAGTCCCTGGCTGCCGCCGCGGGGAAG  
 CAGGAACTGGCCAAGTACTTCTTGGCAGAGCTGCTGTCTGAACCCAACCAGACAGAGAATGATGCCCTGG  
 AACCTGAAGATTTGTCCAGGCTGCTGAGCAGGATGAAATGAGGCTGGAAGTGCAGAGATCTGCTAACTC  
 AAACCCCGCATGGCACCCTGAGAACGCAAGCTGGCTGCAAGAATTTCTTCTGGAAGACTTTCACATCC  
 TGTTAGCTTTATTAATTATTGTTGTCCATATAAGACCTCTGATTCTTTCTTCCAAACCTCATCCCACTT  
 CCTAATCCCCCACTCTCAGCAAGACCCCTTGCAATAGAAATTGAAGACTGTAATACAAAATAAAATATAT  
 GGTGAAATTATGAAAAAC  
 >GBCA0443 |Acc|M88170|Ver|M88170.1 GI:717078|Canis familiaris cell adhesion molecule  
 (GMP140) mRNA, 3' end.  
 GTGATCTTCACAAGTGCCTTCTTGTCTTCACTGCTGCTGATTTTTGAATTAATAAAGCAGAAAGAAAG  
 TGGCAGGATGGACCTATAATTACAGCAGCAAGCGTATTATGGAATTATTTCCCGGATTTTCTGCCAGAA  
 GCACTACACAGATTTAGTGGCCATCCAGAATAAAAAAGAAATTGCTTACCTCAATGATGTATACCTTAC  
 TACAACCTCTACTACTGGATTGGGATCCGAAAGATCAATGATAAATGGACCTGGGTGGGAACCAAAAAGC  
 CTCTACCCGAAGAGGCCGAGAACTGGGCTGAAAATGAGCCCAACAACAAAAGAACAAATCAGGACTGTGT  
 GGAGATCTACATCAAGAGCTTGTGCGGCCCTGGCAAGTGAATGATGAGCCCTGCTGGAAAAGGAAGCGG  
 GCGCTATGCTATACAGCCTCCTGCCAGGACATGTCTGTAGCAAGCAAGGAGAAATGCATTGAGACCATCG  
 GGAACCTACACCTGCTCCTGTTTCCCCGGATTCTATGGATCAGAATGTGAATATGTCAGAGAGTGTGGGGA  
 TTTTGATCTTCCAGCATGTGCTCATGAACCTGAGCCACCCTCTAGGAAACTTCTCTTTCAATTCAGAG  
 TGCAGCTTCTACTGCACTGAAGGGTACGAATTGAATGGACCCAGCAAGCTGGAATGCTTGGCTTCTGGAA  
 CCTGGACAAATAAGCCACCACGATGTGTAGCTACCCAGTGTCCACCCCTAAAGACTCCTGAGCAAGGAAG

CATGAAGTGTCTTCACTCTGTGCGAAGCATTCCAGTATCAATCCAGCTGCCACTTTAGTTGTGAAGAGGGA  
 TTTGCATTAGTTGGGCCAGAGGTGGTACAGTGCACGGCCTCAGGGATGTGGACGGCTGCAGCCCCAGTGT  
 GTGAAGCTGTTGCCTGTGGGCCACTGAAGAGTCTGTTCATGGAAGCATGGATTGCTCCCCATCTCGAG  
 AGCATTTCAGTACAACACCAGCTGTGCTTCCATTGTGCTGAGGGTTTCAGGCTGGAAGGAGCTGACCTA  
 GTCCAGTGTACTGACTTGGGACAGTGGACAGCACCAGCCCCCTGCCTGTCAAGCTCTGCAGTGCCAGGATC  
 TTCTGGCTCCAAACAAGGCCAGGTGAAGTGTCTCCACCCATTGGTGCCTTTAGGTACCAATCAACCTG  
 CAGCTTCACCTGTGATGAAGGCTTACTCCTGGTGGGAGCAAGCATGCTGCAATGCTCGGGTACAGGGAAC  
 TGGAGTGTCTCTCCCCAGAATGTCAAGCCATGAGCTGCACACCTCTGCTAAGCCCTCACAATGGAACAA  
 TGAGCTGTGTCCAGCCTCTTGGAAATTCAGTTATAGGTCCACATGTGATTACCTGTAATGAAGGATT  
 CTCTTTATCTGGACCAGAAATATTGGATTGTACTCTGACATTGGACAGGCTCTCACCAACATGT  
 GAAGCCATCAGATGCCCAGAATTATTTGCTCCAGAGCGAGGAAGCCTGGCTTGTCTGACACTCATAAGG  
 AATTACAGCGTTGGCTCCACCTGTCTTTCTCTGTAACAGGGGCTTTAAGCTGGAGGGATTCAATAATGT  
 TGAATGCACAGCTTTGGGAAAATGGACAGCAGCTGCACCAATCTGCAAAGCAGGCATAGTGTGAGCTCCT  
 ACTTCAAAGGTTCACTGTCCAGCCCTCATCTCAGAGCAAGGAACAGTGTCTGTAGGCACCATTTGG  
 GAACCTTTGGTCTGAATACCACTTGCTACTTTGGATGCAAAGCTGGATTCTACTCATGGGAGACAGTGC  
 TCTCAGATGCAGACCTTCAGGAAAATGGACAGCAGGAACGCCAATGCCAAGCTATCAAATGCCCTGAG  
 CTGCATATTATTGAGCCAGGCGTGATGAAGTGTCTCAATCCTTTGGGAAAATTTGAGCTATGGATCAACCT  
 GTAGCTTCCATTGTCCGGAGGGCCAGTTACTTAATGGATCAGCGAGAACAGCATGCCAAGAGAATGGCCA  
 ATGGTCAACTCCCATGCCAGCCTGCAAAGCAGGGCCATTGGCAATCCAAGAATCCCTGACTTACTTTGGT  
 GGAGCAGTGGCTTCTGCAATAGGTTTGTATGACATGTGGGACACTCTTGGCTCTGCTAAGAAAGCGCTTCA  
 GACAAAAAGATGATGGGAAAAGCCCTTTGAACCTTCACAGCCATCTAGGAACATATGGAGTTTTTACGAA  
 TGCTGCATTTGACCAACCCCTTAAGAGACCTGTCTGTGCTCTCTCACTCAACCTCCACAGGATCCT  
 ATTTTTGAACACCAAGTTTCTGCCAGACTTGAGTTACACTGTAGCATATTAGCTGCAGTTTTCTGGTAA  
 TACTTGTAAAG

>GBCA0444 |Acc|L28932|Ver|L28932.1 GI:561934|Canis familiaris CD44 variant, complete cds.

ATTACTTCAGCTGTGCACTCAAACAGCCATGCAGCAGTTTCAAGGAGCAAAATAATTGGATGTGGTCTGGT  
 TTGGTAACTCACAGCCTAAGACTCAGGATCACACGGCAACAGCAACACAGCTTTGAGGAGCTCTAGTGG  
 TACAACCTCCCAAAACAGCAACCAAGAGGCGAGAAGCCAGGATTGGCTTTTCAAGGATCATCTCAGCAGGCT  
 GAGTCCAAGAATCATCTTCAACACAACAATAATGGCTGGTACGGATTCAAGTATCATCTCAGCAGGCT  
 GGGAAACCACTGAAGAAAATGAAGATGAAGAGACAAACACCCAGTTATTCTGGATCAGGCATTGATGA  
 TGATGAAGATTTTATCTCCAGCACCATTCCAACACACACAGGCTTTTAGCCACCCAAAACAGAACAG  
 GATTGGACCCCGTGGAGCCAGGCGAATCGAATCCAGAAGTATTACTTCAGACTACTACAAGGATGACTG  
 ATGTGGACAGAAGTGGCACCAGTGCTAATGGAGAAAATGGACCCGGAACCACTCTCCTCTCATTCA  
 CCATGAGCACCATTGATGAAGAGGAGGCCAGCATGCTACAAGCACAACCGAGGCAATCCCTAGTAGTACA  
 ATAGAAGAAACAGCTACCCAGAAAAGAGCAGTGGGTTGAGAATGGATGGCATGGGAAATATCCGAGTCAC  
 CAAAAGAAGACTCTCATTCAACAGCAGGGACAGCTGCCACAGCCCAAGACAGCCATCCAGATCAAAAAAC  
 GACAACGCAGAGTCAAGAGGACAGCTCCTGGACTTATTTCTTTGACCCAATCTCACATCCAATGGGACCA  
 GGTCTACAAACGGAAAGATGGATGGATATGGACTCCAGCCATAGTCCCAAGTCAGCCTTCTGCAGATC  
 CGAACACACATTTTGGTGGAAAGACTTGGACAGGATAGGACCTCTTCAATGACGACTCAGCAAAGTCATAC  
 TCAGAGCTTCTCCACATCACCTGGAGGCTTGGAAAGAGATAAAACCATCCAACGGCTTCTACTCCAAC  
 AGCAATAGAAGTATGGCAGAGGTGGAAGAGAAGGTGGACATCTTCCCGAAGACTCAGCTCCTTCAGTGG  
 AAGCTTCTCCTTCTCACTGCCAGCCACAAATGAATACAGGACCTCATCCCGGTGACCCCGCTAAGAC  
 GGGGTTCCCTGGAGTTACTGAAGTTAATATTGCTGGAGATTCCAATTCTAACGTTATTCAATTTCTCTTCA  
 G

>GBCA0445 |Acc|L35267|Ver|L35267.1 GI:529029|Canis familiaris germline neuron glucose transporter 3.(GLUT3) mRNA, complete cds.

CTAAATAGAAAGCTATTTTATTTCTATAGAAAACACAAGAAAGGAAGGGAGGAGAGATGTGCTGCGGA  
 GCTGGGGACCAGTAGAAAACTTGCTGCCAAGAAGGACATTTTGGAGGTTTTGTTCACTGGAAGGCGGTG  
 TCTCTGGGATCCCAACTCCAGATCTTTATTGAAGATTGGAATAGAATTAAATTAGGGCCATGGGGACAC  
 AGAAGGTCACGGTGTCTCTGATCTTGGCCCTCTCAATGTCTACAATAGGCTCTTTCCAGTTTGGCTATAA  
 TACCGGAGTCATCAATGCTCCTGAAACGATAATAAAGGACTTTCTCAATTACACCTTGGAAAGAGAAATCG  
 GAAAACCTTCCCACTGAAGTGTACTCACTTCCCTCTGGTCTTGTCTGTGGCCATCTTCTGTGTTGGTG  
 GTATGATTGGCTCCTTCTCTGTGTTGACTCTTTGTCAACCGCTTTGGCAGGCGCAATTCAATGCTTATGGT  
 CAACCTCTTGGCTGTGCTGGTGGCTGCCTTATGGGTTCTGCAAAATAGCGCAGTGGGTTGAAATGCTG  
 ATCTGGGCGGATTGATTATTGGCTCTTCTGCGGCTCTGCACAGGTTTTGTGCCCATGTACATTGGAG  
 AGATCTCTCCCACTGCCCTACGGGGCGGTTTGGCAGCTCTTAACAGCTGGGCATCGTCATCGGGATCCT  
 GGTAGCTCAGATCTTCGGTCTGAAAGTCATCATGGGAACGAAGAGCTTTGGCCCTGCTCTTGGGCTTC

ACCATCATTCCAGCTGTCTGCAAAGCGCCGCCCTTCCATTTTGCCCCGAGAGCCCTAGATTTTTGCTCA  
 TTAACAGAAAGGAAGAGGAGAATGCTAAGGAGATCCTCCAACGATTGTGGGGCAGCCAGGATGTGAGTCA  
 GGACATCCAGGAGATGAAAGATGAGAGTGCTAGGATGGCACAAGAAAAGCAAGTCACTGTGCTGGAGCTC  
 TTCAGATCGCGCAGCTACCGGCAACCCATTATCATTTCCATCATGCTCCAACCTCTCCCAGCAGCTCTCTG  
 GAATCAATGCTGTGTTCTATTACTCAACAGGAATCTTCAAAGATGCAGGTGTGAGGAGCCAATCTATGC  
 CACCATTGGTGAGGGGTGGTCAATACTATCTTCACTGTTGTCTCTCTGTTTCTGGTGAAAGGGCAGGG  
 AGGAGAACCTACATATGATTGGCTTGGAGGGATGGCTGTTTGTTCATCCTTATGACCATCTCGTTGT  
 TATTAAAGGATAACTATAATTGGATGAGCTTTGTTGTATTGGGGCTATCTTGGTCTTCGTAGCCTTCTT  
 TGAAATTGGCCAGGCCCCATCCCTGGTTTATTGTGGCCGAACCTCTCAGCCAGGGACCCCGCCAGCT  
 GCAATGGCAGTGGCTGGTTGTTCCAACTGGACCTCCAATTTTCTGGTTGGGCTGCTCTTTCCTTCTGCTG  
 CATTCTACTTAGGAGCCTATGATTTATCATTTTCACTGGCTTCTCATCGTCTTCTTGGTCTTCACTT  
 CTTCAAAGTCCCTGAGACCCGTGGCAGGACTTTTGGAGAAATCACCCGAGCCTTGAAGGGCAGGGGCA  
 GATGCCAACAGAGCGGAGAAGGGCCCCATTGTGGAGATGAACAGCATGCAGCCGGTGAAGGAGACCGCCA  
 CTGTCTAAGCCATGCCTCCTTCCCGCTCCCTCCCAACATGGAAAAACACCTCTCCCGGATGAGGGAGA  
 AATCGAATCAGGTTGTAACAGGACTGTTTACTGAATAGCTAGCTACTTGATTCTTTCTCTTCCCA  
 CACTCCATGAGCACTCAGAAGAACCCCAATGCTGGAGTTAGTTGTATCTTCAATGAGTTTGAACGTTCA  
 CTGGACATTCTCTCTGTTTAGAAGAGACCAAGTGAACCTACCTTCATTTCAAGGAGGAAGTGGCCACTG  
 CCATATGACAACTTGTGAGCTCTTCTACCTGGGGTCTGGTAGGTCTTCAACCGGGCCAATAGGGGAAT  
 AAGAGTGAGGTGCAGCAGCCCCCAC  
 ATCTACATAAGTGTGGAGGGCTGAGAGGGATTAAATAGAAGCACCCCTCCTCGCTTCCATACAGCTCTGC  
 AGAGCAAATTAAGTTGAGTTTATTATCTTCTGTTTATTGTCATAAATATTTATTTTTTTAAGTG  
 TAAAGTAATTTTACCAAATAATGCAACATAAGGAAATTGAGGTTAGAGTTAGAGGGAGGTGCTTAAAGA  
 GAGGTTTATAGGTTAGGATTTGATACGGGAGAGGTCAAGGT6C  
 >GBCA0446 |Acc|L34956|Ver|L34956.1 GI:516071|Canine transforming growth factor-beta 1  
 (TGFB1) mRNA, complete cds.  
 GAATTCGGCAGAGCCCCGCTCGCGCTCTCGGCAGTGCCGGGGGCGCCGCTCCCCCATGCCGCCCTCCG  
 GGCTGCGGCTGCTGCCGCTGCTGCGGCTGCTGCGGCTACTAGTGCTGACGCTTGCCCGGCGCGCGC  
 CGGACTGTCCACCTGCAAGACCATCGACATGGAAGTGGTGAAGCGGAAGCGCATCGAGGCCATCCGCGGC  
 CAGATCCTGTCCAAGCTGCGGCTCTCCAGCCCCCGAGCCAGGGGGAGGTGCCGCCGTGCCGCTGCCG  
 AGGCCGTGCTGGCCCTCTACAACAGCACCCGCGACCGGGTGGCGGGGAGAGCGCCGAGCCGGAGCCCGA  
 GCCGAGGCGGACTACTACGCCAAGGAGGTCAACCGCGTGCTAATGGTGGAAAACACCAACAAATCTAT  
 GAGAAAGTCAAGAAAAGTCCGCACAGCATATATATGCTCTTCAACACATCAGAGCTCCGAGAAGCAGTGC  
 CTGAGCCCGCTTGTCTCTCCCGGCAGAGTTGCGCCTGCTGAGGCTCAAGTTAAAGCGGAGCAGCATGT  
 GGAGCTGTACCAGAAATATAGCAATGATTCCTGGCGCTACCTCAGCAACCGGCTGCTGGCGCCAGCGAC  
 ACGCCAGAATGGCTGCTCTTGTATGCTCACTGGAGCTGAGGAGTGGCTGAGCCATGGAGGGGATCG  
 AGGGCTTTTCCGCTCAGTCCCACTGTTCTGTGACAGCAAAGATAACACACTGCAAGTAGACATTAACGG  
 GTTCAGTTCCAGCCGCGGAGGTGACCTGGCCACCATTTCATGGCATGAACCGACCTTCCTGCTCCTCATG  
 GCCACCCCACTGGAGAGGGCCAGCACCTGCACAGCTCCCGGCAGCGCGGGGCCCTGGACACCAACTACT  
 GCTTCAGCTCCACGAGAAGAACTGCTGCGTCCGGCAGCTCTACATTGACTTCCGCAAGGATCTGGGCTG  
 GAAGTGGATCCATGAGCCCAAGGGTTACACGCTAATCTTGCCTGGGGCCCTGCCCTACATTTGGAGC  
 CTGGACACGCAGTACAGCAAGGTCTGGCCCTGTACAACAGCACACCCGGGCGCGTCCGCGGCGCCGT  
 GCTGCGTGCCGCGAGGCGCTGGAGCCACTGCCCATCGTGTACTACGTGGGCGCGCAAGCCCAAGGTGGAGCA  
 GCTGTGCAACATGATCGTGCCTCTGCAAGTGCAGCTGAGGCCCCGCCCCGTCCGGCAGGCCCCGCCCA  
 CCGGCGAGNCCGGCCCCGCCCCCGCGCTGCGCGGGCTGTATTTAAGGACACCGCGCCCCAGGCATCC  
 CCCCCATCCCCCGGGTCCATTAAAGGTGGAGAGAGGG  
 >GBCA0447 |Acc|L23087|Ver|L23087.1 GI:349438|Canis familiaris E-selectin mRNA, complete  
 cds.  
 AAAGACTCTAGAAGTCATGATCACTTACAGCTTCTCCCTGCTCTTACTCTTGTGCTTCTCCTATTTAAA  
 GAGGGTGGAGCCTGGTCATACAATGCCCTCCACAGAAGCCATGACTTTTGACGAGGCTAGTACTTACTGTC  
 AGCAAAGGTACACACATCTTGTGCGGATTCAAAACAGGAAGAGATTAAATACCTGAAGTCCATGTTTAC  
 CTATACCACTTACTACTGGATTGGAATCAGGAAGGTCAACAAGAAGTGGACCTGGATAGGGACCCAG  
 AAGCTACTAGCCGAAGAACCAAGAACTGGGCTCCTGGTGAACCAACAATAAGCAAAACGATGAAGACT  
 GTGTGGAGATCTACATCAAGAGGGACAAGGACTCGGGGAAGTGAATGACGAGAGATGTGACAAAAGAA  
 GCTTGCTTATGTTACACAGCTGCCTGTACCCCTACATCTGACGCGCCATGGTGAGTGTGTGGAGACT  
 GTCAACAACATACATGCAAGTGCCACCCTGGCTTCAGAGGTCTCAGGTGTGAGCAAGTTGTGACCTGTC  
 AAGCCAGGAGCCCCCTGAGCAGGAAGCCTGGTTTGCACTCACCTCTGGGGACCTTCACTACAATTC  
 TTCTGCTTTGTGAGCTGTGACAAGGGTTACCTCCCAAGCAGCACGGAAGCCACACAGTGCATTTCCACA

GGGGAATGGAGCGCTTCTCCTCCAGCCTGCAATGTGGTTGAGTGCAGTGCTTTGACAAATCCATGCCATG  
 GAGTCATGGACTGTCTCCAAAGCTCTGGAACCTTCCCATGGAACATGACATGTACCTTTGAGTGTGAAGA  
 AGGATTTGAACTAATGGGACCCAAGCGCTCCAGTGTACCTCATCCGGGAACTGGGACAACAGGAAGCCA  
 ACATGTAAAGCTGTGACATGTGGTGCCATCGGCCATCCTCAGAATGGGTCTGTGAGCTGTAGCCATTCCC  
 CTGCTGGTGTGAGTTCTCCGTCAGATCCTCCTGCAATTCACCTGCAACGAAGGCTTCTGATGCAAGGGCC  
 AGCCCAAATFGAATGTACTGCACAAGGACAATGGAGTCAGCAAGTCCCAGTTTGTAAAGCTTCTCAGTGC  
 AAGGCCTTGTCCAGCCAGAGAGAGGCTACATGAGCTGTCTTCTGGTGCTTCTGGAAGTTTCCAAAGTG  
 GGTCCAGCTGTGAGTTCTTCTGTGAGAAGGGATTTGTGTGAAGGGATCCAAAACACTCCAGTGTGGCCT  
 CACAGGCAAATGGGACAGTGAAGAGCCCACATGTGAAGCTGTGAAATGTGATGCTGTCCAGCAGCCCCAG  
 GACGGCTTGGTGAGGTGTGCCCATTCCTCTACTGGAGAGTTACCTACAAGTCTCCTGTGCCTTCAGCT  
 GTGAGGAAGGCTTTGAATTACATGGGTGAGCTCAGCTTGTGAGTGCACATCTCAGGGACAGGGGGTCAAGG  
 TGGTCCCTCTTGCCAAGTGGTGAATGTTTCAAGTCTGGCAGTTTCCGGAAGATGAACATAAGCTGCAG  
 GGGGAGCCTGTGTTTGGTGTGTATGTGCGTTTGCATGTCTGGAAGGATGGACACTCAATGGCTCTGCAG  
 CTCTGATGTGTGACGCCACGGGACACTGGTCTGGGATGTGCTACCTGTGAAGCTCCCACGGAGTCCAG  
 CATTCCCTTGGCAGTTGGACTCACTGCTGGGGGACCTCCCTCCTGACAGTAGCCTCATTCTCCTCTGG  
 CTCCTGAAACGCTGCGGAAGAGAGCAAAGAAATTTGTCTGCCAGCAGTTGCCAGAGCCTTCAATCAG  
 ACGGATCCTATCACATGCCTTGTAGTATTTAAGTCCAAAGGAATGTGGAACACCGTACCTCCAGGAACTA  
 GAACAATACTCTGATGATGGTAGAGACAGAGAGCACTCCTCTGGTTTCTGGCACTTCTCACCTCCACAA  
 CCTGCCACCTTTACAGCTGAGAGCATGGCCCCCATGTGGTGTCAACGTTCCAAACTCCAGTGGGTGAG  
 CCAGCCTGCCGCTTTGAGCTGAGAGCATGGCCCCCATGAGGAGTTCAACGTTCCAAACTCCAGTGGGT  
 GAGCCAGCCTGCCACCAGCAAGACTCAGCTTTCTCTTCTCTCTCGGCATCTGGAAGATGTTGGCTGA  
 TGGAGGGAAAACATGTTCTCTTCCAGGCAAAAGTGAAGAGACTCAGGCTCTGAATCTCCGAATCCTGTT  
 TAACCTCTTCTCCTGCTCAGCTGTGAGACTCAGCAGAGAAACAGTATTTGTGATATATTCTTCTTCTGCT  
 CCTCACTGTGTCTCAACTACTGATTACACGGTTGCTGTCACTGGATGAAATAATTGCCAAGGAGTTTAGG  
 GGAAACAACCTTGGTCAAAGTATTTATCACCAACATGCAAAAAAATATTTTAAATGCCACAGGCGAGTA  
 CATGGGGAAATCCTGCTTAATACTTTGTGCAAGGATTGCTAAACACAGTCTTAATCCCTTTTACCCCTGT  
 GGGATTCAAGTGCATTTTAAAGTGTCTTAGAGATTTTAAAGTGTCTTTTATTTGCAATTGGCTAAAGTAC  
 AATTTTCCCTAATTTCTTAATTCAGTGTAAAGTGTTTAGAGACTTTAAATATATATGCATGTTAGAGCTATGA  
 TAGGGTAAAGTTACTTATCAGGGATCTTTGTTTATGAAGGACTCTAATGTTATATCTGTAGTAAATTC  
 ATTTTAAAGGGGCAATGCTGTCCCCAGTATTACGTGAATCAGTGTAAAGTTGTGAATGTTTTTACTAT  
 AGTTGCTTTTAAACATGAATAGTGGGGCACCTGGGTGGCTCAGTCAGTTAAGTATCTGACTCTTGACC  
 TCAGCTCAGGTCTTAGTCTCAGGGTCATGAGTTCAAGCTCTTCATTGGGCTCCATGCTGGATGTGGAGCC  
 TACTTTAAAAAATAAAAAATATGAGTAGTATCAGGAAAGTAGAACCTGCATGGCATATATTTGTACACT  
 GTCAGCTATTTTTTCAGAGGTATGTGGTTTTCCATGATGAAAAAATCTCCGTGAGGCCATTTATGTATTAT  
 GTAAACATAAATGCAAAACAGTTAAGGTACACTTTTATGAATATCTTTTGTGAAAAAACAATATAGTAAT  
 ATGGATGTACTTTGCATTCTTACAAAGATGCTTGTGTCAGGTGCAATGTGTCAATATATAATTCTTGAATAT  
 TACATAAAATTTTAAATTCATGGTAGGAACCTCACTGTGTAAAGATTTGCCAGTGGATTTTTTAAAAA  
 GTGAAGACTTTTAAATATTTATCCCTAATTGAGTTATTTGTATTATTAGGATGTTTCATGAAGAAAGGAAA  
 GTCTGTATGAGTGTATATTTATGTATAAAGGAGTTTAAATTCCTAAGGAATCTCCAAGATTCAACTG  
 ATCATTGACAGTGAGAAATTTTGGCCCGTCCATCACCAGAACTTCTTGCTCCATCTTGCAAATGATGTG  
 AGAATCAAACTGTCCACACTTTCACTAATTTAGCATGTATTGAAAAATAAAAGTTTCAGATTAAAGTGC  
 TGGCTGCATGTTGGCAAAGGCAAAGCAAAGTAACAGAAAGAGGCTAAGGTGAGAACGTGAGAGATTTTG  
 ACAGGGCAAAAGAACTCTGGGAAATAAAGCTACCTATGGAATAGGTACCTATGGAATACCTATGTATCAT  
 TTTCTCTGAAATTTGCTCAAATATTGTAAATATGAATATTTGTATATACTGCAATGGAAATATTGTCTGGA  
 ATGTAAGTGTGGTCTGTGTTTGGGTTTGATAAAGTATTTTAAATATGATTTTAAATATTTTATAGCTT  
 TTAAAGTATGTATTTATTTAGGCTTATGCCATACCTATTTTGTATTTGACATGGCAGTGCAGGTTTGAT  
 AATAAAATGTTGTATT

>GBCA0448 |Acc|L13262|Ver|L13262.1 GI:290192|Canis familiaris rod cGMP phosphodiesterase  
 beta subunit mRNA containing a nonsense mutation, complete cds.  
 TAGACAGCCGGACACCATGAGCCTCAGTGAGGAGCAGGTGCAGCACTTCTTAAGCCAGAACCCTGACTTC  
 ACGGACCAGTCTCGGGGAAGACGCTGAGCCCCGAGCATGTGGCTGGCGCCTGCGGGGACGGGACGCCA  
 CGGACTGCGCCAGCTTCCGCGAGCTGTGCCAGGTGGAGGAGAGCGCGGCGCTGTTTCGAGCTGGTGCAGGA  
 CATGCAGGAGAGCCTGAACATGGAGCGCGTGGTGTTCAGATCCTGCGGCGCCTCTGCACCATCCTGCGT  
 GCTGACCGCTGCAGCCTGTTTCATGTACCGGCAGCGCAACGGCGTGGCCGAGCTCGCCACGCGCCTCTTCA  
 GCGTGACCGCAGGACGCGCCCTGGAGGACTGCCTGGTGGCCCCGACTCGGAGATCGTCTTCCCGTGA  
 TATTGGGGTGGTGGGCCAGTGGCTCAGACCAAGAAGATGGTGAACGTCCAGGACGTGACAGAGTGCCCC  
 CACTTCAGCCCCCTCGCCGATGAGCTGACCGGCTACGAGACCAGGAACATCCTGGCCACACCCATCATGA



ACGGCAAGGAGCTGGTGGCTGTCATCATG GCCCTGAACAAGCTCGACGGCCCGTGTTCACGAGTGAGGA  
CGAAGACGTTTTTCTGAAGTACCTGAACCTCGGCACCTTAAACCTGAAGATCTACCACCTGAGCTACCTT  
CACAACCTGCCGAGACGCGCCGAGGCCAGGTGCTGCTGTGGTTCGGCCAACAAAGTGTTCGAGGAGCTGACGG  
ACATCGAGAGGCGAGTTCCACAAGGCCTTCTACACGGTGGGGCCTACCTGAACTGTGACCGCTACTCCGT  
GGGCCTCCTGGACATGACCAAGGAGAAGGAATTCCTTTGACGTGTGGCCTGTGCTGATGGGAGAAGCGCAG  
CCGTACTCGGGCCACGCACACCCGACGGCCGTGAAATCGTCTTCTACAAGGTCATCGACTACATCCTCC  
ATGGCAAGGAGGACATCAAGGTCATCCCTCGCCCCCGCCGACCACTGGGCCTTGGCCAGCGGCCTTCC  
GACCTACGTGGCAGAAAGCGGCTTTATCTGTAACATCATGAACACCGCCCGGACGAGATGTTACGTTTC  
CAGGAAGGGCCCTGGACGACTCGGGCTGGGTCTCATCAAGAACGTCCTCTCCATGCCCATCGTCAATAAGA  
AGGAGGAGATCGTGGGGGTTGCCACGTTCTACAACAGGAAGGACGGGAAGCCCTTCGATGAGCAGGATGA  
GGTCCTCATGGAGTCCCTCACTCAGTTCTTGGGCTGGTTCGGTACTGAACACCGACACCTACGACAAGATG  
AACAAGCTGGAGAACCGCAAGGACATCGCCAGGACATGGTCTGTACCACGTGAGATGCGACAAGGACG  
AAATCCAGTGTATCCTGCCAACGAGGGAGCGCCTGGGGAAGGAGCCTGCGGACTGTGAGGAGGATGAGCT  
GGGAATACTCTGAAGGAGGTGCTGCCGGGGCCAAAGCAAGTTCGACATCTACGAGTTCACCTTCTCGGAC  
CTGGAGTGCACGGAGCTGGAGCTGGTCAAGTGCAGGATCCAGATGTACTACGAGCTGGGCGTGGTCCGCA  
AGTTCCAGATTCCTCAGGAGGTCTGGTGGCTTCTGTTCTCCGTGAGCAAAGGGTACCGGAGGATCAC  
CTACCACACTGGCGCCACGGCTTCAACGTGGCCAGACCATGTTACGCTGCTCACGACGGGCAGCTG  
AAGAGCTACTACACGGACCTGGAGGCTTCGCCATGGTGACGGCGGGCCTGTGCCACGACATCGACCACC  
GCGGCACCAAGACCTGTACCAGATGAAATCCAGAACCCCTGGCCAAGCTCCACGGCTCCTCCATCCT  
GGAGCGGCACCACTGGAGTTCGGGAAGTTCCTGCTCTCCGAGGAGACCCCTGAACATCTACCAGAACCTG  
AACC GGCGGCAGCAGCAGGACGCTGATCCACCTCATGGACATAGCCATCATCGCCACCGACCTGGCACTCT  
ACTTCAAGAGAGGACATGTTCCAGAAGATCGTGGATGAGTCTAAGAACTACGAGGACAGGAAGAGCTG  
GGTGGAGTACCTGTCCCTGGAGACGACGCGGAAGGAGATAGTATGGCCATGATGATGACGGCGTGTGAC  
CTGTCTGCCATCACCAAGCCCTGGGAAGTCCAGAGCAAGGTTGCTCTGTTGGTGGCGGCTGAGTTCTGGG  
AACAAGGGGACTTGGAAAGAAGCTTCTGGATCAGCAGCCTATTCCGATGATGGACCGGAACAAGGCAGC  
CGAGCTCCCCAACTACAGGTTGGCTTCATCGACTTCGTGTGCACGTTTGTGTACAAGGAGTTTTCCCGT  
TTCCACGAAGAGATCCTGCCCATGTTTCGACCCGACTCGAGAACAACAGGAAGGAATGGAAGGCCCTTGGCTG  
ATGAGTACGAGGCCAAGCTGAAGGCCCTGGAGGAGGAGAAGCAGCAACAAGAGGACAGGACGACAGCCAA  
GAAAGCGGGCAGCAGAGATTTGCAACGGTGGCCCCGACCOCAAGTCTTCCACCTGCTGCATCCTGTGAGCT  
GCTCCCGGGTTCGGACGGCGCCCCGCTCTAAGGGTTTGCTACATGTGAGGAAGCCCCAGAAAATGACTA  
AAGACAATTTTGGATATCTTGAACCTTTTTTAAGATCTGTGTTTTTATAAACTCAACTATGAATAAAGTT  
TAGTGTACCTC

>GBCA0449 |Acc|M95495|Ver|M95495.1 GI:290091|Dog Na/Cl-dependent taurine transporter  
mRNA, complete cds.

CCCAGGTCCAGAACAACACCTTTTGCTGAGGAGCCTCCAAAACAAAGTGAGGAGGACATGGCCACCAAG  
GAGAAGTTGCAGTGTCTGAAAGACTTTTCATAAAGACATCCTGAAGCCATCCCCAGGGAAGAGCCCAGGCA  
CCCGGCTGAAGATGAGGCCGAGGGGAAGCCCCCTCAGAGGGAGAAGTGGTCCAGCAAGATCGACTTTGT  
GCTCTCTGTGGCTGGTGGCTTTGTGCGCTTGGGCAACGTCTGGCGGTTCCCGTACCTCTGCTACAAAAAT  
GGTGGAGGTGCATTTCTCATACCATATTTTATTTTCTGTTTGGCGGGCGGCTGCCTGTGTTTTTCTTAG  
AGGTAATCATAGGCCAGTACACCTCTGAAGGAGGCATCACCTGCTGGGAAAAGATCTGCCCCTTGTTCTC  
CGGCATCGGCTATGCCTCCATCGTGATCGTGTCCCTCCTGAATATATACTATGTATCATCATCCTGGCCTGG  
GCCACCTACTACCTGTTCCAGTCCCTCCAATCGGAGCTGCCCTGGGCACACTGCAACCACAGCTGGAATA  
CGCCTCAGTGTATGGAAGACACGATGCGCAAGAACAAGCCTGTGGATCACCTCAGCACCAGAAGCTT  
CACTTCTCCTGTACCGAGTTCTGGGAGCGCAACGTGCTGAGCTTGTCTTCTGGAATTGACGACCCTGGC  
TCCTTGAAGTGGGACCTTGCTCTCTGCCTTCTCCTTGTCTGGCTGGTCTGCTTCTTCTGCATCTGGAAGG  
GTGTCAGTCCACGGGGAAGGTTGTCTACTTCACGGCCACTTTCCCGTTCCGCTATGCTCCTGGTGTCTGCT  
GGTCCGTGGACTGACACTGCCCGGTGCTGGCGCAGGCATCAAGTTTTATCTGTACCCCGACATCAGCCGC  
CTCGAGGACCCGAGGTCTGGATTGATGCTGGGACCCAAATATTCTTCTCCTATGCCATCTGCCTGGGGG  
CCATGACCTCTCTGGGGAGCTACAACAAATACAAGTACAACCTCGTACAGGACTGTATGCTGCTGGGATG  
CCTGAACAGTGGTACAGTTTTGTGTCTGGCTTCGCAATTTTTTCCATCCTGGGCTTCATGGCACAAGAG  
CAAGGGGTGGACATTGTCTGATGTGGCTGAGTCAGGCGCTGGCCTGGCCTTATTGCTTACCCAAAGCTG  
TGACCATGATGCCGCTGCCACGTTTTTGGTCCATTCTCTTTTTTATTATGCTTCTCTTGGTGGACTGGA  
TAGCCAGTTTGTGAAGTCCAGGACAGGTACGTCCTTGGTGCATCTTACCCATCCTTCTAAGGAAG  
GGTTTTCCGTGGGAAATCTTCATCGCCTTCATGTGTAGCATCAGCTACTTGTGGGTCTGTGATGGTGA  
CGGAGGGTGGCATGTATGTGTTTCAACTCTTTGACTACTATGCAGCTAGCGGTGTATGCCCTTTGTGGGT  
TGCAATCTTTGAATGTTTTGTTATTGCTTGGATATATGGCAGCGATAACCTTTATGACGGTATTGAGGAC  
ATGATTGGCTATCGGCCTGGGCCCTGGATGAAGTACAGCTGGGCCGTGGTCACTCCAGTTCTCTGTGTTG



GATGTTTTATCTTCTCTCTCGTCAAGTACGTACCCCTGACCTACAACAAAGTCTACGTGTACCCACCTG  
GGCCATCGGGCTGGGCTGGAGTCTGGCCTTGTCTCCATGATGTGTGTCCCCTTGGTCATGGTCATCCGC  
CTCTGCCAGACGGAAGGGCCGTTCCCTCGTGAGACTCAAGTACCTGCTGACCCCGAGGGAACCAACCGCT  
GGGCCGTGGAGCGGAGGGGGCTACGCCCTACAGCTCCCGCCTGGCCGTGAACGGGGCTCTCATGAAACC  
GACCCACATCATAGTAGAGACCATGATGTGAGCTCTTGGGCAGACGGGCCGCTTCCCTGCTGTTTACTAA  
CATTAGATTCTCATAGGACCAGGTTTACAGAGCTTTCTATTGCACTAGGATTGTTTTTTTTTTTAAAT  
GTCACAGAAAATGTTACTCTGTGTGTGTGTGTGTGGTGTGTGTGTGTGTGTGTGTGGTATTGTGC  
GTATGTGTATTTTGTGTTTGGGATATTTTGTACAAAAGAAAACCCACCGGCAGATGTCCGGGAC  
GAGGCAGAGCTTTTATATTGAATTAGATGTATTTTATGGGAACTTGGTAAATTTTTCTTGTATTTTTTT  
TACATATAATTATATATACATTTAGAGATTGTCTACAGTTTACCACCTGAATCGATCTTCTTGCCAGC  
AATAGATCTCGTTTTTAAAGCAATTCTTCGGTGCTTGTGTAGCTGGCAGAAAGTTCTGCCCCCAAAAA  
CACAGGGTGAACCGACCTGGACAGTAGACCCATTTTAAAGGGTGTAGTACCTTCTCAGCCTGGTTTCGAGT  
AGAAGCATATAGTGGGGCTGGGGGAGTGGGGGGAGGCCCTAGCTGGCCAGACCCAGAGAGGCTGGAG  
AAAGGAGGGCCACAAGCTTCAATGACACTTGTCTTAGCCAAATAAGAGAAATGCCAAATAATGGATCAAC  
CTCTGAGATCAAGGATTGACTTAAGGCAGACAGAGGAGGCCGTACAGCGCAAGTCCGATTCTCTAGAAA  
CCGTTGTACCAGCAGCAAAACCCACCTGGTACATTGAGATCGAGGGTGGATAGTCAGAAGGACTGTCTAG  
GCAGGTTGTCTAGCAGCAGAGGGAGCGGCAAGGGCTCCCGGGAGGCCGGTGAGGATGGCACCCCTGACATTC  
AGGAGGCGGACTGCTTGGCTGCCGCCATGGCCAGCGCACGAGGAGCCAGGGATCTCAGGGCCCCAAACC  
TCGCACAGATGGGGCTGTGTGTTTTATGGGATTCTATTGTGTGAGTTCTGGCCGTTTCCCCGCTGACA  
TGCTTGTGAGCTCCGTGTAGGAGAGAAGCATGTATCTGGTGAGGGACGAGGGGTGAGCCAGTGGACC  
TTTGGGTGTGGGCCAGGCGTTTCTAGAGAGGCTGGTGTGAGGGAGGGGTGCTTTTCTTCTCATCTCTC  
CATCTCAGCTCTGTCTCATCTCCCAGAGGCTGGGAACTCTGACAAGCTCCCCGCCAGGGCTGCC  
CAGCTCCTAGCTGGAGTGCCAAAGTGTCTGGAGCTCCCTGAATCTTGGAGTCGGGCTAAGCGCTCC  
CAAGCCCTCCTCCCATTCCGGGCACAAGAGCAGCCCTTGGTGGTGGCTTGGGAGATAGTGAAGCTCTTCA  
GGACTTCACAACCTCTGCAGTAGCCGCTGTGGATGCACACCACGTGGGGACCGAGGAGAGGAGCGAGG  
GAGCATTTTCTAGAAAGGTAGGATTGTTTCAAGGGGCTGGCACCCAGAACTGGCTTGGCCAAGAGCCTGA  
TTTAGAGCGGCATTCCTCTCTGAAGAAGTAGAGAAGGTACTCCACCTTTAAATCCTGAGACGGACACGT  
CTCCACCCAAAGCCCCATTGAGACCTAAACTGTGCCATTTAAACTGTCACTTCCAAGTTCAGAGTCTCAA  
CTCAACCAAAACATTGTCTATGCACAAACGCCAGTGACTGCCTCGTGGGGTGGCGAGGGTGAAGCCAGCT  
CAGGTGTTGAGAGCGGGGGCTCTCTGAATCCTGGAACCTCTCCCCAAATTTGGGAGGGGAGGAGCCTCT  
GGTGTGTGCCCCCTCCCAAGGGCGGAGGCAACCTGAACTCTTCTCTGGAAGCATTCACATTTCA  
CATTTCACTGTTTCCAAAGGATACACTCTGCCAAACAATACCCAGTCTTATTCAAACCGTTAAACATTC  
TGTGTTCTGTTTTTCTATGTATTTATGGTTGCCGCTGTGTCTGAGTTGATTTTGTGTTGTGTCTTTTC  
CTAATTTTACTGAGTAGCAATGTGATCTGTTTCTCTCGTCTCATGGAACCTAGTAAACTAACCAGTCTC  
CAGATTGGGGCAGGTGATGTGTGGGGTCAAGGGGTGCTTGGTAAGCTGTGGCTGCCCTGGGCATTTGTG  
GTCTCTCAGGCTATAATATCTCCCCCTCCGTAAGGCTACAGTATTTGGGGTGGTAGGTAAATGTC  
AACATCTGGAATGGCCTGAGAAAGGCTTCTCTCATAAGATTGCGAGACCAATTCAGACCAAGAC  
ACAAGCAGACCAAGTCCCCAGGCCCTGCTGAAGGAAGGTGAGCCACTTCCCCGAGCCCCCTCTCTTGACA  
ATCTCCAGTTTACCTGTCTCCAATCGGGCCCTCTGTCTACTCCCCTGGCCCTTGTGTGTCTGCAGAAC  
TTGGCTCTGTGAGTACAAGGTGAATGATGCGTGACTTTGATATGTCTCCACATAAAGGAACTTGTCTAT  
TGGAGCTCATGACTCTGGTCTCTGTCTCTGAGAAACAGGCAGTCCCCCACTCTCTGCCTTGGGAATG  
GGTCAGAAATTTCTGGTGTCCGCACCTAGCCAGTTGGCCAGCTCTGGGAGGGATGTAAGGGAGATGGTTA  
AAGACCTTTCTGAGGATGCAGAAATGAGTAAGGGCTTAGGCTAAATCTCAGCCAGGGAGATGCTTCTCT  
GAGCTTGCCATGGGCTGTGTCCGGCCCTCCAGGGACAGTCTGACAGTCACTCGCTCCCCGGTCCGCGC  
CCTTGGAAAATGGGGGCTTCTGCGAGGCCCGAGCGCAGAACAGACCGGGCACAGCGGGCAGGGACTGG  
AACCAGGCTGTCCCGAGTCACTTCCAGTTGCAAGTTCTCTGAGGGGTGTGTGGCAAGTGGCAAGTGCCTC  
TCCCCAGTGTTCTCCCTGAAGACCCGAGACGAGCCCTTATGAACAAGGAAGCGCTCTGTGCCCCAGCAT  
CAGGACGAGGAGAGCAAGCCCTCAGCCCTCCCCCTCAAGGCTGTGGCTCTGTAGGACAGCCGACT  
GCCTCTGCCCAGCCAGAGAGGCGAGCAGCCCTTCAACCTGGCCCTGCACCCAGTAGCCCTCTGAGCTAGGA  
ACTGAGATCCCTGTTGCATATGAGGAACTGAGGCCAGTGAAGCCAGCTGTGGAAGAAGCAGAGTCC  
TTGGGCAGGATTTAGCTGAGGCTGTGCGGGACATTTCCAGGCAGCTAGAAGCAGCCTTGGGTGATTTCT  
GGGTGGCACACAGGCCCTCTCTGTATCTCTGTTCTCAACCCAGATCCCCAGTGCACCCCTAAAGGAGG  
TGGTGAAGCACGAGGGGAGCGAGCTGCTCTCTGCCTAGCACACGGTGATCTTGCATCCCCACAGGCCGC  
CACGGCACGGCGGTCCATGGTCCAGCCGGCTTCTCCCCAACACTGCCCTTCTGGAAGGGGAAAAGCTCTG  
GGCAGCCAGTGTCAAGGCAGAGGTGCCAGCCTTCCCCCTGAGCCTAGACACAGGCCAGGACGGATGCAA  
GAGAAAGCTCGAGCCGCTAGAGGTCAGGTCAGCCCTCCAGCCCGAGAGCCCGGTGCCAGGCAGCCCAAGTAAATC  
GCACCGTGCAAAAATCCAACAAGCACCAACCAACAAAATCCCCAGAGACAAACTCAGAGAGGGGGCGTGA

GTAACCCGGAAGCCAGAGAACAGCATTTCCCTCGCCCCCGCCCTGTTAACGCCTGGCCCTCAGAATGCT  
 CTTGTTTTTAATAGGAAGCTGTTTCATTGTTCTCTTGTGGGTGTCACACAGACGTGTTCTGACAGTTCC  
 CTGAGGGATGGAGCATCTTGTTATATATTTGGCTTCAAATTGAGATGTTGGCTCCGTTTCTCCCCCCCCC  
 CCCCCAATTAATTTTCGAATCCCTAGCAACTGTGACTGTATTTAGCACAAAGAGAAAGCTGAGATCGTGGG  
 TCTTGCCCTCCTTCCAGAAATATGTCTGGCTCATCAGGACTTTTTTTAAGACTTCAAAATATTTTTAAGAT  
 ATTTTAAACTTTTGTAAAAAACAACAACCAACGAGACTCTTCTGAGGAGGAACATTTGTATCTG  
 AATAAGATCCTCGGTGTATAATTCAGTCTTGCAAGTATACAAGCTTTTGTGTATAAATGTTTATGATATA  
 ATCCCTGTATTTGCGAGGGCTCTTCTTTTCTCTTTTGTCTTTTGTATATAATATGTATATCGATATTTTA  
 AATTCATCTTTGCTTTTTTTTAGAGGAGTTTGTAAATCACCTTATAACATGAAAATAAACATTTCTTTTT  
 AAAATCCAAAAACCCACGCGTCCGCGAC  
 >GBCA0450 |Acc|M64083 M37032|Ver|M64083.1 GI:164102|C.familiaris zymogen granule membrane  
 protein GP-2 mRNA, complete cds.  
 ATGGTGGGCTCTTATGTCTTGTGGCTGGCCTTGGCTTCCCTGCATCTGACCCCTGGCATCTCCAGAACAGC  
 AAGGTAACAGAAACCTCATCAACACTCGTTCCTATGACCCCTGCCAGAATTACCCCTCCTGGATGAACC  
 CTCACGAAGCACAGAGAACACAGAAGGGAGCCAAAGTGTGTGACAAGGACAAGCATGGCTGGTACCGCTTT  
 GTGGGAGATGGAGGAGTGGAGGATGCCGAGACCTGCGTCCCAATGTACCGATGCCAGACAGATGCTCCCC  
 TGTGGCTGAACGGGACCCACCCACCCCTTGCAGGAGGGCATTGTTAACCGTACTGCTTGTGCCCACTGGAG  
 CGGCAACTGCTGTCTCTGGAAGACTGTGGTGCAGGTGAAGGCCTGCCCGGGCGAGTTCCACGTGTACCGG  
 CTGGAGGGCACCCCAAGTGTAGTCTGAGGTACTGCACAGACGCTCCACTGCTACAGACAAGTGTAAAG  
 ACCTCTGCCGCCCCGAAGAGGCCCTGTAGCTTTCTCAATGGCACCTGGGACTGTTTCTGCAGATCGGACCT  
 CAACAGCTCTGATGTCCACAGTTTGCAGCCTCGGCTGAACCTGCGGGGCCAAGGAGATCCAGGTGTCACTG  
 GACAAGTGTGAGTGGGAGGCCCTGGGTTTTGGGGACGAGGTTCATCGCCTACCTGCGAGACTGGAACCTGCA  
 GCAATATGATGCAAAAGAGAGGAGAGAACTGGATATCTGTGACCAGCCCTACCCAGGCGAGGGCCTGTGG  
 AAACATTCTGGAGAGAAATGGAACCCATGCCATCTACAAAAACACCCTCTCCTTGGCCAATGAATTCATC  
 ATCAGAGACACCATCCTCAACATCAATTTCCAGTGTGCCTACCCACTGGACATGAAAGTCAGCCTCCAAA  
 CTGCCCTGCATCCCATTTGTAAGTTCTCTGAACATCAGTGTGGATGGGGAAGGAGAGTTCACTGTCAAGGAT  
 GGCCTTGTTCGAAGACGCTACATATCTCCTTATGAAGGGCTGCAGCTGTGCTGGCTGTGCAATTTTC  
 ATGCTCTATGTGGGTGCCATCTTGGAGAAAGGGGACACCTCCCGGTTTAACTATTGTTGAGGAACCTGCT  
 ATGCCACACCTACTAAAGACAAGACTGACCCTGTGAAATATTTTCATCATCAGAAACAGCTGCCCAAATCA  
 ATATGATTTCCACCATCCATGTGGAGGAGAAATGGGGTGTCTTCAGAAAGCCGGTTCTCAGTTTCAATGATC  
 ATGTTTGTCTGGAAATTTATGACCTAGTGTCTCCTGCATTGTGAGATTCACTCTGCGATTCCCTTAATGAAC  
 AGTGCCAGCCGTGTTGCTCGAGAAGTCAACAGCGTAGTGAATAGTGGCTCTCAACCCAGCTCGGGTTCT  
 AGATTTGGGACCCATCACTCGGAGAGTTCTGCATCTGTTGACATCACAGATGGAACCCCCAGCACTGCA  
 GGGTTCTGTTGGCCTGGCCCATGCTTCTCCTGCCTATCCTCCTGGCTGAGCTGTTTTGA  
 >GBCA0451 |Acc|M90047 M29958|Ver|M90047.1 GI:164100|Dog thyrotropin receptor variant  
 (TSH) mRNA.  
 CAGGCGCAGAGGGGCCAGACGACCGTGGAGGATGAAGAAATAGCCTTGGGACCCCTGGAAAATGAGGCC  
 GCCGCCCTGCTGCACCTGGCGCTGCTTCTCGCCCTGCCAGGAGCCTGGGGGGGAAGGGGTGCTCTTCT  
 CCCCCCTGTGAGTGCCACAGGAGGATGACTTCAGAGTCACCTGCAAGGATATCCACCGCATCCCCACCC  
 TACCACCCAGCAGCAGACTCTGAAGTTTATAGAGACTCAGCTGAAAACCATTCAGTCTGCTGATGTGA  
 AAATCTGCCCAATATTTCCAGGATAGAGATTGGAATACCAAGCTTAACATCCATAGACCCTGACGCC  
 CTAAGAGCTCCCACTCCTGAAGTTCTTGGCATTTTCAACACTGGACTTGGAGTATTCCTGATGTGA  
 CCAAGTTTTATCCACTGATGTATTTCTTTATACTTGAATACAGACAACCTTACATGGCTTCCATCCC  
 TGCCAATGCTTTCCAGGGGCTGTGCAATGAAACCCCTGACACTGAAACTATACACAATGGCTTTACTTCA  
 ATCCAAGGACATGCTTTCAATGGGACAAAACCTGGATGCTTTTACCTGAACAAGAATAAATACCTGTCAG  
 CTATCGACAAAGATGCATTTGGAGGAGTGTACAGTGGACCAACCTTGTGAGTGTCTTTACACCACTGT  
 TACTGCCCTGCCATGCCATCAAGGCCCTGGAGCATCTTAAGGAGCTGATAGCAAGAAACACTTGGACTCTAAAG  
 AAACCTCCCACTTTCTTGAAGTTTCTTACCTTACACGGGCTGACCTTTCTTATCCAAGCCACTGCTGTG  
 CTTTTAAGAAATCAGAAGAAAATCAGAGGAATCCTTGAGTCTTAAATGTGTAATGAAAGCAGTATTCGGAG  
 CCTGCGCCAGAGAAAATCTGTGAATACTTTGAATGGCCCTTTGACCAGGAATGAAGAGTATCTGGGT  
 GACAGCCATGCTGGGTACAAGGCAACTCTCAGGATACCGATAGCAATCTCATTATTATGTCT  
 TCTTCGAAGAACAAGAAGATGAGATCCTCGGTTTTGGGAGGAGCTTAAAAACCCACAGGAAGAGACCCCT  
 CCAGGCCCTTGTAGCCATTATGACTACACTGTGTGTGGTGGCAATGAAGACATGGTGTGTACTCCTAAG  
 TCAGATGAGTTCAACCCCTGTGAAGACATAATGGGCTACAAGTTTCTGAGGATGTGGGTGTGGTTTTGTTA  
 GTCTGTGGCTCTCCTGGGCAATGTCTTTGTCTGATCGTCTCCTTACAGTCACTACAAATTGACTGT  
 CCCACGCTTTCTCATGTGCAACTTGGCCTTTGCAGATTTCTGCATGGGGATGTATCTGCTCCTCATCGCC  
 TCCGTAGACCTCTACACTCATTCTGAGTACTACAACCATGCCATCGACTGGCAGACAGGCCCTGGGTGTA

ACACAGCTGGTTTCTTCACTGTCTTTGCCAGTGAATTATCAGTGTATACACTGACAGTCATCACCCCTGGA  
GCGCTGGTATGCCATTACCTTCGCCATGCGCCTGGACAGGAAGATCCGCCCTCAGGCATGCATATGCCATC  
ATGGTTGGGGGCTGGGTTTGTCTGCTTCTCTGCTCGCCCTGCTCCCTCTGGTGGGAATAAGCAGCTATGCCA  
AGGTCAGCATCTGCCTGCCCATGGACACTGAGACACCTCTTGCCCTGGCATATATATCCTTGTCTGT  
GCTCAACATAGTTGCCTTTATCATTTGTCTGCTCCTGTTATGTGAAGATCTACATCACAGTCCGAAATCCC  
CAGTACAACCCGGGGGACAAAGACACCAAAATTGCCAAAAGGATGGCTGTATTGATCTTCACTGACTTCA  
TGTGCATGGCCCCAATCTCATTCTACGCTCTGTGTCAGCACTTATGAACAAGCCCTCATCACTGTTACCAA  
CTCCAAAATCTTGCTGGTTCTCTTCTATCCACTTAACTCCTGTGCCAATCCATTCTCTATGCTATTTTC  
ACGAAAGCCTTCCAGAGGGATGTATTATCCTGCTCAGCAAGTTTGGCATCTGTAAACGCCAGGCTCAGG  
CATACCGGGGGCCAGAGGGTTTCTCCAAAGAATAGTGTGGTATTAGATCCAAAGGTTACCCGGGACAT  
GAGGCAAAGTCTCCCCAACATGCAGGATGAGTATGAACCTGCTTGAAAACCTCCCATCTAACCCCAATAG  
CAGGGCCAAATCTCAAAAGAGTATAACCAACAGTTCTGTAAGCAGACCCTATACTACTCGCAGTGGCAG  
GTGGACTTCTAAAATCTAGTTTCTTGAACACGTATTTCCAAATTCATTATATACACAAGACAGCTGACCT  
AACCTTTTGCAGGTGATGTTTCTATGGGGCAAATTTTATCTCCAAAAGGGGGTAGCACTACCACCTAATC  
ATTACCTCCCAGGAAGAGAGGGCTACCAGCACTTCTGAACCTGCTGATATCAGATAAAGTACACTT  
TCTAGAAAACCTTGTGATGCTAAGTGTCTTAAACAACATTGTATAAGATGTCCACAGATATTAAGTAA  
CCAGGTCAACATTTAGCTTCTCAGTTTCAAATAGCATTTCTAGTAAAGATTGAGCAATGGCAAATGCT  
ATTAACAGAGTTGGTGACCAAGATAGAATTAGCCCCATGTTGGCTTGGTCCACCTTCATGTTCTTGA  
TACAACCAAGAGAAATGTGAATTCTCGAAACTGAAAAGTCCAGCAGGATACATGCATGAAGCAGCTATT  
ATGAGGTGGAAGGAGGGGAAAGGCTTAGCTTAGTTGTTATTTAGCCTCTGAAACTATATCATCTCTTCA  
CAAGGACCTACCTGATGTGACCCAACCTGTAGGTGTTGCCAGGGGGGAAAAAACTGGCAAGATTTCA  
GCTTATGTGGCTGAGCAAAGTAAGAATTGTTCTTCTTGGCTAGTCTTATAGCATAAAATACGTGAACCT  
AGAAATATTTCTAAGTAGCAGCAAGTGGGAATTATGAGCAGGGCACACTAAATCACACACTGATTAAATA  
AGCAGGGCCACAAGGTAACTGTTGGAGCTTGGGCAAATCACTGGGCCACTTCTAAGTCTAGAAATGAGAG  
AGCCTGATTGCTTCTCAGTTTCAAACCTCTATGTATATCCCTTCCCTTAAATATGTTTCCATGACAA  
AAAAGAAAAGCACTAAAAAGAAAAGAAAAGAAAAGCACTAAGAAAAGAAAATTTATTTTCTCTA  
TCTGTAGTGCAGCCACCTCTTTCTCTTTGGAGGCTGGATATATGACCCAGGACATTTCTTTCTTTTTT  
TATTTTTTTTTTCTATTTTGAATTATAATGTCTGATCCATGTTGGGCTGGATCTAAATCACTCAACTAATT  
ACTAGATCTCTACAGCTACAATTATCAGGCCAAAAACAGACTCATATTACATAACAGAATAAAAGGTGG  
TTTTGCAAATTTTGGTTATTAGAGTTACTACTTCACTGTATAGATTAACCTGAAAACATTTAAGTTGTC  
CAGGGATTGGAAGCTATCAAAACACTCAGGCAAAGCAACACTAAAGCTATCAAGAGAAGTTTCTTCTCTCC  
AAAAGTCTAGCCTTTTCCAACCTGTTGATCATTGGACATAATCTCTATTGCCAATAGTGTCTCTTAC  
TTAAATGTTAGGATCAATCTTTTAATATAGACGTACTCTTCAGATTACCTGTCAAAACAGTCCCTTAA  
TTCTCTCCCAAGCAGAGATGGCATTGCTTCTCAATGTTTATGAAGCACACCAAGGAATTAGAAGCATT  
GTTGTAAGTCTGTGAGTGGGTTACTGGGCCAATGCCCCCCCCCACAGAGATGGTCCCCCAAC  
CCACCTAGGATATCCCAATAGCAATACCCATTCTGATTATCATTGAGATTGGACATCTTAGTAGAAATA  
TTATACACACTCGAAATCATGACTTATCCACCAGTTCACTTGTAACTAATAACTAAACAGTTGTGTTATC  
GTTTGGCATGTGTTTCTCAGCTGTGACATTTTGAATAGTACATCCTGATAATGTATTTTATCTTAAAGTA  
GTTGAAATAACACTTTTGGAAACCGTCTAGAAAAGTAACTTCAACACAATTGTTACTAAAATTTGCAATC  
ACAACATGAAATAAATTTTCTTCTATGAAATGATTGTGCTGAGTCTACAGTATGGCATTGTGTAATTT  
GTGAGCTTCTTTTAAATGTTACCGTTATATGTGTTACAACCTGAAGACAGGGGAAAAAAACAACTGGCAAT  
TTGCTAA

>GBCA0452 |Acc|M29957|Ver|M29957.1 GI:164098|Canine thyrotropin receptor (TSH) mRNA,  
complete cds.

CAGGCGCAGAGGGGGCCAGACGACCGTGGAGGATGAAGAAATAGCCTTGGGACCTTGGAAAATGAGGCC  
GCCGCCCTGCTGCACCTGGCGCTGCTTCTCGCCCTGCCAGGAGCCTGGGGGGGAAGGGGTGTCCTTCT  
CCCCCTGTGAGTGCCACCAAGGAGGATGACTTCAGAGTCACTGCAAGGATATCCACCGCATCCCCACCC  
TACCACCCAGCACGCAGACTCTGAAGTTTATAGAGACTCAGCTGAAAACCATTTCCAGTCGTGCATTTTC  
AAATCTGCCCAATATTTCCAGGATCTACTTGTCAATAGATGCAACTCTGCAGCGGCTGGAATCACATTCC  
TTCTACAATTTAAGTAAATGACTCACATAGAGATTGGAATACCAGAAGCTTAACATCCATAGACCCTG  
ACGCCCTAAAAGAGCTCCACTCCTGAGTTCTTGGCATTCTTCAACACTGGACTTGGAGTATTCCCTGA  
TGTGACCAAAGTTTATTTCACTGATGTATTCTTTTACTTGAATCACAGACAACCTTACATGGCTTCC  
ATCCTTGCCAATGCTTTCCAGGGGCTGTGCAATGAAACCTGACACTGAAACTATACAACAAATGGCTTTA  
CTTCAATCCAAGGACATGCTTTCAATGGGACAAAACCTGGATGCTGTTTACCTGAACAAGAATAAATACCT  
GTCAGCTATCGACAAGAGTGCATTTGGAGGAGTGTACAGTGGACCAACCTTGCTGGATGTCTCTTACACC  
AGTGTACTGCCCTGCCATCCAAAGGCTGGAGCATCTAAAGGAGCTGATAGCAAGAAACACTTGGACTC  
TAAAGAACTCCCACTTTCTTGGAGTTTCTTACCTTACACGGGCTGACCTTTCTTATCCAAGCCACTG

CTGTGCTTTTAAAGATCAGAAGAAAATCAGAGGAATCCTTGAGTCCTTAATGTGTAATGAAAGCAGTATT  
CGGAGCCTGCGCCAGAGAAAATCTGTGAATACTTTGAATGGCCCTTTGACCAGGAATATGAAGAGTATC  
TGGGTGACAGCCATGCTGGGTACAAAGGACAACCTCTCAGTTCAGGATACCGATAGCAATTCTCATTATTA  
TGTCTTCTTCGAAGAACAAGAAGATGAGATCCTCGGTTTTGGGCAGGAGCTTAAAAACCCACAGGAAGAG  
ACCTCCAGGCCCTTGATAGCCATTATGACTACACTGTGTGTGGTGGCAATGAAGACATGGTGTGTACTC  
CTAAGTCAGATGAGTTCAACCCCTGTGAAGACATAATGGGCTACAAGTTCTTGAGGATTGTGGTGTGGTT  
TGTTAGTCTGCTGGCTCTCCTGGGCAATGTCTTTGTCTGATCGTCTCCTTACCAGTCACTACAAATTG  
ACTGTCCCACGCTTCTCATGTGCAACTTGGCCTTTGCAGATTCTGCATGGGGATGTATCTGCTCCTCA  
TCGCCTCCGTAGACCTCTACACTCATCTGAGTACTACAACCATGCCATCGACTGGCAGACAGGCCCTGG  
GTGTAACACAGCTGGTTTCTTCACTGTCTTTGCCAGTGAATTATCAGTGTATACACTGACAGTCATCACC  
CTGGAGCGCTGTATGCCATTACCTTCGCCATGCGCTTGACAGGAAGATCCGCCCTCAGGCATGCATATG  
CCATCATGGTTGGGGGCTGGGTTTGTGCTTCTGCTCGCCCTGCTCCCTCTGGTGGGAATAAGCAGCTA  
TGCCAAGGTCAGCATCTGCCTGCCCATGGACACTGAGACACCTCTTGCCCTGGCATATATTATCCTTGT  
CTGTTGCTCAACATAGTTGCCTTTATCATGTCTGCTCCTGTTATGTGAAGATCTACATCACAGTCCGAA  
ATCCCCAGTACAACCCGGGGGACAAAGACACCAAAATTCGCAAAAGGATGGCTGTATTGATCTTCACTGA  
CTTCATGTGCATGGCCCCAATCTCATCTACGCTCTGTGACCACTTATGAACAAGCCTCTCATCACTGTT  
ACCAACTCCAAAATCTTGCTGGTTCTCTTCTATCCACTTAACTCCTGTGCCAATCCATTTCTCTATGCTA  
TTTTACGAAAGCCTTCAGAGGGATGATTTATCCTGCTCAGCAAGTTTGGCATCTGTAAACGCCAGGC  
TCAGGCATACCGGGGCCAGAGGGTTTCTCCAAAGAAATAGTCTGGTATTAGATCCAAAAGGTTACCCGG  
GACATGAGGCAAGTCTCCCCAACATGCAGGATGAGTATGAAGTCTTGAAACTCCCATCTAACCCCCAA  
ATAAGCAGGGCCAAATCTCAAAAGAGTATAACCAACAGTTCTGTAAGCAGACCCCTATACTACTCGCAGT  
GGCAGGTGACTTCTAAAAATCTAGTTTCTTGAACACGTATTCAAATTCATTATATACACAAGACAGCT  
GACCTAACCCCTTTCAGGTGATGTTTTCATGGGGCAAATTTTCATCTCCAAAAGGGGGTAGCTCTACCCAC  
TAATCATTACCTCCCAGAAGGAAGAGAGGCTACCAGCACTTCTGAACCTGGTGATATCAAGATAACTGA  
CACTTTCTAGAAAATCTGTTTGATGCTAACTGCTTAAACAACATTGTATAAGATGTCCAACAGATATTAA  
CTGAACCAGGTCAACATTGAGCTTCTCACTTTCAAATAGCATTTTCATAGTAAAGATTCTGCAATGGCAA  
ATGCTATTAACTGAGTTGGTGACCAAGATAGAATTAGCCCCATGTTGGCTTGGTCCACCTTCACTGAA  
TTGGATACAACCAAGAGAATGTGAATTCCTCGAAACTGAAAAGTCCAGCAGGATACATGCATGAAGCAG  
CTATTATGAGGTGGAAGGAGGGGAAAGGCTTAGCTTAGTTGTTATTTTCAAGCTCTGAAACTATATCATCT  
CTTCACAAGGACCTACCTGATGTGACCAACTGTTAGGTGTTGCCAGGGGGGAAAAAACTGGCAAGAT  
TTCAGCTTATGTGGCTGAGCAAAAGTAAAGATTGTTCTTCTTGCTAGTCTTATAGCATAAAATACGTGAA  
CCCTAGAAATATTTCTAAGTAGCAGCAAGTGGGAATTATGAGCAGGGCACACTAAATCACACACTGATTA  
ATAAAGCAGGGCCACAAGGTAACGTGTTGGAGCTTGGGCAAACTCACTGGGCCACTTCTAAGTCTAGAAATG  
AGAGAGCCTGATTGCTTCTTCAAGTTTCAAACTCATGTATATCCCTTCCCTTAAATATGTTTCCATG  
ACAAAAAGAAAAGAGAAAAAGAAAAGAAAAGCACTAAGAAAAGAAAAATTTATTTTTCTAT  
CTTGTAGTGCAGCCACCTCTTTCTCTTGGAGGCTGGATATATGACCCAGGACATTTCTTTCTTTTTTTT  
ATTTTTTTTTTTCATTTTGGATTATAATGTCTGATCCATGTTGGGCTGGATCTAAATCACTCAACTAATTA  
CTAGATCTCTACAGCTACAATTATCAGGCCAAAACAGACTCATATTACATAACAGAATAAAAGGTGGT  
TTTGCAAAATTTTGGTTATTTCAGAGTTACTACTTCACTGTATAGATTAACCTGAAAACATTTAACTTGTCC  
AGGGAATTGGAAGCTATCAAACACTCAGGCAAAGCAACACTAAAGCTATCAAGAGAAGTTTCTTCTCTCCA  
AACTGCTAGCCTTTTCCAACCTGTTGATCATTGGACATAATCTCTATTGCCAATAGTGTCTCTTACT  
TAAAATGGTTAGGATCAATCTTTAATATAGACGTACTTTCAGATTACCTGTCAAACAGTCCCTTAAT  
TTCCTCCCAAGCAGAGATGGCATTGCTTCTCAATGTTTCATGAAGCACACCAAGGAATTAGAAGCATTG  
TTGTTTCAAGTCTGTGGAGTAGGGTTACTGGGCCCCAATGCCCCCCCCCACAGAGATGGTCCCCCAACC  
CACCTAGGATATCCCAATAGCAATACCCATTTCTGATTATCATTGAGATTGGACATCTTAGTAGAAATAT  
TATACACACTCGAAATCATGACTTATCCACCACTTCACTTGTAACTAATAACTAAACAGTTGTGTTATCG  
TTTGGCTTCTTCTTCACTGTGACATTTTGAATAGTACATCCTGATAATGTATTTTATCTTAAAGTAG  
TTGAAATAACACTTTGGAAACCGTCTAGAAAAGTAACTTCAACACAATTGTTACTTAAATTTGCATTCA  
CAACATGAAATAAATTTTCTTCTATGAAATGATTGTGCTGAGTCTACAGTATGGCATTTTGTAAATTTG  
TGAGCTTCTTTTAAATGTTACCGTTATATGTGTTACAACCTGAAGACAGGGAAAAAAACAACCTGGCAAT  
TTGCTAA

>GBCA0453 |Acc|J05069|Ver|J05069.1 GI:164083|Canine 21 kDa signal peptidase subunit mRNA, complete cds.

AGTGTGGACCAGAAGATAGAAGGTCCAGTCCCTTGCTGAAAGACAGGTCTGTCTGTTCTGCTTTTCATCTCC  
TTTCGTTCTTCAACAAATCAATTTCTCTGGTGGATGGAAACCTGACACGTAGCAGTTTCAGGAAGG  
CCGGGGCTCCGCAGCCGCTGTGACACCCGGGAGCCGGCGGGCGCTGGGCCCCCTGGAGAGCCCGCAT  
GGTGC GCGCGGGCGCGCTGGGGACGCACCTCCCGCGCTCGGCTTGGACATCTTCGGGGACCTGAGGAAG

ATGAACAAGCGGCAGCTCTATTACCAGGTTTTAACTTTGCCATGATCGTGTCTTCTGCGCTTATGATCT  
GGAAAGGCTTGATCGTCTCACCAGCAGTGAGAGCCCGATCGTGGTGGTGCTCAGTGGCAGTATGGAGCC  
CGCCTTTACAGGGGCGACCTTTTGTCTTGACAACTTCCGGGAAGACCTATTAGAGCTGGCGAAATC  
GTGGTCTTTAAAGTCGAAGGACGAGACATTCCAATAGTTACAGAGTGATCAAAGTTCATGAAAAAGATA  
ATGGAGACATCAAATTTCTGACTAAAGGAGACAATAATGAAGTTGACGACAGAGGCTTGTACAAAGAAGG  
CCAGAACTGGCTTGAGAAGAAGGATGTGGTGGGAAGAGCCAGAGGGTTTTTACCATATGTTGGTATGGTT  
ACCATAATAATGAACGACTATCCAAAATTCAAGTATGCTCTTTGGCTGTAATGGGTGCATATGTGTTAC  
TAAAACGTGAATCCTAAAAAGAGAAGTTCCTGAGACCAGATTGAAAT

>GBCA0454 |Acc|J05466|Ver|J05466.1 GI:164081|Dog microsomal signal peptidase complex (SPC  
18) mRNA, complete cds.  
CCTCTCCGCTGCCGTGCTCCTTCCACCGCCGCGCCATGCTGTCTCTAGATTTTTTGGACGATGTGCG  
GCGAATGAACAAGCGCGCAGCTGTATTATCAAGTCCTAAATTTTGAATGATTGTCTCCTCGGCACATAATG  
ATCTGGAAGGGACTGATGGTCATAACTGGAAGTGAAAGTCCAATTGTAGTGGTGCTCAGTGGCAGCATGG  
AGCCAGCATTTTCATAGAGGAGATCTTCTCTTTTAAACAAATCGAGTTGAAGATCCCATCCGAGTGGGAGA  
AATTGTTGTTTTTAGGATAGAAGGAAGAGAGATTCTATAGTTCACCGAGTCTTGAAGATTCATGAAAAG  
CAAAATGGACATATCAAGTTTTTACCAGGAGAGATAATAATGCCGTTGATGACCGAGGCCTCTATAAAC  
AAGGACAACACTGGCTAGAGAAGAAGGATGTGCTGGGGAGAGCAAGGGGATTTGTTCTTATATTGGAAT  
TGTGACGATCCTCATGAATGACTATCCGAAATTTAAGTATGCCGTCTTCTTCTGCTGGGTTTTATTCTGTG  
CTGGTCCATCGTGAGTAAGAAGTCTACCTTGCTGTTCTTGGAGATGCCGTACTTTTCGTTCTGACTGT  
TTGGAGTAGATATTGGTCTATGATTGGTGGAGTGACAACGTACATGTTGGCGCTTCTTGGTAGCAATGG  
TTTGCATTAGTTTCTGTTTCCACGCCAGGGTCTGTGTGGGCGGGTGCACCAAGATGCGCACCGAGGGGAC  
TCTCAATCACAGGATTCATATGTTGTATTGTACACTTTTCACATTTTTGTACATCAGTGAATTTTTTAA  
TATTAA

>GBCA0455 |Acc|J04067|Ver|J04067.1 GI:164079|Dog microsomal signal peptidase (SPC22/23)  
mRNA, complete cds.  
GGCGGGCGGGCGGGCGCGGGCCACGGGCGCCATGAACACGGTGCTGTGCGGGGCGAACTCGCTGTTTCGCCT  
TCTCGCTGAGCGTGATGGCGGGCGCTCACGTTCCGCTGCTTCATCACCAACCGCCTTCAAGGACCGGAGCGT  
CCCGGTGCGGCTGCACCTCTCGCGGATCATGCTAAAAAATGTAGAAGACTTCACTGGACCTAGAGAAAGA  
AGCGATCTGGGATTCATCACGTTTGATATAACAGCTGATCTAGAGAATATATTTGATTGGAATGTTAAGC  
AGTTGTTTTCTTTATTTATCAGCAGAAATATCAACAAAAAATAATGCCCTGAACCAAGTTGTCTTTGGGA  
CAAGATTGTTCTGCGAGGTGATAATCCAAAGCTGCTGTTGAAAGACATGAAAACAAAATATTTTTTCTTT  
GACGATGGAAATGGCCTCAAGGGAAACAGGAACGTCACCTTAACTCTATCTTGGAACGTTGTACCAATG  
CTGGAATTCTACCTCTTGTGACAGGATCAGGTACGATATCTGTCCATTTCCAGATACATATGAAATAAC  
GAAGAGTTATTAAATTTATCTGAATTTGAAACAACATATTTTTTAACTTAATGAATCATATCTTGTTTTT  
CTCTTTCTTGCATCTTCATTTGTTTTGTTTTGTTTTGTTTGGTATAAGAACTAATTTACAAAAGGCATA  
TTTGAAGGTAATGGCTTACGTAACGTAACCTGATTTTTTACAAACAGAACACACACAGAGGGTCACCA  
GAGGGGAGTATTATAAAAAATAAGACAACACATAATAAAGCTTTGTAAAAAATAATATAGAGGTATTC  
CCTGTATGTCCATGATTTCTTTATGGAATATAAAGTGAGCATGAAGAGTAGTTAGAATTTTAGGTGCCTG  
TGGAGTTCTAAGAGCCGTATTTTATGCCTTGCATTACATCAGATGTGATTGAGAAGTGGACATTCTCTTTT  
AGGGTTTGTCTCATTTACTGGAAAAATTTAAATGACACCTGGTTTTATAAAATAGCCAAAAGTGATGGAATT  
TTATTCCATTTGTCTTAGGAATGCCCCATAATGCTTGTTTTTCTTACAGGGGACTAGCAACTTTCTCCAC  
TTAAAGACTAAATACCTCTTTATATGCTGTAAATCATTCTAATCTATTTTAAAGTCT

>GBCA0456 |Acc|M96629|Ver|M96629.1 GI:164069|Canis familiaris sec61 homologue mRNA,  
complete cds.  
CCGAGGGGAAGCTCTCCCGCGCGGGCTGGGCCGCGGGCAGCGTCGCTCGCTTGGGACGGAGTGGAGCAG  
GAGCGGGACCCGGAGTCTTAGCAGCCGCGCCCATGGCGATCAAATTTCTGGAAGTTATCAAGCCTTTCTG  
TGTCATCCTGCCAGAGATTGAGAAGCCGGAGAGGAAGATTAGTTTAAAGGAGAAAGTGCTATGGACGTGCA  
ATCACCTCTTTTATTTCTTAGTATGCTGCCAGATCCCCCTGTTTGGTATCATGTCTTCAGATTGAGTCTG  
ACCTTTCTACTGGATGAGAGTGATTCTGGCCTCTAACAGAGGCACATTGATGGAGCTGGGTATCTCTCC  
CATTGTACCTCTGGCCTCATCATGCAGCTTTTGGCTGGTGCCAAAAATAATTGAAGTTGGTGACACCCCA  
AAAGACCGAGCCCTCTCAATGGAGCCCAAAAGTTATTCGGCATGATCATTACCATCGGCCAGTCCATAG  
TATATGTGATGACGGGAATGTACGGAGACCTTCTGAAATGGGTGCTGGAATCTGCCTGTTAATCACCAT  
CCAGCTCTTTGTTGCTGGCTTAATTGTCTTGTCTTTGGATGAACCTCTGCAAAAAGGGTACGGCCTGGGC  
TCTGGAATCTCCCTCTTATTGCCACTAACATCTGCGAGACCATTGTTTGAAGGCGTTAGCCCCACCA  
CCGTCAACACCGGCAGAGGAATGGAATTCGAAGGCGCCATCATTCGACTGTTCCATCTCCTGGCCACACG  
CACAGACAAGGTCCGAGCCTTCGAGAGGCTTCTACCGCCAGAATCTGCCAACCTCATGAATCTGATC  
GCCACCATCTTTGTCTTTGCGAGTGGTGATCTATTTTCAGGGCTTCCGTGTGGACCTGCCCATCAAGTCAG

CCCGTTACCGAGGCCAGTACAACACCTACCCTATCAAGCTCTTCTACACTTCCAACATCCCCATCATCCT  
 GCAGTCCGCCCTGGTGTCCAACCTGTACGTCATCTCCAGATGCTGTCCGCCCGCTTCAGTGGCAACCTG  
 CTGGTCAGCCTGCTGGGTACCTGGTCTGATACTTCTTCCGGGGGCCAGCACGGGCGTACCCAGTGGGTG  
 GCCTTTGCCACTACCTATCCCCTCCAGAATCTTTTGGCTCCGTGTTAGAAGACCCTGTCCATGCTGTGGT  
 GTACATAGTGTTCATGCTCGGCTCGTGTGCGTTCTTCTCCAAAACCTGGATTGAGGTCTCGGGCTCCTCT  
 GCCAAAGATGTTGCAAAGCAGCTGAAGGAACAGCAGATGGTGATGAGGGGCCATCGAGAGACTTCCATGG  
 TGCATGAACCTCAATCGGTACATCCCACAGCTGCAGCCTTCGGTGGGCTGTGCATCGGGGCCCTCTCCGT  
 CCTGGCCGACTTCTTGGGCGCCATTGGGTCTGGAACCGGGATCCTGCTGGCAGTCACAATCATCTACCAG  
 TACTTTGAAATCTTCGTAAAGGAGCAGAGCGAGGTGGCAGCATGGGCGCCCTTCTGTCTGAGCCAAGT  
 CTCCCTGGACCAAGGAGAGGGGCCCTGCATGGAATTGCAAGGGAGGGGAACAACGACACCTCACTGTGGG  
 GTCTCATCGCAGGAGTGTGCTGCCGTGGCACCGGGACTTTTAATAATGTTTTTGAATTTTATATTCTTTCA  
 TTCCACTTTGTAAAGTGCTAGAATTTTCAAGTTTGAATTTTGTCTTTTATTCTGGCATTTGGCAAAAAA  
 GAACAGTAGAAGAGAGATTTTCTTGAGCTGACTGCCAGAGGTGGGATGGTAAATGTCCCAAGTGTCCC  
 TGTAACTTTTGTTTTAACTTTGCACCTGCTCAGTGCCGGACGGCTGCAGTGGTCTGAGCTGTTCCCCCA  
 CCAGGGATGTCTTTTTTGGTTAAAAAGCACAACCTCGTGCCAGTGTCTCCATCGTGGCCATAGGGCAG  
 AGGCTAAGAGCAAATCATGTTTCTGGTGGACGTGGGGGACTCGGTCTAGTCCCTGTCACAATCAGGGC  
 TAAGAATATCTGGCTTCAAACCTGTTTCTCTGGAAGACACTATTGTTTCCCTTTTATAAGGTAGTTTTTT  
 TAGGAGCAAGCCTCTTCCAAGAGAAAGGGATGAGTTTTCCAGAAGACCCTACTGGGCCATCTGTTGATTT  
 TTTCTGCATGTGCTTTTTTGGCTGTTGTCGTTGATTATTCTGGTGGGCTTTGAGGCTGAAAAGCATGGAGT  
 TAGCTTGGCTCCCCCATGTCTGTCTGTAATCGGTTTGGCTCCTCTGAGCGAGTGAGCGTGGCCAGGCTTT  
 GCCAGCCTAATAGAGGTGCGCTCGGCCAAGCCAGTGGACATTGTATGGAGGAGCCTTGAATGATGTGT  
 GTCTGTCCAGTCTTCTGGTGTGCTGCTGGACGGGCTCCCACTAGCCCTGGAGGGAAAGACGGCAGCCT  
 AGCTTTTACAGGTCACCGCTACCTCCAGGCTGAGAACCTTCCATCGTGTTTTTTAGCACTTTTTTTTATC  
 GTGCCTACAACCCAAATGCAGGTAAAGTAAATGACCAGATGCCACCCGTCTCCTCTCAACTTCCACCAGA  
 ACCCCCCGCGAGAGAGGAGGGTGCAGGCCCCAGATCCGTGGTGAATCTGGGTGAGAAAGCTTAGGTTTT  
 TGTTTTGTTTTGTAGTAAAGTTGCTCCAGTGTGATATGAAAAGACTCATGATTGTATCTAAAGTGAATTG  
 TGTGTTTGTAGTATCGAGACCTAGGTTGTAGGCATCAGAACCTTTCTGAGGCTGTGCGGAGGCTCCTT  
 GGGGGACAGGCAGTGTGCGGCAGCAGGGACAGCAGTGGGCGTTGTGAGCCTGAGGAGTTCTCCTTGGAG  
 GATGCCCCAGTCTAAGCAGGGAGCAGTGGGACCCACAGCAGCAGGCAACAGTGCCCTTTAAAGCACA  
 GAGCCACAGTCACCACTCCTAGCGGCAGCAAAGCTGGCACCACCTAAGTCCGACTTCCAGGACACCTCAC  
 TAGCAGCGCTAACCCAGGAAACAGACCCCCCACCAGGGCAAGAAGCGACCCGCTACAGCCCCCCCAGCA  
 AGTCAGCAGCAGAAGCAGGCTGGGCCGACAGGTCTGTGACCCCCCTCCAGTCCAGGGCACTCCACCAG  
 CTAGCTCACACGTGGCCTTGTGAGACCCAGTCTGAGCGAGACTCACTGCCTCCCTGCAGCACGGGCGGT  
 GGGCGTCCGCATGGTCCGTGGTCCGTGACCGCGGTGGGGGGGCTGACCCAGCTTCCAGGGGACTGTCA  
 CTGTGGATGCCAAACCGGCATAAAGTGAAGTGAATAAGTGACAAATAAAGGAAACTGTTTACGAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

>GBCA0457 |Acc|M35522|Ver|M35522.1 GI:164057|C.familiaris GTP-binding protein (rab7) mRNA, complete cds.

GAGCGGCTGCGTTTGAAGGATGACCTCTAGGAAGAAAGTGTGCTGAAGGTATCATCCTGGGAGATTCT  
 GGAGTTGGTAAGACATCACTCATGAACCAGTATGTGAACAAGAAATTCAGTAATCAGTACAAAGCTACAA  
 TAGGAGCAGACTTTCTGACAAAGGAGGTGATGGTGGATGACAGACTAGTTACAATGCAGATCTGGGACAC  
 AGCAGGCCAGGAACGGTTCCAGTCCCTTGGTGTGGCCTTCTACAGAGGTGCAGACTGCTGCGTTCTGGTA  
 TTTGACGTTACTGCCCCAACACATTCAAACCCCTCGATAGCTGGAGAGATGAGTTTCTCATCCAGGCCA  
 GTCCCCGGGATCCTGAAAACCTTCCCTTTCGTTGTGTTGGGAAACAAGATTGACCTCGAAAACAGACAAGT  
 GGCCACAAAGCGGGCACAGGCTGGTGCTACAGCAAAAACAACATTCCCTACTTCGAGACCACTGCCAAG  
 GAGGCCATCAATGTGGAGCAGGCGTTCCAGACGATTGCAAGGAATGCACTTAAACAGGAAACAGAGGTGG  
 AGCTGTACATGAATTCCTGAACCCATCAAACCAAGAACGACCGGGCCAAGACCTCAGCGGAAAG  
 CTGCAGTTGCTGAAGGGGCACTGAGAGCAGAGCACAGAGTCTTCAAAAACAAGAACACACTTAGGCCT  
 TCCAACACGAGCCCCCTTCTCTCTTCCAAACAAAACATAAAGTCATCTCTCGAATCCAGTGCCAAAAG  
 ACCTTACCAAACTTCAACCTGACACACACATACACAC

>GBCA0458 |Acc|M35520|Ver|M35520.1 GI:164055|C.familiaris GTP-binding protein (rab5) mRNA, complete cds.

CCGCGGCTCCTCGTGTGCGGCTCAGGTTTCTGTATATCCAGAAAGAAAAATTTGACACCTTGCATCC  
 TGGAGTTTCAATTAAGAGACTGAAATAGGGACTTCTTTCAAATTTGGACATGGCTAATCGAGGAGCAAC  
 AAGACCAACCGGCCAAATATCTGGAATAAAATATCGCAGTTCAAACCTAGTACTTCTGGGAGAGTCTGCT  
 GTTGGCAAATCAAGCCTAGTGCTTGTGTTTGTGAAGGGCAATTTTCATGAATTTCAAGAGAGTACCATAG  
 GGGTGTCTTTCTAACCCAACTGTGTGCTTGTGATGATAACAAGTAAAGTTTGAATATGGGATACAGC



TGGTCAAGAACGATACCATAGCTTAGCACCAATGTACTACAGAGGAGCACAAGCAGCCATAGTTGTATAT  
 GATATCACAAATGAGGAGTCTTTTCCAGAGCCAAAACCTGGGTAAAGAACCTTCAGAGGCAAGCCAGTC  
 CTAACATTGTAATAGCTTTATCAGGAAACAAGGCTGATCTTGCAAATAAAGAGCTGTGCGATTTCCAGGA  
 AGCACAGTCTTATGCAGATGACAACAGTTTATTATTTCATGGAGACATCAGCTAAAACATCGATGAACGTA  
 AATGAAATATTCATGGCAATAGCTAAAAAGTTGCCAAAGAACGAACCACAGAATCCAGGAGCAAATTCCTG  
 CCAGAGGAAGAGGAGTAGACCTTACTGAACCCACGCAGCCAACAGGAGTCAGTGTGTAGTAACATAAC  
 CTCCAGTTTGAACCTTCTGGAATATC

>GBCA0459 |Acc|M35521|Ver|M35521.1 GI:164053|C.familiaris GTP-binding protein (rab2)  
 mRNA, complete cds.

GCGGCCATGGCGTACGCTTATCTCTTCAAGTACATCATCATCGGCGACACAGGTGTTGGTAAATCATGCT  
 TATTGCTACAGTTTACAGACAAGAGGTTTCAGCCAGTGCATGACCTGACTATCGGTGTAGAGTTTGGTGC  
 TCGAATGATAACTATTGATGGGAAACAGATAAACTTCAGATATGGGATACGGCAGGGCAAGAGTCCTTT  
 CGTTCCATCACAGGTCATATTACAGAGGTGCAGCAGGGGCTTTACTAGTGTATGATATTACAAGGAGAG  
 ATACATTCAACCACTTGACAACCTGGTTAGAAGATGCCCGCCAGCATTTCCAATTCCAACATGGTCATTAT  
 GCTTATTGGAAATAAAGTGATTTAGAATCAAGAAGAGAAGTAAAAAAGAAGAAGGTGAAGCTTTTGCA  
 CGAGAACATGGACTTATCTTCATGGAACTTCTGCTAAGACTGCTTCCAATGTAGAAGAGGCATTTATTA  
 ATACAGCAAAAGAAATTTATGAGAAAATCCAAGAAGGAGTCTTTGACATTAATAATGAGGCCAAACGGCAT  
 TAAATTTGGCCCTCAGCACGCTGCTACTAATGCCACACACGCGGCAATCAGGGAGGACAGCAGGCCGGG  
 GGAGGCTGCTGTTGAGTCCGTTTTTTT

>GBCA0460 |Acc|M35302|Ver|M35302.1 GI:164047|Canine lipase mRNA, complete cds.

CGAAAGGGAGGGGAAGGCCAGAACATCCACAGGATGGTGAGCATCTGGACAATCGCGCTGTTTCTGCTG  
 GGAGCAGCCAAAGCAAAGGAAGTTTGCTATGAACAAATCGGATGCTTTTCTGACGCGAGCCCTGGGCGG  
 GGACAGCAATCAGGCCCTCTGAAAGTTCTCCCTGGAGCCCGAGAGAATCGGCACCCGCTTCTGCTCTA  
 CACCAACAAGAACCACAACTTTCAAACCTCTCCTTCCCTCTGATCCATCAACGATTGAGGCATCAAAT  
 TTTCAAACAGACAAGAAGACCCGGTTACCATCCATGGCTTCATAAACAGGGGAGAAGAGAAGTGGCTGC  
 TGGATATGTGCAAGAACATGTTCAAGGTTGAGGAGGTGAAGTGCATCTGCGTGGACTGGAAGAAAGGTTT  
 CCAAACCTCATATACAGGCTGCCAACACGTGCGGGTGGTGGGCGCCAGGTGGCCAGATGCTCAGC  
 ATGCTCTCGGCAAACTACAGCTACTCACCTTCCCAAGTCCAGCTCATCGGCCACAGCCTAGGAGCCACG  
 TGGCTGGGAGGAGCAGGGAGCAGGACTCCAGGTCTGGGAGGATTACAGGGTTGGATCCTGTAGAAGCAAG  
 TTTCCAGGGCACTCCTGAAGAGGTTGCACTTGCATCCCACTGATGCTGACTTTGTTGATGTGATTACACA  
 GATGCAGCTCCCTGATCCCATTCCTGGGTTTTGGAAACAAGCCAACAGATGGGTACCTTGACTTCTTCC  
 CCAATGGTGGAGAGGAAATGCCAGGATGCAAGAAGATGCCCTGTACAGATCGTGAACCTAGATGGCAT  
 TTGGGAAGGAACTCGGGACTTCGTGGCTTGCAATCACCTGAGAAGTTACAGTATTACTCAGAGAGCATC  
 CTAACCCCTGATGGATTGCTTCTTACCCCTGTGCTTCTTACAGGGCCTTTGAATCTAACAAAGTCTTCC  
 CCGTCCAGATCAAGGGTGCCACAGATGGGTCACTATGCTGATAAATTTGCTGTCAAGACAAGTGAATGA  
 GACACAGAAATACTTCTGAACACCGGAGATTCCAGCAATTTTGCTCGCTGGAGATACGGGGTTTTCTATA  
 ACATTGCTCTGGAAAAGAGCCACTGGTCAGGCTAAAGTTGCTTTGTTTGGAAAGTAAGGGAAATACTCATC  
 AATTCAATATCTTCAAGGGGATTCTCAAACAGGCTTACTCATTCATTCATGAGTTTGATGCAAAGCTTGA  
 TGTTGGAACAATTGAGAAAGTCAAGTTTCTTTGGAATAACAACGTGGTAAACCCAACTTTCCCAAAGTG  
 GGTGCAGCCAAAGATCACCGTGCAAAAGGGAGAGGAGAAAACAGTGCACAGCTTCTGCAGCGAAAGCACCG  
 TGAGGGAGGATGTTCTGCTCACCCCTCACGCCCTGTTAGCGTCCAGCGCAACCCGGGCACCGTGTTAACAG  
 CAATAAAACCCTGATGCATTT

>GBCA0461 |Acc|M35301|Ver|M35301.1 GI:164041|Canine phospholipase A-2 mRNA, complete cds.

TTCTCTTGCTCAGCAACTTGACCACAAAATGAAATTCCTCGTACTGGCTGCTCTGCTCACAGTGGCCGCT  
 GCCGAGGGGGGCATCAGCCCGCGGGCAGTTTGGCAGTTCCGCAACATGATCAAGTGCACGATCCCCGAGA  
 GTGACCCCTTGAAGGACTACAACGACTACGGCTGCTACTGTGGCTGGGTGGATCCGGCACCCCTGTGGA  
 TGAGTTGGACAAGTGTTGCCAGACGATGACCACTGCTACTCAGAAGCCAAGAACTGGACAGCTGTAAA  
 TTCTCTGGACAACCCCTACACCAAAATCTACTCATACTCATGCTCCGGCTCTGAGATCACCTGCAGCA  
 GCAAAAACAAAGACTGCCAGGCCCTTTATCTGCAACTGTGACCGCAGTGTGCCATCTGCTTTTCAAAGGC  
 TCCGTATAACAAGGAGCACAAGAACCCTGGACACTAAGAAGTACTGCTAGAAATTGAGTCTCCTCTCTGGAA  
 AGCATCATTTCTACATGCCTCGTGGCCTTACCCTACCCTGTGCTCCTCCAATAAAGCACTTTGTTGAAAG  
 GC

>GBCA0462 |Acc|M92447 M33575|Ver|M92447.1 GI:164039|Canis familiaris cytochrome P-450 IIB  
 (P450IIB) mRNA, complete cds.

GGCAAACCATGGAGCTCAGCGTCTCTCTCTCTCTCACGGGGCTCTTGCTTCTGATGGCCAG  
 GGGCCACCCAAAGGCTTATGGCCACCTCCACAGGCCCCCGTCTGCCCATCTTGGGGAACCTTTCTT  
 CAGATGGACAGAAAAGGCTTACTCAAATCTTCTCAGGCTCCAGAGAAATATGGGGATGTTTTACGG



TGTACCTGGGGCCAAGACGCACGGTTCATGCTATGTGGGATAGACGCCATACGGGAGGCCCTGGTGGACAA  
 TGCTGAGGCCCTTCTGCGCCGGGAAAAATTGCTGTAGTGAGGCCAGTCTTCCAGGGATACGGTGTAGTC  
 TTGCGCAATGGGGAACGCTGGAAGACTCTTCCGCCGATTCTCTGCGCCACCATGAGGGACTTCGGGATGG  
 GGAAGCGGAGTGTGGAGGAGCGGATTGAGGAGGAGGCTCAGTGTCTGGTGGAGAGCTGCGGAAAACTGA  
 GGGAGTCTCCAGGACCCACCTTCTTCTCCACTCCATGACCGCCAACATCATCTGCTCCATTGCTCTT  
 GGAAAACGCTTTGGCTACAAAGACCTTGAGTTCTGCGCCTGATGAACTTGTTCTATGTGTCCTTCGCAC  
 TCATCAGCTCTTCTCCAGCCAGATGTTGAGCTTTTCCACAGCTTCTTGAAGTACTTTCCTGGCACACA  
 CAGGCAGGTCTACAATAACCTGCAGGAAATCAAAGCCTTCATTGCCCGCATGGTGGAGAAGCACCGGGAA  
 ACCCTGGACCCAGCGCTCCGCGGGACTTCATCGACGCCTACCTGATCCGCATGGACAAAGAGAAGGCCG  
 AGCCAGCAGCGAGTTCACCATCGGAACCTCATAGACACGGCGCTCTCGCTCTTCTTCCGCGGCACGGA  
 GACCACAGCACCGCTCCGCTACGGATTCTACTCATGCTCAAATACCCCAATCGCAGAAAGAATC  
 TACAAGGAGATTGACCAGGTGATTGGCCACACCGTCTTCTTCCCTTGATGACCGAGCCAAAATGCCAT  
 ACATGATGCAGTCATCCACGAGATTGAGAGATTTGGGGACCTTCTCCCATTTGGCGTGCCCCATATGGT  
 CACCAAGATATTTGCTTCAGAGGGTACATTATTCCCAAGGGCACTGAAGTATTTCCCATCCTGCACCT  
 GCTCTCAATGATCCCATTAATCTTGAAGAACAGATGCTCTCAACCTGACCACTTCTGGATGCCAATG  
 GAGCACTGAAGAAGATGAAGCATTATCCCTTCTCCATAGGGAAGCGCATTTGTCTTGGTGAAGGCAT  
 CGCCCGCATGGAATATTCCTCTTCTTACCACCATCCTCCAGAACTTCTCTGTGGCCAGCCCCATGGCC  
 CCTGAGGACATTGACCTCACACCCAGGAGATAGGTGTGGGCAAATTGCCCCAGTGTACCAGATCAGCT  
 TTCTGTCTCGTGGAGGTGCTGAGGGAAGGGGGGTCAAAGGATCCAGGATCATGAAATATGTCCACTAC  
 TTCAGAGAACAGCTGCTTGCCTCTCTCTGGGTCTTCTGCCACTGAAAGACCCACTTCCAGCCAGTGTCC  
 TTCCCTCTCTTGATTGCTGCTCTCCCTGGGAAATTCCTCTCTGCCATCTCATCTCACCCCATCATTCTGCA  
 GCTCTTGTAAAGACTCATGGGGGTGTGTTCTTTCTTGTCAATAAAGTTACATATGTGGTGTAGAGCT  
 AGAAGCTGGGGATTAAAGGGGAGATTTGACTCAGGTGCTCTCTGCATTTCTGCTCCCAACCCACAGCTTC  
 CCCCAGTGACTCTCCCATCCTCAGAACACACCACCTCCACTGAGCAACCATTGTGCTCCATGATCT  
 GTGCCATATGTGAGCTCACTTGAATCTTCCCTCAGTAGTCCCATGGGATGGCTACAGTGATTGTGTTTTAC  
 AGACGAGTAAACAAAGGCCAGGCACCTGGCATCAGTTTTCCAGATCATATGGCTGGGAGTGGAGGAGCAA  
 GATTACACACTCTGCTCCCTGGTTCTCAAACTCAAATCTTCACTAACCAACCAACCCCATATATTTTTT  
 AAATTATAGTAAATTCACATCACATAAAACAAGTGTTTTAAAGTGATAATTTAGTGGCATTGAGTTCA  
 TTCGCAATGTTGTACAAACCACCACTATCGAGTTCCAAACATTTTCATCACTCAAGAAGAAAACCCCT  
 TACCCAGTAACAGTCACTCTCCATTTCCTTCCCTCAGCCCTGGCAAACACCAATCTGCTTCCAGTC  
 TCTGTGGCTTTGGCTATTTCTATGTATCTATGTAAATGGAATCATACAATATGTGCTCTGTTGTGCTGG  
 CTCTTTTCACTCAGGATAATATTTTGTAGATTTCATCCACATTGTAGACCATTGCTGTACCCCTACTGCTCT  
 CATTTCTACTGACTCTCTTACTGCTTCCCTCTGTGCAAAGGGCTCCTTGGCTCCTTGGCCCATGGGCTC  
 CAGGCCCATGATTCTAATCTAGTGCCCTAACTGGTTTCTTTACAGTGCCCTTCAATTCTCTGAAACTCAA  
 ATAAACATCAAAGCCTGACATCCCTGGTTCAGGTGGTGAGCCAAAAA

>GBCA0463 |Acc|M98392|Ver|M98392.1 GI:164037|Canis familiaris oligosaccharyltransferase  
 48 kDa subunit (OST48) mRNA, complete cds.

AAGATGAGGAGGAGGAGGAAGATGGAGGCCGGCGCGCGGCCGCGCTTGGTCTGCTGTGGCTGCTGCTG  
 TGCCCTTGCTTGGCCCGGTGTGCGCCAGCGCCCTCGCACCTTGGTGTGCTGCTGGACAACCTCAACCTGCG  
 GGAGAGCGCACTCGCTCTTCTTCCGCGAGCCTGAAGGACAGGGCCTTCGAGCTGACGTTCAAGACCGCAGAC  
 GACCCAGCCTGTCCCTCATCAAGTACGGGGAGTTCCTCTACGACAACCTCATCATCTTCTCCCCCTCGG  
 TGGAAAGATTTGGGAGGCAACATCAATGTGGAGACCATCAGTACCTTCATCGATGGTGGAGGCACTGTCCT  
 GGTAGCTGCCAGCTCAGACATTGGTGACCTCTTCGAGAGCTGGGCAGCGAGTGTGGGATTGAGTTGAC  
 GAGGAGAAGACAGCTGTCTTACCATCACAACTATGACGTCTCTGACCTCGGCCAGCATACGCTCATCG  
 TGGCCGACCCGAGAACTTGCTGAAGGCCCAACCATCGTTGGGAGGTCATCGCTGAACCCCATCCTCTT  
 TCGAGGTGTTGGGATGGTAGCTGATCCGGACAACCTTTGGTATTGGACATCCTGACGGGCTCTTCTAC  
 CTTTCTTCACTCTGCAGTCAGAAAGGCGCGCCGGCTCCAGAGGTATTTCCAAACAGGCAACTATGAA  
 CTAGCTGTGGCCCTCTCCCGCTGGGTGTTCAAGGAGGAAGGTGTCTCCGTGTAGGGCTGTGTCCCACC  
 ATCGGTGGGTGAGACAGCCCAACCAATGCCTACACCTGACTGACCTCGTGGAGTACAGCATTGTGAT  
 TGAGCAGCTCTCAAATGGAAGATGGGTCCCTTTGATGGTGATGACATTGAGCTGGAATTTGTCCGCATC  
 GATCTTTTGTGAGGACCTTCTTGAAGAAAAAGGTGGCAAATACAGCGTCCAGTTCAAGTTGCTGATG  
 TGTATGGGGTGTTCAGTTTAAAGTGGATTACAACCGGCTAGGCTACACGCACTTACACTCTTCCACTCA  
 GGTGTCCGTGAGGCGCTCCAGCACACGCACTGAGCGCTTCTATCCCTCGGCCCTACCCCTACTACGCC  
 AGCGCCTTCTCCATGATGCTGGGGCTCTTCTATCTTACGACAGCTTCTTACACATGAAGGAGAAGGAGA  
 AATCTGACTGAAGGGGACAGGCCAGGGCTCTGACGACAGGCACCTTGGGAGTTCTGCGGGCTGCGTCTT

CCTCACAGCGGGCTTTGTTCTGTTGTTAAAGCTGTGGGACCGTGGCACAGCTTACCTCAGGGAAGATGCG  
GCACTGAGTACCGAGGGAGGGGGTGGGGATGAATTTTCTGTGAGTTTTTCCACCTAATGCTAAGTGGTA  
TTTTTCATATGTGGTCACCTCTCATTTCTAAGATAAACATTGCCCTCCAAAAA  
>GBCA0464 |Acc|M80403|Ver|M80403.1 GI:164031|Canis familiaris Na<sup>+</sup>- and Cl<sup>-</sup> dependent  
betaine transporter mRNA, complete cds.  
GTGAGTTGCCTAAAGTCACACAGCAAGTTAGAGACTCAGTTCCATCACTTACTATATCGGTCCTGTCTCA  
CCATCTGCCCACTCTCGCTCTGCGGCTCCAGTCCATCACGTGGCTATGGACAGAAAAGTGGCAGTCC  
CCGAGGACGGGCTCCCGTTGTCTCTGGCTCCCTGAGGAGGGAGAGAAGTTGGACCAGGAAGGGGAGGA  
CCAGGTGAAGGATCGGGGCCAATGGACCAACAAGATGGAGTTTGTGCTGTCAGTGGCCGGGAGATCATT  
GGGCTGGGCAATGTCTGGAGGTTTCCCTATCTCTGCTACAAAAATGGAGGTGGGGCCTTCTTCATCCCCCT  
ACTTCATCTTCTTCTTACCTGCGGCATCCCGTGTCTTCTTCTGAGGTGGCGTTGGGCCAGTACACCAG  
CCAGGGCAGCGTGACAGCCTGGAGGAAGATCTGCCCCCTTCTTCAGGGCATCGGTCTGGCGTCTGTGGTC  
ATTGAGTCTCTATCTGAACATCTACTACATCATCTCTCGCCTGGGCTCTCTTCTACCTGTTAGCTCCT  
TTACCTCTGAGCTGCCCTGGACGACCTGTACCAACACCTGGAACACAGAGCATTGCATGGACTTCTTAA  
CCACTCGGGAGCCCGCACAGCGACCTCTCTGAGAATTACCTCACCTGTATGGAATTCTGGGAGAGA  
CGTGTGTTGGGCATCACCTCAGGCATCCATGATTTGGGGGCTCTGCGCTGGGAGCTAGCTCTGTGCCTTC  
TGCTGGCCTGGCTTATCTGCTACTTCTGCATCTGGAAGGGAGTCAAGACCACAGGCAAGGTGGTGTATTT  
CACAGCCACGTTTCCCTACCTGATGCTGGTCACTCTGCTGATCCGAGGCATCACCTTCCCGGAGCCTAC  
CAGGTGTCTATCTATTACCTGAAGCCTGATTTGCTTCGCTCAAGGACCCCAAGTATGGATGGACGCGG  
GCACCCAGATCTTCTTCTCTCTCGCCATCTGCCAGGGGTGCCTGACTGCCCTGGGCAGCTACAACAAGTA  
TCACAACAACCTGCTACAGGGACAGCATCGCCCTCTGCTTCTGAACTGCCACCAGCTTCGCGGCTGGC  
TTCGTGGTCTTCTCCATCTCTGGGCTTCATGGCCCAAGAGCAGGGGCTGCCCATCTCTGAGGTGGCCGAGT  
CCGCTCCTGGTCTAGCCTTCATCGCGTTCCCAAGGCTGTGACAATGATGCCCTTATCTCAGCTGTGGTC  
CTGCCCTTTCTTCTCATCTGCTCATCTTCTTGGGCTGGACAGCCAGTTGTCTGTGTGGAGTGCCTGGTG  
ACAGCTCCATGGACATGTTCCCGAGTCAGCTCCGGAAGAGTGGGCGGCGGGAGCTCCTCATCTTGCCA  
TTGCTGTCTTCTGCTACCTGGCGGGGCTTTTTCTGGTCAAGGAGGGCGGGATGTATATCTTCCAGCTGTT  
TGATTATTATGCTCCAGTGGCATATGCCCTGCTTCTCTGGCGATGTTGGAAGTATCTGCATCAGCTGG  
GTGTACGGGGCTGATCGTTTCTATGACAACATTGAAGACATGATTGGCTACCGGCCATGGCCCTTGGTGA  
AGATTTCTGGCTCTTTCTGACCCCTGGACTCTGCTGGCCACCTTCTCTTCTCTTCTGAGCCAGTACAC  
ACCTCTCAAATACAACAACATCTACGTGTACCTCCCTGGGGCTACTCCATCGGCTGGTCTTGGCTCTC  
TCCCTCATGATCTGCGTCCCACTCTTTGTCTCATCACTCTTCTGAAAGACCCGGGGTTCCTTCAAGAAG  
GCCTACGACAGCTTACCACCCCTGACCCAGCCTGCCACAGCCCAAGCAACACCTGTATCTGGATGGTGG  
TACCAGCCAGGACTGCGGGCCTTCCCAACAAGGAGGGACTAATAGTTGGGGAGAAGGAGACCCACTTG  
TAGGATGTGGCCAGCAGCCAGGTGGCTATTGAGCCAAGAACCTCCTCTGTCTAGGGCCACTGCAGTGACAG  
CCTTTACCTGCTCCCTTACCTCCAGCTATGACCTCTGCAATGTCTGTGTGTCTCTCAGCCAGAG  
GCCAGGCTGCTCTCTCTCAGCAGGGCAGCTCTTCTGGTGGGCGAGATGTGGTCTGCTGCAATACGCCA  
TCTGTTGGAACACACCTTCTTATTTATAAAGAGGGTGGTTTTTTTTTGTAGTCCACCATCTGATCTAACA  
CATTACACTGTGTGGGAGCTCCCACTGCAGGGACATTCAGCTTCTCTATACTTATGTGTTGGGAGGGTAG  
CCCTGACGGGAGTACATATCACACATTGACTCGGAGATCCGATGGAACACACATGTTGGAAGTGACAA  
CTGAACGCACCATATTGGATTCTGACATTCCCTTAGAGGGGTTCTTCATGAGGCTTAGTGTCTGGAGT  
CCGTGGGGAAGGAAC TAGAGAAACAAAAGCCTTCATGAGCCATCATTTGTCTTGTAGTTTTCTGGAGGCT  
TCTTGAGGTGTCCCTAGTCCACACGCCTCTTGAATGTTGTCTCCACTCACGGAGCACTGGATGGAAG  
GGACTCAGAGGTGATCCCTAGGCTGTTCTTTGAACAGCTTTAGGGTGCTGTACTATGCC  
AGGCAGACATCACTAATCGATGACAGAGTCTCTCCGACCTCACAGGCCTTCCAAATATAGTGCTCTAGGC  
AGCTCCATTGGCCACCCACTTTGGTCCAACCTCTGGACTTTGTGGGTGAGGAGACTGAGGACTAAAGAG  
AGAGTGACTTTTTCAAGTTCACATAGCTATGCCATAAACCTGGCCTCTTGTCTCAGGCCATGGTTCTT  
TCCATTATGCCCTCTGCTTGGTTAACAAGCAAGTACAGATT  
>GBCA0465 |Acc|L03387|Ver|L03387.1 GI:164025|Canis familiaris (clone pCTM-A) mucin c-  
terminus RNA, 3' end.  
GAATTCGGCAGGAGCGGATCTGTGTGTGGCTCTGGCCAAACACACTGGCATGTCACCAGAAAGGATGATG  
GTGGCTGACGCTTTTAGCCACCGCTTCTATAAGATCTACCAGCTGGAGGAGTCTCTGAGCAGCATCTTGG  
ACCGCGATGATATTTTCTATATAGAGGTGTCGGGCAAGTCTGCTATTGGTGAAAACCTCCAGGGAAGACGT  
TGTGCTTCTCTATCTACCTGCGGGAGCGCACCCAGCCGGGACTACAACAACCTCTACTATGGCCTGATG  
CTCTTTGGGCAACCCTCTCTGCTGCTGGTGCCTGACCGGCTCTCTGGGATGCCCTCTATCACATCC  
TGCTGTACCGCCTCTCGCTATGTGACCAAGCCAGCTCGGATGACGAAGATGACGGGGATGAGAAAGA  
CATAGAGGATAAGGACACACATCCCCAACCAAGCAGCTGGCTGGGGCCAGCTCCAGGATTTCTGGGGCC  
GGATCAGGCGGGGGCCAGCTCTGGAGTCGAGGCGGAAGCCTGCCCCGTGGATAACTCCCTTGACCAT

CTCACTGGCCCCAGAGGGCACGGCGCAAGCACCTGTTACCCCTGCAGACAGTGAACCTCCAATGGGACCAG  
CGACCGCTCAACCTTCAACGAGGATACCCATGCCAGCCGTACATTGCCATCGATTGGGAGCCAGAGATG  
AAGAAGCGTTACTATGACGAGGTGGAGGCCGAGGGCTACGTGAAACATGACTGTGTTGGGTACGTGCTGA  
AGAAGGCTCCTGTGCGGCTGCAGGAGTGCATTGAGCTCTTACCACCTGTCGAGACTCTGGAGAAGGAAAA  
TCCCTGGTTCTGCCCCACCTGCAAGCAGCACCAGCTGGCCACCAAGAAGCTGGACCTGTGGATGCTGCCC  
GAGACACTCATCATCCACCTGAAGCGCTTCTCCTATACCAAGTTCTCCCGCGAGAAGCTGGACACCCCTTG  
TGGAGTTTCTATCCGGGACCTGGACTTCTCTGAGTTTGTCTATCAAGCCGAGAATGAGTCCGCTCCAGA  
GCTGTACAAATATGATCTCATCGCAGTTTCCAATCATTACGGGGGCTGCGTGACGGACACTACACAACA  
TTTGCTTGCAACAAAGACAGCGGCCAGTCCGATTACTTCGATGACAACAGTGTCTCACCTGTAACAGAGA  
ATCAGATCGAGTCCAAGGCGCCTATGTCTCTTCTACCAACGCCAGGATGTGGCGCGTCCGCTGCAACC  
CCAGCCAGTTTCATCTGACCCCCCGCATCTCCTGCCTGCGGTTCCCAACCAACTCTGAGTTTCATGGAT  
GTAAACTAAGGGGCTCTGTCCCTGCCACAGGGAAGGAAGCCATCTCTGCTCTCTTCCCTCCACATCCAT  
CCACCCCAACCCCTCGCCCTCCTACCCGCGTTAGGTGCCCCGTGCCAGGCATGTCAGGCCTGATTGTGGCT  
ACTGTTCTCCTGTGCGCTTATATTGCTCTCTCCCGGGAAGAGGAGGTTGTGTCTCTCTCCCGCAGTGT  
GTTCCCCGCTGTGTTTGGCCCTTAGAGCATTAATCTTCCCTTCTCTCTATTTATGTTGTGCCCTT  
CCCTCTGTCTCAACCTGGGGTGTCTGAGGGGTGGTGGTGGGGTGACCTGAACACAGAGTGTATTTT  
CTTATCGAGACCCTGTACCTTCTGCTGTGTATATATAAAGTGCCAGTGTGTTC  
>GBCA0466 |Acc|M29611|Ver|M29611.1 GI:164022|C.familiaris MHC class II DLA-DR-beta-1  
gene, complete cds.  
CGACTGCTCCCTGCACCTGTCTTTCTGTTTTCCAGCATGGTGTGTCTGTGTTTTCTTGGAGGCTCCT  
GGATGACAGCTCTGATGCTGATACTGATGGTGTGAACCTCCCTTCGTTGGGCCAGGGACACCCACC  
ACATTTCTTGGAGGTGGCAAAGTCCGAGTGTATTTACCAACGGGACGGAGCGGGTGCAGTTTCGTGGAA  
AGATACATCCATAACCGGGAGGAGTTCTGTGCGCTTCGACAGCGACGTGGGGGAGTTCCGGGCGGTACCG  
AGCTCGGGCGGCCCTGCTGAGTCTGGAACGGGCAGAAGGAGATCTTGGAGCAGGAGCGGGCAACGGT  
GGACACCTACTGCAGACACAACCTACGGGGTGAATTGAGAGCTTCACGGTGCAGCGCGAGTCGAGCCTACA  
GTGACTGTGTATCCTACGAAGACTCAGACCTTGCAGCATCACAACCTCCTGGTCTGCTCTGTGAATGGTT  
TCTATCCAGGCCACATTGAAGTCAAGTGGCTCCGGAATGGCCAGGAAGGAAGCTGGGGTGTGTCCAC  
AGGCCTAATCCGTAATGGAGACTGGACCTTCCAGATCCTGGTGTGCTGGAGATAGTTCTTCAGAGCGGA  
GAGGTCTACACCTGCCAAGTGGAGCACCAAGTTTGACAAGCCCTGTACCGTGGAAATGGAGGGCACAGT  
CTGATTCTGCACAGAGCAAGATGCTGAGTGAATCGGGGGCTTTGTCTGGGTCTGCTCTTCTTGCAGT  
GGGGCTGTTTCATCTACTTCAGAAATCAGAAGGGACACTCTGGAATTCAGCAACAGGACTCCTGAGCTGA  
AGTGGAGATGGTGACCTCAAGAAAAAACCTTCTTTCCAGCTTCTTCTCAGAGTCCAAAGGTTTCCAGC  
TTGGCTCTTATTCTTCTACAAATACAGCGCCTTTCTCAGGATCTGTTTGGCCTGGCTTCAGTGACCTG  
CACAGCTTGTGTTCCCAATGGCTCCCTCTGCCGTGCTTGCCTGGAAACCCCAAGTGTGACTGACGT  
ACCTTATCTCTCTCTTCTCTCTATGAGCCCTTATGTTTCCCTTGCATGGGAATCACCTT  
CTGCTCATGTTTCTTTATAAACTTTTCTCAAATAAATGTGGATTG  
>GBCA0467 |Acc|M32283|Ver|M32283.1 GI:164004|Dog MHC class I DLA-A9/A9 alpha-chain mRNA,  
complete cds.  
ATGGAGGTGGTGTATGCCGAGCCCTCCTCGTGCTGCTGTGCGCGGCCCTGGCCCTGACCCCGACCCGGG  
CGGGCTCCCACTCCCTGAGGTATTTCTACACCTCCGTGTCCCGGCCCGCGCGGGGGACCCCGCTTCAT  
CGCCGTGCGCTACGTGGACGACACGCAGTTCTGTGCGGTTTCGACAGCGACGCGGCCACTGGGAGGATGGAG  
CCGCGGGCGCGCTGGGTGGAGCAGGAGGGGCGGAGTATTGGGACCGGCAGACGCGGACCATCAAGGAGA  
CCGCACGGAATTTCCGAGTGGACCTGGACACCCCTGCGCGGCTACTACAACAGAGCGAGGCCGGGTCTCA  
CACCCGCCAGACCATGTACGGCTGTGACCTGGGGCCCGACGGGCGCCTTCTCCGCGGGTACAGTCAGGAC  
GCCTACGACGGCGCGGATTACATCGCCCTGAACGAGGACCTGCGCTCCTGGACCGCGGGCGACACGGCGG  
CGCAGATCACCCAGCGCAAGTGGGAAGCGGCAGGTGTAGCAGAGCTACAATGGAGGAACCTACCTGGAGAC  
GACGTGCGTGGAGTGGCTGCGGAGGTACCTGGAGATGGGAAGGAGACGCTGCTGCGCGCAGACCCCTCA  
AGCACACGTGTGACCCACCAACCCGCTCTCTGACCATGAGGTACCCCTGAGGTGCTGGGCGCTGGGCTTCT  
ACCCCTGCGGAGATCACCTGACCTGGCAGCGGGATGGGGAGGACCAGACCCAGGACACAGAGGTTGTGGA  
CACAAGGCTGCAGGAGATGGGACCTTCCAGAAAGTGGGCGGCCGTGGTGGTGCCTTCTGGACAGGAGCAG  
AGATACAGCTGCCAGTCCAGCATGAGGGGCTGCCGAGCCTATCACGCGGAGATGGGAGCCTTCCCTC  
TGTCCACCATTGTCTATCGTCAGCATGCTGCTCTGGTTCTCCTCGTGGTTCGCTGGGGTATTGGAGCTGT  
GATCTGGAGGAAGCAGCGCTCAGGAGGAAAAGGACAGGCTACTCTCATGCTGCACGTGATGACAGTGCC  
CAGGGCTCTGATGTGTCTCTGACAGCTCCTAGAGTGTGAGACCAGCTGCTGTGGGACTGACGGATGCAA  
GATGTGTTTCATCTCATCTGATGACATCAACAACCTGGCTTGTCTCTGCAAACAGTGTGAGGATGTGC  
CTGTGTCCTTAGGAGCATAATGTGAGGAGGTGGGGAGATTGGCCACCCCTGCCACCATGACCTGTCCCT  
AATCTGATGTGCGCTCTCTCTCTGATGTGCTTTCCTGTCCAGGAGAGGCAGGGCTGGACCATCTCCATC

CCTGTCTTTGTTTCATGTTGAGTACTAATCTCTTACTATCCGATTGAAAATAAGAATCCAGATATGAGTT  
TGTGTTTCTGAGTCTTGGGATGTGGGGCTGATGAGGTAATAAAAGGAGATTTGTGAAGTTGAGAGAGCA  
AATAAATGGAAGCCCTGAGAACCTTCCAG  
>GBCA0468 |Acc|L11568 M36978|Ver|L11568.1 GI:163958|Dog H+,K+-ATPase mRNA, complete cds.  
TGGCGGCACCGGGACCATGGGGAAGGCAGAGAATTACGAGATGTACTCGGTAGAGCTGGGTCTTGGCCC  
TGGGGGGGACATGGCAGCCAGATGAGCAAGAAGAAGGCGGGCAAGGGAGGAGGCAAGAAGAAGGAGAAA  
CTGGAGAACATGAAGAAGGAGATGGAGATCAACGACCACCAGCTGTCCGTGGCGGAGCTGGAACAGAAAT  
ACCAGACCAGTGCACAAAGGGCCTGTCTGCCAGCCTGGCCGCGAGACCTGCTGCTGCGGGACGGGCCAA  
CGCCCTGAGGCGCGCGCTGGTACCCCCGAGTATGTCAAGTTCCGCCGCGAGCTGGCAGGTGGTCTGCAG  
TGCCTCATGTGGGTGGCTGTGCCATCTGCCTCATTGCCTTTGCCATCCAGGCCAGTGAGGGTGACCTCA  
CCACCAGCAGACAATCTGTACCTGGCACTGGCCCTCATCGCCGTGGTCTGGTCAACGGCTGCTTTGGCTA  
CTACCAGGAATTTAAGAGCACCAACATCATCGCCAGCTTCAAGAACCCTGGTGCCTCAGCAAGCAACTGTG  
ATCCGAGATGGGGACAAGTTCCAGATCAACGCAGACCAGCTGGTGGTGGGCGACCTGGTGGAGATGAAAG  
GCGGGGACCGAGTGCCAGCCGACATCAGGATCCTCCAGGCCAGGGCTGCAAGGTGGACAACCTCCTCGCT  
GACCGGAGAGTCCGAGCCGAGACCCGCTCGCCCGAGTGTACACACGAGAGCCCCCTGGAGACGCGCAAC  
ATCGCCTTTGTTCTCCACCATGTGCCTTGAGGGCACAGCACAAGGCCTGGTGGTGAACACGGGTGACCGCA  
CCATCATCGGGCGCATTTGCGTCTGCTGGCTTCGGGAGTAGAGAATGAGAAGACCCCCATCGCTATTGAAAT  
CGAACATTTTGTGGACATCATCGCAGGCCTGGCCATCCTCTTCGGCGCCACGTTTTTTGTGGTGGCCATG  
TGCATTGGTTACACCTTCTCGGGGCCATGGTCTTCTTCATGGCCATCGTGGTAGCCTATGTGCCCCGAGG  
GGCTGCTGGCCACTGTACGGTCTGCTTGTCCCTGACGGCCAAGCGCTGGCCAGCAAGAACCTGTGTAGT  
CAAGAACCCTGGAAGCCGTGGAGACACTGGGCTCCAAGTCAGTGATCTGCTCAGACAAGACAGGGACCTTG  
ACTCAGAACAGCATGACTGTGTCCAATCTCTGGTTCGACAACCACATCCACACGGCTGACACCACGGAAG  
ACCAGTCAGGGCAGAAGTTTGACCACTCCTCGGAGACCTGGCGGGCGCTATGCCGCGTGTCAACCTCTG  
CAACCGGGCGGCTTCAAGTCCGGCCAGGACGCTGTGCGGGTGGCCAGCGCATCGTGATCGGGGACGCG  
TCCGAGACGGCGCTGCTCAAGTTCTCGGAGCTGACCCCTCGGCAACGCCATGGGCTACCGCGAGCGCTTCC  
CCAAAGTCTGCGAGATCCCCCTTCAACTCCACCAACAAGTTCAGCTGTCCATCCACACGCTGGAGGACCC  
GCGCGACCCCCGGCACGTGCTGGTGTGAAGGGCGCCCCGAGCGCGTGTGGAGCGCTGTAGCTCCATC  
CTCATCAAGGGCCAGGAGCTGCCGCTGGACGAGCAATGGCGGGAGGCCCTTCCAGACTGCCTACCTTAGCC  
TGGGGGGCTTGGGGGAACCGGTGCTCGGTTTTCTGTCACTGTACCTGAGTGAGAAGGACTACCCGCTGG  
CTATGCCCTTCGATGTGGAGGCCATGAACCTCCCAACTAGTGGCCTGTGCTTTGCGGGACTTGTATCCATG  
ATAGACCCGCTCGGGCCACCGTCCCTGATGCTGTGCTCAAGTGCCGCACGGCGGGCATCCGGGTGATCA  
TGGTGACGGGTGACCAACCCATCACGGCCAAAGGCCATTGCAGCCAGCGTGGGCATCATTTTCGGAGGGCAG  
CGAGACAGTGGAGGACATCGCCGCCCGCCTCCGGGTGCCTGTGGACCAAGTTAATAGGAAGGATGCCCGC  
GCCTGCGTCATCAATGGCATGCAGCTGAAGGACATGGACCCGCTCCGAGCTGGTGGAGGCGCTGCGGACTC  
ACCCCGAGATGGTGTGTTGCTCGTACCAGTCCCCAGCAGAAGCTGGTGTATCGTGGAGAGCTGCCAGAGACT  
GGGTGACGGGTGACCAACCCATCACGGCCAAAGGCCATTGCCAGCTCCAGCCCTGAAGAAGGCCGACATCGGC  
GTGGCCATGGGCATTGCCGGCTCGGACGCTGCCAAAAATGCAGCGGACATGATCCTGCTGGATGACAAC  
TTGCCTCCATCGTGACAGGCGTGGAGCAGGGCCGGCTGATCTTTGATAACCTGAAAAAGTCCATCGCCTA  
CACGCTGACCAAGAACATCCCCGAGCTGACGCCCTACCTCATCTACATCACCGTCAGCGTGCCCCTGCCC  
CTCGGGTGATCACCATCCTTTCATAGAGCTCTGCACCGACATTTTCCCGTGGTGTCCCTGGCGTATG  
AGAAGGCGGAGAGTGACATCATGCACCTGCGCCCACGGAACCCAAAGCGAGACCGATTGGTCAACGAGCC  
CCTGGCTGCTTACTCCTACTTCCAGATCGGTGCCATCCAGTCATTTGCTGGCTTACAGGACTACTTCACG  
GCCATGGGCCAGGAGGGCTGGTTCCCGTTGCTGTGTGTTGGGGCTGCGGGCGTACTGGGAGAACCACACC  
TACAGGATCTGCAGGACAGCTACGGCCAGGAGTGGACATTCGGGCAGCGCCTGTACCAGCAGTACACCTG  
CTACACCGTGTCTTTCATCAGCATCGAGATGTGCCAGATCGCTGACGTCTCATCCGCAAGACACGCCGC  
CTGTCTGCCCTTCCAGCAGGGCTTCTTTCAGGAACAGGATCCTGGTGTATCGCCATCGTGTTCAGGTCTGCA  
TCGGCTGCTTCTGTGCTACTGCCCGGAATGCCCAACATCTTCAACTTCATGCCCATTCGGTACCACTG  
GTGGTGGTCCCCCTGAGGCGGTTTGGCCTCCTCATCTTCTGCTATGATGAGATTCGGAACCTTGGAGTTCG  
TGTTGCCAGGAGGAGCTGGTGGGATCAGGAGCTCTACTATTAGAGGAACCATCCCTGCACCCCCCGCAGCA  
GAGGTGGGGGGCATGGGACCCGCTGGGCGGCCACTGGAACATCAAAGCGACAGGAGCCCTGGCAGCTGT  
GTCAGCTCCTGCAGCCCACGGCGCCCCGACCTTGGAGGGCCCTCCCCGCTCCCCCTTCCCCATCCACAGAG  
AGCCACCCCGTCAGGCGGTTCCCTGGGCCAGGCTTCTGGTCTGAAGAGTGGGAGGGGGGTGTTGGCAG  
GAGTGGGGCGCTGGCTGTTCCTGTGAGGCGGGTCTGCACTCGGGGTGCCAGAGGGCTCCCCAGGGTACT  
GCTTCAATACACACCTGTGCCGCTGATAGTAATAAACAGCTACACTGACGAAAAAAAAAAAAAAAAAAAA  
>GBCA0469 |Acc|M55251 M38757|Ver|M55251.1 GI:163953|Dog glycoprotein 80 (gp80) mRNA,  
complete cds.  
CGCCGGCGCGCTGACCGAGGCGCTGCTGGGATTCCAGAATTGGAGAAGGAGGCATGATGAAGACTCTCTCT

GCTGCTGGTGGGGCTGCTGCTGACCTGGGACAATGGACGGGTCTGGGAGACCAGGCTGTCTCAGACACC  
 GAGCTCCAGGAAATGTCCACCGAAGGTAGTAAGTACATTAATAAGGAAATAAAAAATGCTCTCAAGGGGG  
 TGAAACAGATAAAGACCCTAATAGAACAGACAAACGAAGAGCGCAAATCACTGCTCAGCAACCTGGAGGA  
 AGCCAAGAAGAAGAAAGAGGATGCACTAAATGATACCAAGGATTCTGAAACGAAGCTGAAGGCGTCCCAG  
 GGGGTGTGCAATGACACCATGATGGCCCTCTGGGAGGAGTGCAAGCCCTGCCTGAAACAGACCTGCATGA  
 AGTTCTACGCACGTGTCTGCAGAAGTGGCTCGGGGCTAGTTGGCCACCAGCTCGAGGAGTTCTGAACCA  
 GAGTTCTCCCTTCTACTTTCTGGATGAATGGCGATCGTATCGACTCCCTGCTGGAGAACGACCGGCAGCAG  
 ACCCAGCCCTGGACGTATGCAGGACAGCTTCAACCGGGCATCCAGCATCATGGATGAGCTTTTCCAGG  
 ACAGATTCTTCACCCGGGAGCCCCAGGATACTTACCCTACTCACCCCTTCAGCTTATTCCAGAGGAGGCC  
 TTTCTTCAATCCCAAATTTTCGCATCGCCCGAACATAATACCTTTCCCTAGATTCCAGCCCTTAACTTC  
 CATGACATGTTTTCAGCCCTTCTTTGACATGATACACCAGGCTCAACAGGCCATGGATGTTAACCCTGCATA  
 GAATTCCTTACCCTTCCCAATTGAATTCACAGAAGAAGATAACCGCACCGTGTGCAAGGAGATCCGTCA  
 CAACTCCACAGGTGCGCTGAAATGAAGGACAGTGTGAAAGTGCCAGGAGATCTGTGAGTGGATTGT  
 TCTTCCAACAACCTTGCAGGTCCAGCTGCGACAGGAAGTTAGTAATTCCTCCAGATTGCGGAGAAGT  
 TCACCAAGCTCTACGACGAGCTGCTGCAGTCTTACCAGGAGAAGATGTTCAACACGCTCCTCCCTGCTGAA  
 GCAGCTGAACGAGCAGTTTAGCTGGGTGTCCCAACTGGCTAACCTCACTCAAAGTGAAGACCCATTCTAT  
 CTCCAGGTACGACGGTGGGTTCTCAGACTTCTGACTCCAATGTTCCCGTGGGCTTCACTAAGGTGGTTG  
 TGAAGCTCTTTGATTCTGACCCCATCACGGTGTATGCCAGAAGCAGTCTCCAGGAACAATCCTAAAT  
 TATGGAGACTGTGCGCAGAGAAGGCTCTTCAGGAGTATCGCCAAAAGCACCGAGAGGAATGAGATGTGAAC  
 ATTGCTTCTCCAAATATGGGAGGGCTGAGTTCTTTGACCCCAAGATGAGTGTAGGCCCTTAGAGAGAG  
 CTCTGCATGTCAACAGTGACAGGCCCTTGCCTCGAGGCGCTCCTGTCTCCTAACCCAGCTTTCTCTCCT  
 CTGGACTCCGCACTGTAACGCCTACGTTTGTCTGATCATGGGAAGAACTCCTGTGTGCCACTAACTCAATA  
 AAACCGCCAAGGAATCTGAAAAAAT  
 >GBCA0470 |Acc|M33826|Ver|M33826.1 GI:163949|Canine blood clotting factor IX mRNA,  
 complete cds.  
 AAGCAGCGCCTGAATAGGATCATGGCAGAAGCATCGGGCCTCGTCACCGTCTGCCTTTTAGGATATCTAC  
 TCAGTGCCGAATGTGCAGTTTTTCTTTCGTCGTGAAAATGCCACCAAAATTCAGAGTCGGCCAAAGAGGTA  
 TAATTCAGGTAACTGGAAGAGTTTGTTCGAGGGAACCTTGAGAGAGAATGTATAGAAGAAAAGTGCAGT  
 TTTGAAGAAGCAGCGGAAGTTTTTGAAGCACTGAAAAAACCACTGAATTTTGGAGCAATATGTTGATG  
 GAGATCAATGTGAATCCAATCCATGTTTAAATGACGGTGTATGCAAGGATGACATTAATTCCTATGAATG  
 TTGGTGTGCGAGCTGGATTTGAAGGAAAGAACTGTGAATTAGATGTAACATGCAACATTAAGAATGGCAGA  
 TGCAAGCAGTTTTGTAAATTGGGCCCCGATAACAAGGTGGTTTGTTCCTGTACTACGGGATACCAACTTG  
 CGGAAGACCAAGGTCCTGTGAACCAGCAGTGCCATTTCCATGTGGAAGAGTTTCTGTCCCTCACATTTCT  
 TATGACACGCACCCGTGTCTGAAACTCTTTTCCAAATATGGACTATGAAAATTCAACTGAAGTGGAAAAA  
 ATTTTGGATAACCTGACCCCAACCGCTTAACGACTATCTCGAGTTGTTGGTGGGAAAAGATGCCAAACAG  
 GTCAATTCCTTGGCAGGTCTTTTGAATGGGAAAGTTGATGCATTCTGCGGAGGTTCATCATCAATGA  
 AAAATGGGTGGTAAGTGCAGCCCACTGTATTGAGCCTGATGTTAAATTAACCATAGTTGCAGGTGAGCAT  
 AACCCGAGAAGAGGGAACATACAGAGCAGAAGCGAAACGTGATTGCGCACTATCTTCAACACAGCTATA  
 ATGCAACTATTAATAAGTACAACCATGACATCGCCCTTCTGGAAGTGGATGAGCCCTTAACGCTGAACAG  
 CTATGTAACACCTATTTGCATTGCTGACAGGGAATACTCGAACATCTTCTCAAATTTGGGTCTGGCTAT  
 GTGAGTGGCTGGGGGAGAGTCTTCAACAAAGGGCGATCGGCTTCAATTCCTCAATACCTTAAAGTTCCAC  
 TTGTTGACCGAGCCACGTGCCTTCGGTCCACGAAGTTCACCATTTATAACAACATGTTCTGTGCTGGCTT  
 CCATGAGGGAGGTAAAGATTGATGCCAGGGCGATAGTGGGGGACCCATGTCAACGAAGTAGAAGGCATA  
 AGTTTCTTAACCTGGGATTATTAGCTGGGGTGAAGAGTGTGCGATGAAAGGGAAGTATGGAATATATACCA  
 AGGTGTCCCGGTATGTCAACTGGATTAAAGAAAAGACGAAGCTCACCTAAAGAAATATGTATTTCCAAGG  
 TTGACACGTTTTAGGGTAGAAAATGGACAAGGTCTTTACTAACTAATCACTTTTTTATCTCTTTAGATT  
 TGCATATATAGTCTCTGATACACTGCTTTTCTCTTCTGGGGAGAAATCTATCTAGAATTCCTATTT  
 TACTAGACTAAGTGAATTAGAAAATGTAATCACTACGGGAATGTACTGTGATGGGACTTGTGACCACCTCC  
 CACAGGTCTAGCCCTTGGCACCATTGTGAGGTTAGGTTATTCCTCCGTCCCGTCAGTGTAAAGTTTCTCC  
 ACTGGGGCAACTCCCTGATTCTCCCTCCTTGGCAGCATTCATGTTCCAGACCTTTCTTACCTTTCCCAT  
 GGAAGATATACATAAAATGTGTTAGATCTACATCCAGGATATTTGATCTAGTTCAAGAACAGTCTAACAC  
 CTCATTGTTAAGGAAGAACACAGGAGCAACTGACAGGTTGCAACTCACCAGAAAACACTATTTCTTTT  
 CTGTATGCTTATTTCTGCTTCTTATCTCTTCTGTTTCTTAATCCTGAAATCAGTGTCTCTCTTTCTCTT  
 TCTCTCTCTCTTTTCTCTACAGAGGTTTAAAGGAGGGAAGGGACACATCATGCTGTTTTACTACTGTCCA  
 CAGTTATACATGCTATCAACACCCAGACTTGCTTTGCTTTGCTTTGACTTGCTTTTTCGGAGCATAGG  
 GATGAAGCCAGGTGCCTGAAGACCTTCAGGAAAATTTGTCTGAAAGAGTCATGTTACTGAAATACATGGC  
 ATCGTGGAAGGAATGACCGACCCATCAGAATACGTCCAATAAGCATTTGTAATTGTGTTGTGATAGAGGT

AACTAAGAAGAGTGACATCAACTCCTGCGTCTCATCCCCATGTGAAAAAAGTGTGAACTAAAAGAGAAC  
 AGCCAGTGTGCAACGTAGAACTAGTAGAGTCTTAAGGAAGAATTCATTGGTGGGTCTCCAGTACTGGCCG  
 GAGCTAAGGAAGAAGTTGCCCTCGACCAAAGAACATGAGCACCCCTGTCTCTTAAACTAGCATGTCCCCAC  
 AGTGGAGAAGGATGTACTGGTGGCTTAAAGGCATGAGTCAGGGGTGTCTGGGTGGCTCAGTGGTTGAGCC  
 TTTGGCTCAGGGCATGATCCAGCGTCTGGGATTGAGTCCCGCATCAGGCTTCTGCAGGGGGCCTGCT  
 TCTCCCTCTGCTTATGTCTCTGCTTCTCTGTGTGTGTGTGTGTGTCTCTCATGAAAAAATAAATAAAAT  
 CTTTAAAAAAGGATAGTTCATTCAGTGAGCCATCTCACTCCCCCTTTCTGGTTTCAGGTTT  
 CTAGGCAACCTTTTGATTATAATTAGGCCTTCCATATTGAATTTCTAAAGAGTTGCTGACCAACCTCT  
 GCATGTACTTTAGTGTGTAGGCTGGCTCCCTTTATGAATTAATAAACTGTTGTTCTGGTTGATACTGTA  
 GCTTTTTGTGAATGTGGCTGATGTGAATCAGTCATCCACATGTTGTTATATATGAGACTACTGACAAAA  
 TCATGTTTGGGACCCTTTGACCTGACCAAGCTGCTGCCCTCACCTCACCCCGAGCCAGGCATTTACTTT  
 AGTCCCTTCAAATATAAGTACCAATAAATGTCTTTTCAAATTTCAAAAAAAAAAAAAAAAAAAAAAAAAA  
 >GBCA0471 |Acc|M55410|Ver|M55410.1 GI:163917|Dog CD3 epsilon subunit mRNA, complete cds.  
 ATAAACGTTAGTTACTATTTTTATCAGGACTCCTGGGACCCCTATCTCACTAATTTCCTTAAAGACAGTA  
 TAATACAGCAGCTCACACAGACTTTTCGGATTAGAAAAACAGTTGTGTGCGGCCTTGGGTAAATTATGTA  
 AGGCAAGCCTCAGTTTGCTCAGCGGTAAACAGGAGAAAGTAATAAGCCACCCGCCTCCGCCATTTTGGGT  
 AGAATAAGGGTGCATCCAGTGAGAGAAGGATGCAGTCGAGGAACCTCTGGAGAATTCTGGGACTCTGTCT  
 CTTATCAGTTGGTGCTTGGGGGAGGACGAGGATTTCAAAGCTTCTGATGACTTGACAAGTATATCTCCA  
 GAGAAACGGTTTAAAGTCTCCATCTCTGGAACCGAGGTAGTGGTGACATGCCCTGATGTTTTTGGATATG  
 ATAATATAAAATGGGAAAAAATGATAACCTTGTGGAAGGTGCTAGTAACAGAGAGCTATCTCAGAAGGA  
 GTTTTCAGAAGTGGACGACAGTGGTTATTATGCCTGCTATGCAGATTCCATAAAGGAGAAGAGCTATCTC  
 TACCTGAGAGCAAGAGTGTGTGCAAACTGCATAGAGGTGAATCTGATGGCAGTGGTCACAATCATGTAG  
 CTGACATCTGCCTTACTCTGGGGTTGCTGCTGATGGTGTATTACTGGAGCAAGACTAGAAAGGCCAATGC  
 CAAGCCTGTGATGAGAGGAACAGGTGCCGGCAGCAGGCCAGGGGACAAAACAAGGAGAAGCCACCCT  
 GTTCCCAATCCAGACTACGAGCCCATCCGGAAGGCCAGCAGGACCTGTATTCTGGCCTGAATCAGAGAG  
 GCATCTGACGGCTCTTGAGGACACGGCCTCCCCAGGGCCAGGTCTTGGTGTCTCCAGGTCTGCTACTC  
 CCAGTACCCTGGGTAAATCTTGAACCCAGAGGAATTATTCTCTGCCTTCTGGAGAACTAACTCCCA  
 GCCTGCAGCCTTATCCCCAGCACCCCTCCAACCCGCCTTCTCTGCTGGCACTTGGTCTGCAATATCACCT  
 CCTCATCATGGCCACTCACCGCCCCCACCAGCCAGACTGCCCTCTGGTCGGGGTATTTATTTCTGTTA  
 CCTGACGCCCCCACCATACCAATTCCTTCTTACCCTTCAGAGGTATCCTTGCTCCCTTCCGTACCCCT  
 CTCCCGGACAGAACCTGCCCCATCCCTTACTATCCCACTACCTTTCCGTTTTTCCAGCTCTCTTTTG  
 GTGACCTCTGTGGGGATGGACTAGGTAACCTCTGGTAGAGGTCTTCCCCATCCATGACCTTGGCCGAGA  
 GCCACCCTCTGCCAGCAGGCCCTGGATGATCATTTCATTCTTACAAATGTGCTAGGCTCCTTGACAGC  
 TAGAGAGAAAAATAAAGTGTATTTGGTTGAAAAA  
 >GBCA0472 |Acc|M17178 J02794|Ver|M17178.1 GI:163904|Dog apolipoprotein C-III mRNA,  
 complete cds.  
 CTCTCAGGAACAGAGGTGCCATGCAGCCCCGGGTCTCTCTCGTGCCTGCTGGCGCTCCTGGCCTC  
 CGCCCGAGCCCTGGAGGAAGAGGACCCCTCCCTCCTGGGCCTTATGCAGGGTTACATGCAGCACGCCACC  
 AAGACGGCCAGGACACGCTGACCAGCGTTCAGGAGTCCCAGGTGGCGCAGCGGGCCAGGGGCTGGATGA  
 CCGATAGCTTCAGTTCCCTGAAAGACTACTGCAGCACGTTTAAAGGGCAAGTTCACTGGGTCTGGGATTC  
 AGCCTCTGAGGCCAAACCAACTCCAGCCTCTGATGCCCTTAGACCTCGAAACCCCAAGTCTTCTGCGA  
 AAGTCATTGAAAAATGAACAACATTCTGACCTCCCACCCCGCCCCAGACCTGGCCCCACCCCTAAGCTCGC  
 TGTCTACCCAATAAAGTTGCCCTTT  
 >GBCA0473 |Acc|M17177 J02794|Ver|M17177.1 GI:163902|Dog apolipoprotein C-II mRNA,  
 complete cds.  
 CAGAGTCGGCTTTCTCAGTGGTCCAGGTCTTCCGAAGCCATGGGTACCCGATACCTCCTGGTTCTGTTC  
 TTGTCCTCTGGTATTGGGATTTGAGGTCCAGGGGGCCCATGAGTCCAGCAAGATGAAACCAAGCTC  
 CGCCCTGCTCAGCCAGATGCAGGAATCACTCTACAGTTACTGGGGCACAGCCAGATCGGCTGCCGAGGAC  
 CTGTACAAGAAGGCATACCCAACCTACCATGGATGAGAAAAATCAGGGACATATACAGCAAAAGCACAGCAG  
 CTGTGAGCACTTACGCAGGGATTTTCACTGACCAGCTACTTTCTATGCTGAAGGGAGACTCGTAACAGCT  
 GAGCCCCGATCGTGGGGGAGGGAGAGTCCAGACCCCACTTCTCAGCACTGTGAGCATCTTGCTCCAG  
 TGCTAGTCTGTCTTCTATAAATAAATACATTTAAAAAGCC  
 >GBCA0474 |Acc|U12687|Ver|U12687.1 GI:533110|Canis familiaris signal peptidase complex 25  
 kDa subunit (SPC25) mRNA, complete cds.  
 AGGAGACGCAGAGACAGAGAAGATGGCGCGCGCTGTGCACAGGGCGGGAGAACTGGTGGTGGCGGAGGC  
 AGTAGTGGGCGCGCGGTGCTTACCTGCGGGTCCGGCAGTGGCCGAGCGGGCTTGTGGACAAGTGGGA  
 AAATTGATGATAAGCCTGTAAAAATTGACAAATGGGATGGATCAGCTGTGAAGAATTCTTTGGATGATTC



TGCCAAAAAGGTA CTCTCTGGAAAAGTACAAGTATGTGGAGAATTTTGGTCTGATTGACGGTCGCCTCACC  
ATCTGTACCATCTCCTGTTTCTTTGCCATAGTGGCATTGATTTGGGATTATATGCATCCCTTTCCAGAAT  
CTAAGCCTGTTTTGGCTTTGTGTGTCATATCTATTTTGTGATGATGGGGATCCTGACCATTTATACCTC  
ATATAAGGAGAAGAGCATCTTTCTTGTGGCCACAGGAAAGATCCTACAGGAATGGATCCTGATGATAT  
TGGCAGCTGTCTCTAGTCTCAAAAGGTTTGTATGACAAATACACTCTGAAGTTGACCTTCATCAGTGGAA  
GAACAAAGCAGCAGCGAGAGGCCGAGTTCACCAAGTCCATTGCTAAGTTTTTTGACCACAGCGGGACACT  
GGTCATGGATGCATACGAGCCTGAAATATCCAGGCTCCATGACAGCCTTGCCACAGAAAGAAAAATAAAA  
TAGCAATTCTAAAAGCAGCCATCTTTGCTGGATCATGCTGAATTTTGGGGTGAGAGAGAAGGAAACAGA  
ACTTAAATGGATAAAGTA  
>GBCA0475 |Acc|L25086|Ver|L25086.1 GI:459747|Canis familiaris Sec61-complex gamma-subunit  
mRNA, complete cds.  
TGAGGAGGCGGCGGCAGGCATCATGGATCAGGTAATGCAGTTCGTTGAGCCAAGCCGGCAGTTTGTGAAG  
GACTCCATTCGGCTGGTTAAAAGATGCACTAAACCTGATCGAAAAGAATTCCAGAAGATTGCCATGGCAA  
CAGCAATAGGATTTGCTATAATGGGATTCATTGGCTTTTTTGTGAAATTGATCCATATCCCTATTAATAA  
CATCATTGTTGGAGGCTGAATACCTTTTTAAAAGAGTCTTTCATCTTGGGGATTGGTGAATAATTGATAC  
GAGAAGCTCATGAAGTAAAAATGTGCCTAATATGTTTCGTGTTTTCTTTGATGTTTTTTTTTGTCTTCC  
AAGATGTTTTGTATTTGTAAATTTAAATAATTTCAAAAT  
>GBCA0476 |Acc|L25052|Ver|L25052.1 GI:459745|Canis familiaris protein translocation  
complex beta subunit mRNA, complete cds.  
GCGGGGCGCTGAGCCAGTTTCTCCGGCCGCGGGCTTTGGAGCACTTCAGCGAGCGCTCGTTCCGGCTCGG  
TGTCAGCGTCGGGCGCCGTCAGCCTGCAGCATGCCTGGTCCGACCCCCAGTGGCACTAACGTGGGCTCG  
TCGGGGCGCTCTCCAGCAAAGCAGTGGCCGCCCCGGGCGGGTCCACGGTCCGGCAGAGAAAAAATG  
CCAGCTGTGGGACAAGGAGCGCAGGTGCGACCACCTCAGCGGGCACTGGGGGCATGTGGCGATTCTACAC  
GGAAGACTCACCTGGGCTCAAGGTTGGCCCTGTTCCAGTATTGGTTATGAGTCTTCTGTTTCATCGCTTCT  
GTATTTATGTTGCACATTTGGGGCAAGTACACTCGTTCATAGATTCCGCTACATCCATCTGTCTGTCTATC  
TGAAGAAGAAGGAAAAAACTCAACATATCTTGGACCAAAGCATAGTGATTTCTGTAGTGAGAAAG  
AAATATTCTGTAGCTTATTGTTTTGCAAGGACTTAACACGAATTGGTTTTCCGGAATCAGTTTTTTCT  
ATGGCTAATAAATTTTTTAATTCATTT  
>GBCA0477 |Acc|U01153|Ver|U01153.1 GI:403496|Canis familiaris GRP94 mRNA, complete cds.  
CCGCGCGGGCTTGTGGTCTGAGCGTCTGATCCCCGGGGTGGGGGGTGGAGGCGGCTCCTACTATCAAAAGG  
GACGTGAGACTCCACCGGCGCGCGCCATGAGGGCCCTGTGGGTGCTGGGCCCTCTGCTGCGTCTGCTG  
ACCTTCGGGTCAGTCCGAGCTGACGATGAAGTCGATGTGGATGGTACAGTGGAAGAGGATCTGGGTAAAA  
GTAGAGAAGGCTCCAGGACAGATGATGAAGTAGTGCAGAGAGAGGAAGAAGCTATTCAGTTGGATGGATT  
AAATGCATCCCAATAAGAGAACTTAGAGAAAAATCAGAAAAATTTGCCTTCCAAGCTGAAGTGAATAGA  
ATGATGAACTTATCATCAATTCATTGTATAAAAAATAAGAGATTTTCTTGAGAGAAGTGAATTTCAAATG  
CTTCTGATGCTTAGATAAGGTTAATATCACTGACTGATGAAAATGCTTTGCTGGAATAGGAGG  
ACTAACTGTCAAAATTAAGTGTGACAAGGAGAAGAATCTGCTACATGTACAGACACTGGTGTGGGAATG  
ACCCGGGAAGAGTTGGTTAAAAACCTTGGTACCATAGCCAAATCTGGAACAAGCGAGTTTTTAACAAAA  
TGACTGAGGCACAAGAGGATGGCCAGTCAACTTCTGAACTGATTGGGCAGTTTGGTGTGCGTTTTCTATTCT  
TGCTTCTTGTGCGCAGATAAGGTTATTGTGCATCAAAACACAACAAGATACCCAGCATATCTGGGAA  
TCTGACTCCAATGAGTTCTCTGTAATFGCTGACCCACGAGGGAACACCCTCGGACGGGGAACAACAATTA  
CACTTGTTTTTAAAAGAAGAAGCATCTGATTACCTTGAATTGGACACAATTAATAATCTCGTCAAGAAATA  
TTCAGAGTTTATAAACTTCCCTATTTATGTGTGGAGCAGCAAGACTGAACTGTTGAGGAGCCCATGGAA  
GAAGAAGAAGCGCAAAAGAAGAAAAAGAGATTCTGATGATGAAGCTGCAGTGGAAGAAGAAGAGGAGG  
AAAAAAACCAAAACCAAAAGTTGAGAAAAGTGTCTGGGATTGGGAGCTTATGAATGACATCAAACC  
AATATGGCAGAGACCATCAAAAGAAGTAGAAGATGACGAATACAAAGCTTTCTACAAATCATTTTCAAAG  
GAAAGTGAATGACCCCATGGCTTATATCCACTTTACTGCTGAAGGGGAAGTCACCTTCAAATCAATTTTAT  
TTGACTCTTTTGGAAAGATTTGGTACCAACATCAAGCTTGGTGTAAATGAAGAGTGAATACATGAAC  
TACGTTGCTAAACTTCTTAGATTCCAGTCATCTCATCATCAAGTGACATAACCAGTCTAGACCAATACG  
TGGAAAGAATGAAGGAGAAGCAAGACAAATCTACTTCATGGCTGGGTCTAGCAGAAAAGAGGCTGAATC  
TTCTCCATTTGTTGAGCGACTTCTGAAAAAGGGCTATGAAGTGATTTATCTCACCAGACCTGTGGACGAA  
TACTGACTTTTGGAAAGATTTGCTGAGTTTGTGGGAAAAGGTTCCAGAATGTTGCCAAAGAAGGTGTGAAT  
TTGATGAAAGTGAGAAAACAAGGAGAGTCTGTAAGCGATTGAGAAAAGATTTGAGCCTCTGCTCAACTG



GATGAAAGATAAAGCTCTCAAGGACAAGATTGAAAAGGCCGTGGTATCTCAGCGTCTGACAGAGTCTCCG  
TGTGCTCTGGTGGCCAGCCAGTATGGATGGTCTGGCAACATGGAGAGAATCATGAAAGCTCAAGCATACC  
AGACGGGCAAGACATCTCTACAAATTACTATGCCAGCCAAAAGAAAACATTTGAAATTAATCCCAGACA  
TCCCCTGATCAAAGACATGCTGCGACGAGTTAAGGAAGATGAAGATGACAAAACGGTATCGGATCTTGCT  
GTGGTTTTTGTGTTGAGACAGCAACGCTGAGATCAGGCTATCTGCTACCAGACACTAAAGCATATGGAGATC  
GAATAGAAAGAATGCTTCGCCTCAGTTTAAACATTGACCCTGATGCAAAGGTGGAAGAAGAACAGAGA  
AGAACCCGAAGAGACAACCGAGGACACCACAGAAGACACAGAGCAGGACGATGAAGAAGAAATGGATGCA  
GGAACAGACGCAAGAACAAGAAACAGTAAAGAAATCTACAGCTGAAAAAGATGAATTATAAATTATAC  
TCTCACCATTTGGAACCTGTGTGGAGAGGGAATGTGAAATTTAAGTCATTTCTTTCGAGAGAGACTTGT  
TTGGATGCTCCCCGACGCCCCCTTCTCCCCTGCACTGTAAATGTTGGGATTGTGGGTACAGAAAGAG  
TGGGTTTTTTTAGTTGAATTTTTTTTTTTTAAACATTCCCTCATGAATGTAAATTTGTACTATTTAACTGACTA  
TTCTTGGTGTAAATCTTGTATGTGTATAAAAAATAAAAAAGATCCCAAAT  
>GBCA0478 |Acc|M76486|Ver|M76486.1 GI:163908|Dog (H+,K+)-ATPase beta-subunit mRNA,  
complete cds.  
CCCGTGTCTGCAGGAGGGGACTCCAGGGGCCGGGACGATGGCAGCACTACAGGAGAAAAAGTCATGCAG  
CCAGCGGATGGAGGAGTTCCAGCGCTACTGCTGGAACCCAGACACGGGGCAGATGCTGGGCGGACACTG  
TCCCCTGGGTGTGGATCAGCCTCTACTACGTAGCCTTCTACGTGGTGATGACTGGAATCTTTGCCCTGT  
GCATTTACACGCTGATGTGCACACTTGACCCATACACGCTGACTACCAAGACCAGCTAAAATCACCAGG  
GGTGACCTTTGAGGCCGATGTCTATGGGGAGAAAGGCCGTGGACATTTCTTACACGTCTCTGACAACAGG  
ACCTGGGTAGACCTTGTGAACATCCTCCACAACCTTCTTGGAAAGGCTACTCGCCACATCCCAGGAGGACA  
ATATCAACTGTACCTCTGAGAAGTACTTCTTTTCCAGGACGTTTTTGGGGCCCCAAATCACACCAAGTTCTC  
CTGCAAGTTTCATGGCAGACATGCTGCAAAACTGCTCAGGCCGTGACAGACCCCACTTCGGCTTTGCAGAA  
GGAAGCCGTGTTTTATTATAAATGAACAGGATCGTGAACCTTCTTCCCAGCAACAGCACAGCGCCCA  
GGGCGGACTGCACCTTCTTGGACCAAGGATGACCGGCCCTGCAAGTGGAAATATTACCCACCCAA  
CGGTACCTTCAGCCTTCGCTATTTCCCTTACTACGGGAAAAAGGCGCAGCCCCACTACAGCAACCCCTCTG  
GTCGCGCGCAAGCTTCTCAATGTCCCGAGAAACACGGAAGTCTCATTGTGTGCAAGATCCTGGCAGATT  
ATGTGACCTTTGACAACCCCATGACCCCTATGAAGGGAAAGTGGAGTTCAAGCTCACCATTACAGCAGTA  
GAGAGCAAGGAGGCTGCACCTGGCCCCCATGACCCCTATGAAGGGAAAGTGGAGTTCAAGCTCACCATT  
CAGCAGTAGAGAGCAAGGAGGCTGCACCTGGCTGCCACCCCTGCCATCCCTGTACTCCTCCTAGCT  
GCCCCGTCGACATGCTGCAAAACTGCTCAGGCCTGACAGACCCCACTTCGGCTTTCGAGAAGGAAAGCCG  
TGTTTTATTATTAAATGAACAGGATCGTGAACCTTCT  
>GBCA0479 |Acc|L23429|Ver|L23429.1 GI:437330|Canis beta-galactosides-binding lectin  
(LGALS3) mRNA, 3'end.  
TCTGGGTCTGGAAACCCAAACCCTCAAGGATGGCCTGGTCCATGGGGAAACCAGCCTGCTGGAGCAGGGG  
GCTACCCAGGGGCTCCTATCCTGGTGCTACCTTGGCCAGGCACCAACCCGGCGGCTACCTTGGCCAGGC  
ACCTCCCGGTGGCTACCTTGGCCAGGCACCTCCCGGCGGCTACCTTGGCCAGGCACCAACCCGGCGGCTAC  
CCTGGCCAGGCACCTCCCGGTGGCTACCTTGGCCAGGCACCTCCCGGCGGCTACCTTGGCCAGGCAGCCTC  
CTGGCACCTACCTTGGCCCCACAGCACCTGCTTATCCTGGCCCAACAGCACCAGGAACCAACCCGGGCA  
ACCGAGTGGCCCTGGGGCCTACCCGCTCCTGGACAACCAAGCGCTCCGGGAGCCTACCTTGGCGCTGGT  
CCCTTTGGCATCCCTGCTGGACCACTGACTGTGCTTATGACCTACCTTTGCTTGGAGGAGTCAAGCCTC  
GCATGCTGATAACAATTCTGGGCACAGTAAGGCCAGTGCAACAGACTTGCTCTAGATTTCAAGAGAGG  
GAATGATGTTGCCTTCCACTTTAACCCACGCTTCAATGAAGACAACAAGAGAGTCATGTTTGCAATACC  
AAGCTGGATAATATCTGGGGAAAGGAAGAAAGGCAGGCAGCTTTTCCATTGAAAGTGGTAAACCATTCA  
AAATAAAGTGCTGGTTGAATCTGACCACTTCAAGGTTGCGGTCAATGATGCCCATTTGTTGCAGTACAA  
TCATCGGATGAAAAATCTCCCGGAAATCAGCAAACCTGGGAATTTCTGGTGACATAGATCTCACCAGTGCT  
TCATATGCTATGATATAATCTTAAGGAGAAGATTTAAAAAAGAGAATTGAATATTCATTTAACTTA  
CACATGTAAACTTCATGTTTCGACTGAAAAATTTACCTTTATTCATCACTATCCTTCTGTAAATCATC  
CATTTAATAAACATTCTAAAGAGTT

>GBCA0480 |Acc|L19740|Ver|L19740.1 GI:304651|Canis familiaris Kv1.2 delayed rectifier K+ channel mRNA, complete cds.

CCAGCCCCAATTATGACAGTGGCTACCGGAGAGCCAGCGGACGAGGCTGCCGCCCTCCCCGGGCACCCGC  
AGGACACCTACGACCCCGAGGCAGACCATGAGTGCTGCGAGAGGGTGGTCACCAACATCTCGGGGCTGCG  
TTTCGAGACCCAGCTCAAGACCTTAGCCAGTTTCCGGAGACCCTCTTAGGGGACCCCAAGAAGCGGATG  
AGGTTCTTTGACCCCTCCGAAACGAGATCTTTTCGTACGGAACCGCCCGAGCTTTGATGCCATTTTGT  
ACTACTACCAGTCCGGGGGCCGCTGAGACGGCCTGTGAACGTGCCCTTAGACATTTTCTCCGAAGAAAT  
TCGGTTTACGAGTTGGGAGAAGAAGCGATGGAGATGTTTCGGGAAGATGAAGGCTACATCAAGGAGGAA  
GAGCGTCTCTGCCCCAAAATGAGTTTCAGAGGCAAGTGTGGCTTCTCTTTGAATACCCAGAGAGCTCTG  
GACCTGCCAGGATCATAGCTATCGTATCTGTCATGGTGATCCTGATCTCGATTGTGAGCTTCTGCCTGGA  
AACCTTGGCCATATTCGGGATGAGAACGAGGACATGCACGGTGGCGGGGTGACCTTCCACACCTACTCC  
AACAGCACAATCGGGTACCAGCAGTCAACTTCCTTCACCGACCCCTTCTTCATCGTAGAAACCTCTGCA  
TCATCTGGTTCTCGTTTGAATTCCTTAGTGAGGTTCTTTGCCCTGTCCCAGCAAAGCCGGCTTCTTCACTAA  
CATCATGAACATCATTTGACATTGTGGCCATCATTCCTACTTCATCACCTTGGGGACGGAGCTGGCTGAG  
AAGCCAGAGGATGCCAGCAAGGCCAGCAGGCCATGTCACTGGCCATCCTCCGTGTCTATCCGTTGGTAA  
GAGTCTTTAGGATTTTCAAGTTGTCTAGACACTCCAAAGGTCTCCAGATTCTAGGTGAGACCTCAAAGC  
CAGCATGAGAGAATTGGGCCTCCTAATATTCTTCTCTTCATTGGGGTCATCCTTTTCTCTAGTGCTGTC  
TATTTGCGCAGAGGCCGATGAGCGAGAGTCCAGTTCCCGAGCATCCCGGATGCCTTCTGGTGGGCAGTCG  
TCTCCATGACAACCTGTAGGCTATGGAGACATGGTTCCAACCTACCATTGGGGGAAAGATCGTGGGTTCCCT  
GTGTGCAATTGCAGGTGTGTTAACCATTGCCTTACCGGTCCCCGTATAGTGTCCAACCTCAACTACTTC  
TACCACCGGGAGACGGAGGGGGAGGAGCAGGCCAGTACCTGCAAGTGACGAGCTGCCAAAGATCCCAT  
CCTCCCTGACCTGAAGAAAAGTAGAAGTGCCCTTACCATTAGTAAGTCTGATTACATGGAGATCCAGGA  
GGGAGTAAACAACAGTAACGAGGACTTTAGAGAGGAAAACCTTGAACGCGCAACTGCACCTTGGCTAAT  
ACAACTATGTGAATATTACCAAAATGTTAACTGATGTCTGATTGAAACCTATTAACTGACTCTCAGCTC  
CATGGAACATAATGCAGATACTGCATAATAGCCTGCATTGTAGTAACATGTTCTACAGTGTGTATCTGGTT  
CTGCAATGGAAAGCAATAGTCGTGCAAGTGACTTTTGATCTTTTGCAATTTTGAATTTAGAACACAGAATAT  
CTATCCATGGCTTTTCATGCAATCTTCATACCGGCTTAGGGTTTCAACAGGGAGTCACAGTGAGCAGA

>GBCA0508 |Acc|AY262732|Ver|AY262732.1 GI:30172035|Canis familiaris 18S ribosomal RNA gene, partial sequence.

TGGTTGATCCTGCCAGTAGCATATGCTTGTCTCAAAGATTAAGCCATGCATGTCTAAGTACGCACGGCCG  
GTACAGTGAAACTGCGAATGGCTCAT

# TABLE 37

name database description

GBEV0001 GenBank Acc|NC\_001491 REGION:  
complement(31519..32916)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0002 GenBank Acc|NC\_001491 REGION:  
82083..83027|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1,  
complete genome.

GBEV0003 GenBank Acc|NC\_001491 REGION:  
complement(join(83148..84319,87885..88917))|Ver|NC\_001491.1  
GI:9626737|Equine herpesvirus 1, complete genome.

GBEV0004 GenBank Acc|NC\_001491 REGION:  
77703..81833|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1,  
complete genome.

GBEV0005 GenBank Acc|NC\_001491 REGION:  
complement(6011..7042)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0006 GenBank Acc|NC\_001491 REGION:  
complement(23029..24234)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0007 GenBank Acc|NC\_001491 REGION:  
complement(20487..21146)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0008 GenBank Acc|NC\_001491 REGION:  
complement(47403..48230)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0009 GenBank Acc|NC\_001491 REGION:  
48763..50625|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1,  
complete genome.

GBEV0010 GenBank Acc|NC\_001491 REGION:  
59243..61570|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1,  
complete genome.

GBEV0011 GenBank Acc|NC\_001491 REGION:  
complement(67212..68975)|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

GBEV0012 GenBank Acc|NC\_001491 REGION:  
122861..123571|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1,  
complete genome.

GBEV0013 GenBank Acc|NC\_001650 REGION:  
70055..74200|Ver|NC\_001650.1 GI:9628002|Equine herpesvirus 2,  
complete genome.

GBEV0014 GenBank Acc|NC\_001650 REGION:  
74258..75160|Ver|NC\_001650.1 GI:9628002|Equine herpesvirus 2,  
complete genome.

GBEV0015 GenBank Acc|NC\_001650 REGION:  
complement(119327..120343)|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.

GBEV0016 GenBank Acc|NC\_001650 REGION:  
complement(134764..135303)|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.

GBEV0017 GenBank Acc|NC\_001650 REGION:  
complement(91186..92982)|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.

GBEV0018 GenBank Acc|NC\_001650 REGION:  
complement(155087..159124)|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.

GBEV0019 GenBank Acc|AF514779|Ver|AF514779.1  
GI:22087525|Equine herpesvirus 3 DNA polymerase gene, partial cds.

GBEV0020 GenBank Acc|AF514778|Ver|AF514778.1  
GI:22087522|Equine herpesvirus 3 putative DNA packaging protein  
gene, partial cds.

GBEV0021 GenBank Acc|AF081188|Ver|AF081188.1 GI:3415100|Equine  
herpesvirus 3 glycoprotein G precursor, gene, complete cds.

GBEV0022 GenBank Acc|NC\_001844 REGION:  
90699..92396|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0023 GenBank Acc|NC\_001844 REGION:  
complement(92681..94033)|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

GBEV0024 GenBank Acc|NC\_001844 REGION:  
complement(107637..108296)|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

GBEV0025 GenBank Acc|NC\_001844 REGION:  
127455..129707|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0026 GenBank Acc|NC\_001844 REGION:  
129798..131006|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0027 GenBank Acc|NC\_001844 REGION:  
131111..132373|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0028 GenBank Acc|NC\_001844 REGION:  
132593..134239|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0029 GenBank Acc|NC\_001844 REGION:  
77301..81428|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0030 GenBank Acc|NC\_001844 REGION:  
complement(99648..101891)|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

GBEV0031 GenBank Acc|NC\_001844 REGION:  
complement(join(82703..83875,87438..88469))|Ver|NC\_001844.1  
GI:9629732|Equine herpesvirus 4, complete genome.

GBEV0032 GenBank Acc|NC\_001844 REGION:  
134911..135573|Ver|NC\_001844.1 GI:9629732|Equine herpesvirus 4,  
complete genome.

GBEV0033 GenBank Acc|NC\_001844 REGION:  
complement(135917..136603)|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

GBEV0034 GenBank Acc|AF495531|Ver|AF495531.1  
GI:20270987|Equine herpesvirus 5 putative DNA terminase gene,  
partial cds.

GBEV0035 GenBank Acc|AF050671|Ver|AF050671.1 GI:2944434|Equine  
herpesvirus 5 glycoprotein B (gB) gene, complete cds.

GBEV0036 GenBank Acc|AF141886|Ver|AF141886.1 GI:4809205|Equine  
herpesvirus 5 DNA-dependent DNA polymerase gene, partial cds.

GBEV0037 GenBank Acc|L01473|Ver|L01473.1 GI:330921|Equine  
herpesvirus type 5 repeat region.

GBEV0038 GenBank Acc|D85905|Ver|D85905.1 GI:1389626|Equine  
herpesvirus DNA for glycoprotine G, complete cds..

GBEV0039 GenBank Acc|U49404 REGION: <1..947|Ver|U49404.1  
GI:1224109|Equine morbillivirus P protein gene, partial cds, and  
matrix protein and fusion protein genes, complete cds.

GBEV0040 GenBank Acc|U49404 REGION: 1494..2555|Ver|U49404.1  
GI:1224109|Equine morbillivirus P protein gene, partial cds, and  
matrix protein and fusion protein genes, complete cds.

GBEV0041 GenBank Acc|U49404 REGION: 3025..4665|Ver|U49404.1  
GI:1224109|Equine morbillivirus P protein gene, partial cds, and  
matrix protein and fusion protein genes, complete cds.

GBEV0042 GenBank Acc|AF113004|Ver|AF113004.1  
GI:7328983|Neospora hughesi SAG1 precursor (SAG1) gene, complete  
cds.

GBEV0043 GenBank Acc|AF158089|Ver|AF158089.1  
GI:6690531|Neospora hughesi SAG1-related sequence 2 (SRS2) gene,  
complete cds.

GBEV0044 GenBank Acc|AF038859|Ver|AF038859.1  
GI:3779228|Neospora hughesi strain NE1 internal transcribed spacer  
1, complete sequence.

GBEV0045 GenBank Acc|AY191008|Ver|AY191008.1  
GI:28394725|Sarcocystis neurona surface antigen 4 (SAG4) mRNA,  
complete cds.

GBEV0046 GenBank Acc|AY191007|Ver|AY191007.1  
GI:28394723|Sarcocystis neurona surface antigen 3 (SAG3) mRNA,  
complete cds.

GBEV0047 GenBank Acc|AY191006|Ver|AY191006.1  
GI:28394721|Sarcocystis neurona surface antigen 2 (SAG2) mRNA,  
complete cds.

GBEV0048 GenBank Acc|AY165000|Ver|AY165000.1  
GI:27469347|Sarcocystis neurona RNA polymerase beta subunit (rpoB)  
gene, partial cds.

GBEV0049 GenBank Acc|AF532594|Ver|AF532594.1  
GI:22347778|Sarcocystis neurona microneme antigen 10 (MIC10) mRNA,  
complete cds.

GBEV0050 GenBank Acc|AF401682|Ver|AF401682.1  
GI:15290644|Sarcocystis neurona merozoite surface antigen SAG1  
(SAG1) gene, complete cds.



GBEV0051 GenBank Acc|AY032845|Ver|AY032845.1  
GI:13936364|Sarcocystis neurona surface antigen 1 (SAG1) mRNA,  
complete cds.

GBEV0052 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|97..465

GBEV0053 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|466..741

GBEV0054 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|742..966

GBEV0055 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|967..2469

GBEV0056 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|2470..3525

GBEV0057 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|3526..4218

GBEV0058 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|4219..4611

GBEV0059 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|4612..6468

GBEV0060 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|6469..6915

GBEV0061 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|6916..7680

GBEV0062 GenBank Acc|AF260967|Ver|AF260967.1 GI:9930133|West  
Nile virus strain NY99-eqhs, complete genome.|7681..10395

# TABLE 38

>GBEV0001 |Acc|NC\_001491 REGION: complement(31519..32916)|Ver|NC\_001491.1 GI:9626737  
|Equine herpesvirus 1, complete genome.  
ATGAATCTAGGGGGCAACAGATTTGTGCAAATCGGAAATGGCATGAGCAACATTATGTATACGGACGCAA  
ATGGAGCCGTAGGTGGGAACAGATCTCCCAACCGGCTGGATTTCCCAAGCAACAGCGCGGACGTGGACG  
TGGACATGTAGCGTTTGGACTCCCAACACGCTGGACTGGCTCCCGGATTTGTCCAGGCCACCCCAAT  
AGTATAACGATCAGCAACATGGGCGGCATCCAGATTTTCATCTGCGGGTGTGATAACGGCGGCCATCAACT  
CAGAGCAAACTCGTGGATGCTTTCAAGCTTTAAGCCATCGCTGAAGCTTACACGTACAGTTACGCTTAC  
CGACTTTTGGCAGCCCAACAGCAGAGCGGCCCGGACTTCCGATAATCCGCCTCCGCCACCACTCGATGCC  
ATTGGATCGTCACCATCAAGCACCCCAACCGGGCGCAATCCGCAGGAGTTGGACGAGGCTTGGGCCGCGC  
TGTCGGAAGTGTAGTGTCCGCTCGCTCGGATACGACGGGGCTGCGACCCCTCGTTGCTTTCTTTGACGTT  
TTTGGTGGCATCCCGCTCGGGGGAGTACTCTGACAAGGCCGCTGCGGAAGCCGTTAGGGCGCACGTA  
GCCAACTACCGTGACCGTAGAACGGAACAGCGCTTAGACAGGTTTGGGGAATATTGTCAGGCGATGTC  
GAACCCACGTCTTTCTCATAAACACATGACGGTATTTGGAGGCCCTTATCTCCACGTGATTACAGACAA  
GCTCGCCAGCCTACCGCTGTTGCTGGGGGTGTGCAAGAGGGTGCACGACCAACAACCTCGGCGGTACCC  
AGGTCTAGCGTTTACGTGCCGCGGTGTGCGTTTCTGGATGTGGATCACGAGCTGAACTGGGCGACGCGA  
GCGCAAAGTTTGTTCATTAATTTGTGTACAGCCAGCGGTTACGCCGGGAGGGAGTGAGGGTGTACGT  
GGCGGTGAGCAAGTTTGTAGAGGTGGCCTTCGAGGATGACGTACGCTTTCTGTTTACAAAGCCCGCACC  
GAGAGCGCCATCAGAGGAACGGAGGGAGCGGACGCGCAGAGCCGACCCAAACGCGCCCTCCCGCTCC  
AGGAAGTGTCAAGCAGTCGGTGTGAGCCGCGGTGCCCGCTTCGCGTCTAAACAACAGAGAATTTACCAA  
CGCGTTGTACAGTGGGCACCAAGCTGCGGGGTGCGCCAAACAGAACCTCGTGTATGTATGCCGCTAT  
ATTCCGCTGGGGGCCATAGCCTCAGACTCCCCAGAACACACGCGGTAGCGAGAGATTGGCAGCGTGG  
ATATGCCCGTGGTTTGGCTGGAAATGTACGGTGGGACCCACAGGATTGGGTGAGTGCAGTTACTAA  
>GBEV0002 |Acc|NC\_001491 REGION: 82083..83027|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.  
ATGGCGAGTGGCGCCTTTGAGATTGACATCCTACTGCCCAGTGACCTATCTCCCGCTGACCTGTCTAGCTC  
TTCAAAAATGCGAGGGTAAGCTTGTGTTTTGACCGCTCTGCGTCTGCGGTGATGCTCTCCAGCGTCAC  
CCTCTCGTCACTATGTCAACGGCGCACCCCGGACACGCTATCCCTGATGGCGGCGTTTCGTAGGCGT  
TTTCCCGCTATAATACAGCGCGTGTGCCCAACAAAATGATAGCCGCCGCCCTGGGAGTCCGACCGCTTC  
CTCCCGGGCGTTTCATACAGAACACAGGCCCGTTTGACCTGTGCAACGGGGACTCTGTGTGCGCGCTGCC  
TCCCATTTTGGACGTGGAGGACAAGCTGCGCCTAGGATCTGTGGGCGAGGAAATACTATTTCCGCTGACC  
GTTCCACTCGCGCAAGCGCGCGAACTCATCGCGCGGCTGGTAGCGCGCGGTCGAGGCTCTCACCCCAA  
ACGCCAGGCCAGCGCGGAGCGGAGGTGATGTTTTACAAACGAGACGAAAGTACAACGTGACCCCGGATCT  
CAGACACCGAGACGCGCTTAACGGCGTGGCGCGGTCTCTGGTGCTAAACATGATTTTGGCATGAACGAG  
GGATCGCTTGTGTGCTCTCGCTGATACCAACCTGCTCACCTGGGAACCCAGGACGGATTTGTGAACG  
CCATAATCCAGATGGGAAGCGCCACCCGTGAGGTGGCCAGCTCGTCCACCAGCAGCCCGTGGCCCAACC  
GCAGGACGGCGCTCGCGCTTTTGTGTACGAGCTCTGATGTATGGATCAGCGTTGCTCGCGCTTT  
GGTGACGTGGTCCGTGGGAAACCTTGGTGCGGATCTGTACGTTCGAGGGCCAGGCTACGATTTCCCGCG  
GCGAGAAGGCCCTGTCAATCAAACGCTTTGTAA  
>GBEV0003 |Acc|NC\_001491 REGION: complement(join(83148..84319,87885..88917))|Ver|NC\_  
001491.1 GI:9626737|Equine herpesvirus 1, complete genome.  
ATGTTTGGTAGGGTGTGGGAGGGAGACCGTCCAGTATTTTGAAGCGCTGCGGCGAGAGGTCCAAGCGC  
GTCGAGGGGCCAAAAACAGAGCCGCGGAAGCTCAAAATGGTGGAGAGGATGATGCGAAAACGGCCTTTCT  
CAACTTTGCGATTCTACTCCCCAGCGCCACAGACCGTCTGTTCTGGGGTAGGGACGTTACACGACTGC  
TGCGAGACCGCGCAAAATTTGCTTCTGTGGCTAGGAGGCTGCTGTTTAGAAGCCTGTCAAAATGGCAGA  
GCGGAGAGGCGAGAGAACGGTTAGACCCGGCCTCCGTGGAGGCTTATGTGGACCCCAAGGTGCGACAGGC  
TCTTAAGACTATCTCTTTGTGAGTACAGCGACGATGAGGCGCGCTCGTGTAGAAACGCGTACTACAGT  
ATCATGAACACCTTCGACGCTCTCCGCTCCTCAGACGCTTTTACCAAGTAGCCAGCTTTGTGGCGCGCT  
TCAGTTCGCTGGTGACACCTCTTTTACGAGCGGACCTAGACGGGGACGGCCAAACAGGCAAGCAGCG  
GGCCAGGGTGGACGTTCCACCTACGGGAAGCAGCGCGGACTCTGGAGCTATTTCAAAGATGATTCTC  
ATGCACGCTACATACTTTATAGCTGCAGTCATCTGGGGGACCATGCTGACCGTATAGGGGCGTTTCTAA  
AGATGGTGTTTAACACCCCGGAGTTTCTGACGCAACAATCCGCCATTTTCGGCAACGCGGACTGTATT  
CTTGGTTCCGCGACGTCATGAAAAACCTGGTTTGTGGTGGCTGATAGCTCTGGCGCTAGCGACCTTC  
AAGGGGATTAAGATCGGATATACGGCCACATACGCAAGGCCACCGAACCAGGTTTGTGATGAGATAGGCG  
CGAGGCTCCGCCAGTGGTTCGGGAACCTCTCAGTAGATCACGTCAAAGGGGAAATATATCATTTCTCCTT  
TCCCGACGGATCGAAAAGCACAATCGTGTTCGCATCTAGTCACAACACCAACGGGATTTCGGGCCAGGAC  
TTTAACCTGCTATTTGTGGACGAGGCAACTTTATACGCCCGGAAGCGGTGCAAAACGATTATAGGCTTTC  
TGAACCAGACCAACTGCAAGATCATCTTCGTGTCTCCACCAACACGGGCAAGGCCAGTACCAGCTTTTT

ATATAACCTAAAGGGGGCGGCAGACGACCTGCTGAACGTAGTCACTTACATATGCGACGAGCACATGGAG  
CGCGTAAAGGGCGCACACAAACGCCACGGCGTGCCTGCTACATTTTAAACAAGCCCGTTTTTCATAACAA  
TGGACGGGGCCATGCGTAACACAGCGGAGCTATTTTTACCGGACTCGTTTATGCAGGAGATAATTGGTGG  
AGGAAACGTGTCTGGAGCACATCGAGATGAGCCCGTTTTTACAAAAACTGCTCAAGACCGTTTTCTTGTG  
TACAGACCTTCTACTGTCGCTAATCAAGATATTATGTCCAGCGACCTTTACGTATACGTGGATCCTGCGT  
TTACTACAAATGCTATGGCTTCAGGAACCGGTGTGGCTGTAGTCGGCCGCTATCGCTCAAACCTGGGTCGT  
GTTCCGGCATGGAGCACTTTTTCTGAGCGCCCTTACGGGGAGTTCCGCGGAGCTGATAGCTAGGTGTGT  
GCCAGTGCTGGCGCAGGTTTTTCGCCATTACAAACGCCCTTTGACTCAGTTCGAGTTGCGGTAGAGG  
GTAACAGTAGCCAAGACGCTGCAGTCGCCATCGCAACAAACATTTCAGCTGGAGCTCAACACGCTACGCCG  
TGCCGACGTGGTGCCCATGCCCGGGGCGGTGCTGTTTTATCATTGCACGCCCATGGAAGCTCAGTGGCC  
TACCCGTTTTTCTACTCCAGAAACAGAAAACGGGGCCCTTCGACCATTATCAAAGCGTTCAACTCCG  
GCTCGGTGCTGCTTCGAGGAGCTAGTATCAAATACGGTGCCTGCAACAGACCCGGTGGAGTACCT  
GCTGACGCAAAATGAAAACTTAACCGAGGTGGTTACCGGAACCTCCGAACTAGAGTGTTCACCGGTAAA  
CGCAACGGCGCGTTCGGACGATATGTTGGTGGCCCTGGTGATGGCCGTTTTATTTGTCCAGCCTCCCGCCAA  
CCAGCGATGCGTTTTCCAGTCTCCCCGCGCAGTGA  
>GBEV0004 |Acc|NC\_001491 REGION: 77703..81833|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.  
ATGGACCGGCGCTCAGAGGCGTTCAAATTCGGGTACCAGAAGTAATCCCCGCCGGACAGATTCTATCAA  
CTATAGAAGTGTGCTCCACCGCACTCTATTTGACTTTTTCAAGCAGATTTCGCTCGGACGATAATGGCCT  
TTATGCAGCGCAGTTTTCAGCTGCTACTCGGAACGTATTGTAACACGCTAACGCTGGTGCGCTTCTTGGAA  
CTAGGATTATCCGTATCGTGCGTGTGCACCAAGTTTTCCAGAGCTTAACTACGTTAATGATGGCACCATCC  
AATTTGAAGTGCAGCAGCCGATGATAGCTCGGGACGGACCCACCCCTGTGGATCAGCCACCCACACCTA  
CATGATGAAGCACATCGAGCAGCGATCTCTGAGCGCGGCCCTTGTCTATCGCGGCAGAGGCCCTGGGCCCT  
ATCGGGGGCCAAACCCCTAGACGGTACGCAGATCTCATCTCCCTGCGGGTGAGGGCTATACAGCAGCTGG  
CCAGAAACGTGCAGACGGTGTAGACTCGTTTTCGAGCGCGGAACCGCCGATCAACTTTTGGTGTGTTTTGCT  
GGAGAAGGCCCCCGCTGACCCCTTTGGCTCCCCTGCAGATTTACCGCGATGAGGGACGCGCTTGGCGTCT  
CGAGTCAATCGCGCCGTGCTGGTCTCAGAGCTCAAGCGCGAGTGATAGAAGACACCTTCTTTCTCACC  
AGCACGAGCGTAACAGAAAGGAGCTGGTGGTAGCCCGCTGGCTGAGCTGGTTAACTGTACGGCCCCCTC  
CGTCGCCGTTACTAGAATGACTCATTTCGGACACAAAGGGAAGACCCGTGGACGGTGTAGTCGTTTAACT  
GCTGGCGTGCAGCGCCTCTTACAGGGGATTCTAACTCTGGAGGATATGGCCGCCGATGTTCCGGTTA  
CGTACGGCGAGATGATGATTACCGGCACAAACCTAGTTACTGCTCTTGTAATGGGCAAGGCCGTGAGAAA  
CCTGGACGACGTAGCCCACTTGTGGGGATGCAGCGTGATCAGGTGAGGGCGAACGAAAAAATTTAT  
AAAGACTACGAGGATGTGCCAGCACGGCGCGAGTACGTGCCGACCTAGTTCTCGTGGGGGACCGCCTAG  
TCTTTCTGGAGGCCCTGGAAAAGCGCGTGTACAGGGCGACCAACGTTCCGTACCCGCTTGTGGAAATTT  
AGATTTGACGTTTATCATTCCCCTGGGCATCTTCAAGCCGGCCACCGACCGGTATTCGCGCCACGCAAG  
AGCTTTACGGCAACCCCGGACGAGCCAGCCCTACCCACCCCAACCGTTTACTTTTTTCAACA  
AGGACGGTAATCTCGTACAGCTATCCTTTGACAGCGCCGCGGGGACCGTGTGCCACAGCTCGTTTTTGA  
TGTGGATTCTGTGCTGGTGGCCATCCGACGAGAACCCACGAGCTTCACTGCGCGTTTGGGGCATACGTG  
ACCCACCCCGAGCCGCACTCTGCTTGACCAGATGAGAAGGTTTTTTGAGCGCTGGCATATGCTCATGC  
CAGCGCGACCCCGCTGGACCGCGGAGGCGCTAATGACCATCGACCAACTTCTTTTCGCCAGGCAACGCAAA  
CCTGCGCCTGGAACCTTACCCCGCATTTGATTTTTTCGTTGCCCGGCGGATGTGCTCATTCCAGGTCCG  
TTTGACATGCCGAACGTATGCCCACTGTGATGGCCATGCCACGCTCATCAACGGTAACATCCCCCTCC  
CCCTATGTCCTGTGGAATTTTCGCGACAGTCGGGGCTTCAACTGAGCGTGGATAGACACAGGCTCAACCC  
GGCGACGTTTTTGGCAGTGCGTGGTGCCTTCAGAGACGCCAACTACCCCATGGTGTGTTTACATCCTCGAG  
GCGGTGATTACGGTAGCGAACGCACGTTCTGCGCGCTAGCCAGACTTATAATTCAGTGTATCGTCAGTT  
ACTGGAGAAACACCCACAGGTGGCGTTTTGTCAACAACCTTTTACATGATCATGTACATAAACGCCTACCT  
AGGAAACGGCGAGCTGCCAGAGGAGTGCACGGCTATCTACCGGACCTTCTGGAGCACGTCCAGGCTCTC  
AGCGGCTAGTAGCGAGTACACCGTTCCCGGAGACCGGTGGCGGGCCAGGGACACGACGCGCTGCAACA  
ATGTGCTGCTCGATCCGGCCCTGCTACCGCTCTCATCTGGGACTGCGACCCGATTTTGCACAGGGCCGA  
CATGGGCAGGGCCAGGGCTCAGGAGCTATGGTGGATGGGGTGGACTACGCCGCCATTCCTTGGGTGGAG  
ATGGCCGAAGTTAACTTTGGAAACACCGCGGCCATTTGGTGCACAACAGGCCCATTCGAGGAGAGAACA  
AGAGAAACCCGATTGTACTTACCTACACGACCCAGAGTGGTGGTGTCTATCCAAGATATACTACTACTCGGT  
GGTGCCTGCATTCTCGCGCGGTAACGTGCTGTACCATGGGAGTACGGTACGACCGCGTATACCCGCTCGTT  
CAGACAGTTGTTATCCAGACTTGGGGGCGGAGGAAATGCCCAACAGCCCGAGCGACCCGCGCCATC  
CGCTGAACCCACGCCACCTAGTGCCAAACACTCTAAACATCTTGTTCACAACGCCAGAGTGGCCGTGCA  
CACCAGCCCTGCTGCTACTCAGGAGGTAGTCAACACATGGCGGAGCGCACTACTCCCGTGTGGCA  
ACCGCCGCGCGGACGCGGGAACCGCCACCGCGTAACCTAGGAAATGCGCACTTTTCGACGGAACCCCTCC

ACCACGGCATTTTGATGATGGCCTACCAGCGTAACGACGAAACTCTTTTGGAGGGCACCTTCTTTTACCC  
CGCCCCTGTCAACGCTCTCTTTGCCTGCCCCGAGCACTTGGGGGCTCTTCCCGGCTTAACGCAGAAGTC  
TTGGAGGCCGCTAGGGATGTGCCCCAGTTCCCACTTTTTCGGTGGAATTAACGCTACAGTCAGAC  
AACCCGTGGCGCAGCACGCCGTACAGAGCCGCGCGGATGAGAACACGCTAACGTACGCGCTGATGGCGGG  
GTACTTCAAACTCGGGCCAATAGCCCTGTCCCATCAGTTTGCCACTGGGTTCACCCAGGGTTCGCCCTT  
ACCGTTGTGCGCCAGGACAGGTTTCTCACGGAGAATCCTCTTTGCCGAGAAGCGCTCTGAATCGTACT  
TTATGGGCCAGCTACAGGTGAACGCCACGAGGCGGTGGGGGGGTAACTTTGTTCTCACCCAGCCACG  
TGCTAACGTGGACTTGGGGGTGGGCTTCACCGCCGCTACGACGCGCCGCACTACGCACGCCCCGTACA  
GACATGGGAAATCTGCCACAAAACCTGTATCTGACACGCGGTACTATACCCATGCTGGACGGAGACGCGG  
ATGCGTACCTGCGCGCGGTGGTCAACACCGGGAATCGCCTTGGGCCCCAGGGCCCAAGGCCAATCTTTGG  
GCAGCTGATGCCGCCACGCCGCGGGCGGTGCCCCAGGCCAGGCCGCGTGTGAATTTATCGTCACG  
CCGGTGTCTGCGGACTTAAATTATTTTAGCGGCCATGCAACCCAGAGGAAGGAGCGCGGGCCCGTGT  
ACGCGTGCGATGGAGAGGCCGACGCACTGACGCTTATGTACGACCACTCAGGGAGATCCGGCCTACCC  
GAGCCGCGCCACCGTTAACCCGTGGGCATCCCAGCGCAACTCTTACGGCGATAGATTGTATAACGGCAAG  
TATAACCTGAACGGGGCATCCCCGGTGTACAGTCCATGCTTTAAGTTTTCACACCCACCGAAGTGAAG  
CCAAGGGCGTAATATGACACAGCTCATAGCCGATGTCGTTGCCAGCGTCGCCCCAGCACGTTCAACAC  
CGAAATCCAGTTTAAACGCCCCCCACGGCTCGACGGACCTGGTGAAGACCGGTGTTTCGCTGTTTCAAGAA  
GCGTATCCTCTACTCAGCTCTACGGACACGGCCCTGCTCCGCACGCCTCACATCGGTGAAATCGGCGCTG  
ATGAGGGACATTTGCTCAGTACCTAATTCGCGACGAATCCCCGCTAAAAGGCTGTTTCCGCGAATTTA  
G

>GBEV0005 |Acc|NC\_001491 REGION: complement(6011..7042)|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1, complete genome.

ATGTTACTCGGTGGTAGAACGGCATACTATCTGTACTGGGCCTTATCACCGCCTATGCCGCGTTTACCA  
TCTGGTATACCTCACCGCCAGCTGCACAACCCCTGCGTGTACGCTACAGTTTCCATAGACTCTAAGGA  
TGGGATTGCTGCCAAGTGGGAAGTATACAACTCCACTATAGTGTATGCGTACCCAGAAAATGGAGCGAAG  
CGATTACGCGACGGCCTGTCTGGATTGACTACGTCTGCAGGGAGAAGTGGGTAAACGAGTCCAAGCTCG  
ACGTCCTGAAGAATGAAGGAGCTGCACGACAAAGTGCGAATAGTGGTTGGCACTCGCAACTGTAGGGC  
TTACCTGTGGAGCGTGCAGCTGCAGATGATTACCGGGCGTGGCTTATCTACATTGCGTTTTTGTGTTTG  
CGTCAAGAGCGCCGCTTGTGTTGACCCCTTTAGAAACCAAACGAGTTCTTATCGCCGACTGGCTACACCT  
TCAACTATGCTACCTATACGCTTGTACACCGTGTCTAAAACGCACTACACAAAGTTTGTCTGTCTGCT  
GTGCGAAGCGTCTCTGCGCCGCGTGGCTCTAAGCAGGACCTTTAAACGTGACCCCATAGGATTTCTCTGC  
GAGCACAGCGCCGCTTGGCGCTCATCGACTCGAGGTGGGAACGCATTTTGTGGCTAGACTCCTGGTAG  
TTGGAACCGTAACCTTGGTTTACACCCCCCTGCTCTCAGATATACCCATTTATCTTAAACTCGCCTCGTG  
GGGTTTGTGGTGGTGTAACTATAGTGGAGATAGTGGCTATTATCTACGAAAAGCCCCAAAGACTGGC  
TCGAGCGCAAACCCCCGACTCCCGCCACCCACGGAGTGAAGGCCTGTGTACCAGTTGCTGCTCCACGG  
TGCTGGCTAACCTGTGTGGGAACTAGTCTATCTGTGATAGGCGCTGTGTGATTTCTACTGCA  
CTACGAACAGCGTATTCAAATTGGCTTATTGGGCGAGTCCTTCTCGTCTCTAA

>GBEV0006 |Acc|NC\_001491 REGION: complement(23029..24234)|Ver|NC\_001491.1 GI:9626737|Equine herpesvirus 1, complete genome.

ATGATGTACCAGCCAGATAGAGAGCCCGTGAAGACTCGTGTCTGGTGCTAAGCTCATCTTCGGTCCAAC  
GCTGCACCGGCTCCAGAGGGGCTGCATGCCATGTACCTGGGCGGCTCCAAAGCTTTCGTTGGAATCGG  
ACTACAAGCTTGGCTCCTCACTTCATCGATCTTACACATTGACCTGCTAACC CGGAACCTCAACATGTCTG  
ATTCTGATGATCATCTCGATGTATGTGTTGAGCCTGATCCGCGTACCCATATCTAAGATGAAAACATAG  
TAACCGTATGTCGATCGATACAGGCGCTGGCCACTCTAGTGGCAGCCAGTGTCTGGGTGCGGGGATCTGC  
AGTCAAAAAGGAACATTTACTTTATAGTTGTTACCGTTTGCATTTTGTGTTGTTTATAGCCGGAACCTCAA  
ATTTCCCTATTTTACGTCATATGCTCAGCCAATGGAACGGGGACTCACTTTAGAGCGAGCCTATTGGCTA  
TTATCGGTGGATGTGTCTAGGGGTTTCCGTAAAGCTCGTTGAGCTGAAAGATGTACCCATAGGGATAGG  
GATAGCTATCGCTATTATAGCTTCTGTCAAGACTTTGGGCTTGTCTTTCGAGACACATGCCACTTCGA  
ATCGGACGGTATCGTGCATGCGCACCTTTACGGACCTTGGCCGGGGTATTAACCTACAGATGGGTGACGG  
ACGTTGAAGCCGTCCCCAAGATCGAAGAAGTCGCGGAAGAAAAGTTTCGCTGTTCAAGTTTTCGAAGGA  
GATGCCGGGGGTGATTTCTCCCCAGCGGTCCGGAACCTACGCAACCCCCATAATATGGATCGTCTACGC  
TTGGTCTACGGAATTTCCAAGCTGTGGCAAACCCGCGCTATGTTGTCTTCTGTCTGACTGTTGGACACG  
TCTCTGCGCATGCTGGAGCAGCTTGTCTACGAGTAAACTACACGGCAGAGGCGAGTTCCGGCATCCA  
CTCCACGGCCCCACGCTGTCTGCATGGTGTGTCGCCCTTTGGGTACGGCGTGGCCGCTCCCTCTCGCTC  
GCATTTACTGTATCCGGGGGTATACTGGGGGCGCTATACCTTCGCAAGCGCGCAACGGGCGCGCGCGCC  
TGGCGGCAACTCACATTTTCGAGGTGGCTTATTGTTGTGTATATGTTGCCGCGGTTTGTGTTATGCAAC  
TATAATCACACATTAA

>GBEV0007 |Acc|NC\_001491 REGION: complement(20487..21146)|Ver|NC\_001491.1 GI:9626737  
|Equine herpesvirus 1, complete genome.  
ATGGAAGATTATAAATTACTACAGCTGGAAACCGCCACCGTCGATGCTCAGGCTCCCCCTTACCAACGA  
AAACCGTTCCGGTGTTTGCGCCCCCGCTGTCAACCCCCCTCAACCAACGAGCTTGTATTACAAAGCG  
ACGCAGAACAAAGCGCAAAGCAAATGCCGCTGCCTTTTTTTTACGATGGGCATGTTTGCGCTGGGGGTT  
TTGATGACAACCGCCATTCTGGTGTCCACCTTCATATTAACAGTACCTATTGGCGCGCTACGCACGGCAC  
CGTGTCCCGCAGAGACTTTTGGTCTGGGGGACGAGTGTGTTCCGCCGGTGTGCTGAACGCATCATCCAA  
CACACGCAACATCAGCGGGGTGGGGGAGTATGCGAAGAGTACTCAGAGATGGCGGCTTCTAATGGCACT  
GCAGGCCAATAATGAGTCTGCTGGACTGCCTCAACGTGGGAGATAGCGAATCCGTTATGAATAAGCTCA  
ACCTCGATGATACTCAGCTGGCCTACTGCAACGTACCGAGCTTCGCAGAAATGCTACACCAAGGGGTTTGG  
TGTGTGCTATGCAGCCCGCCACTCAGCCCGCTTGGAGAGCTGATCTACAAGCCCGCCCAAGCGCTTCGT  
CTGGACCACATCATACCGTTTCCCCGGTAA  
>GBEV0008 |Acc|NC\_001491 REGION: complement(47403..48230)|Ver|NC\_001491.1 GI:9626737  
|Equine herpesvirus 1, complete genome.  
ATGGACTCGTACAACATATAGAGATTTTGCAGTCGGTGCTGGTTTGTACAGCGCATCCGTCTGGTTGTCT  
CGGGAGTCTGCACTGCGGAGAGAGCGATGCAACCCCTGAACGATCCCAACACCTACCAGCCAGGTGCGT  
GTTTCAATTTAGCGGGCCGATAATAACAGCGTAACATTTCTATAGAGTATGTGCTCCGTTGATGAAG  
AATGGGCTCGTAGTCAGTGCATCCGTACATTCGCATTCAAACACGGGAGTGTGAGTGTATTTTCAGG  
GCTTTTTTTTTCGCACCCCAACGCCCCCATGGCTTCAATCACGTCTGAGCATAACAACGTGATCCTCAA  
ATCAACGCACACGACCGGGCTGGCCCTGTCTGGCATAGAACGAGTGAACGAGGGGGAGGCTAGACCTG  
AGGCCCCGTCAGGCGATGATGCAAATAAGCTGTTTCACTAGAATGCCCGTCGTGCAGCTGTGCTTTCGGT  
TCATGGGTCCGGAAGACGCGTCTAGAACCCAGCGGCTGCTAGAGCGCGCGACTAGTTTTGGTGGCATGGA  
GTTTGCACAAAAGCGCACCCGTAGACTCGTGCGATCGCATACGGTATAGTCTCCCCAGGGAGCATCGC  
GAGTGTAGGGAACGGCAGAGCGGCGTCCACGCCCAAGCGGTGCGCTTCAGAGGTTTTTGGCCAGCCTCG  
CCAGCATCTCCAGCGCGTTCCGCTCGGAGCGGGTGAACGCCCGCCCTGTGAGGATCGCGGCCGCGATCTT  
AGCGTTTGTTTTTTGTGCTGTAATACTCGCAATAGCGACAAAGGGGCGCTCTTCTAA  
>GBEV0009 |Acc|NC\_001491 REGION: 48763..50625|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.  
ATGGCGGCCAGCTGCAATCTAGACGTCATAGGCGAAGACGGGGGATGTGCCCTTACCGGAGGCTGGCAGC  
CGGGTGCCTTCGAGCGCCCGTACATGGGATTTGACGCCAGACTTCTATCAACTAACAGCAGTCTGTGCAG  
CGAGTTAATATTTTCCGCGCACTTAATGCAGATTTACCTACGCCCGAGCTCGAGAGCAAGTCGATGTG  
TGCGAAGACCCAGACAACGATCCGCCCCGAACCTAGCTGCGCCAGTTTGTAGATGCAGTGGCCGACTCCC  
TGGCTCTCGACAAACTCTGTTTGATCTGCCGGAACATCGATTTGTACAGACGCCAATTTGGGCTTTCCCC  
ACAGTGGATGACGAGATTATGCGATGCTGTGTACTAAGACGTTGGCGGGCCCCGCCATGTGCAGTCCGCCACT  
GTGGTTCCCGCATTCGTGTATCTAATGATAAACAACACTACCTTCGGCGCGGAAAGACTACCCTAG  
TGGGCGCCTTCGCACGTAGAGTTTTAACGCTCGTCGATATACAGCGCCACTTTTTTTTTACAGCTCTGCTT  
TCGCACGACGGCGGGGTTCCCGCTGCGCCGCGTCCGGGACGGCCCCGGCGGCAACGGCCATGGCCGCG  
CTCGGTATGGCGGACAAAGTTCAATATTTCAAATTACTCGTTTTTAGTGCAATCGTCCACGAGAGCCATGT  
TACTGACTGTGGCCGACGTTCCATCTGGAGACGACGGCGCGTTACAGGCTGTGCCCCACGGCAGACATGG  
AGCGGGCAGGCCGGCGGATGGGGGCGGTGGGGTGTGTTGGCCCCAAACAACAATCTACCGTGGCCGCGCTG  
ATGAGTTGGAAGGAGTGTGCAAAAATGATAGACTGTTCTGGGTCTGAGCGGAGACGCCCCGGCGCGACTA  
TGACATGCTGCGAGCGGGCTCGGGCCGATGATGATGAATACGAACGCCAGCTGTTATCTACCGAGAACAC  
ATATCTGGGCTCGGCCGACAATCAAGCAGAGGGGGTAAACGACACACATCTCAAGTGGGGCTACGCAGAC  
CTACCCCTGCTGCTGTTGAGTCAGTCCAGCACCTGGGAGGCCAGCGAAAAAACATCCCTGGCGAGTCAGT  
CGCGCAGGGCCTGCGTGGAGGAGTATTGGGCTCCACAGGACCGTGTGGCAGCAGACACCGCTCCTAG  
GTTTGCAGATTTCGTGGATGCAGACGCCGTTCCGGACACGGCCACGGGGCCGGTTTTAGCGACTACCCCTC  
AAGCAGTACGCAGCGCGGAAGAACCTGCGCCGATGCGTGCTATGTAACCTGATACTAACGCGCGAAC  
ACTGGCTCGCGCTACGCCGTTTAAAGCGAGATGTTATATCGTACTCATCTAACAACGCAACCTGTTTGA  
TTGTATCTCCCCAGTACTGTGCGCCCTTTCTGACGCAAAATAGCGAGCCGCTCGCCGGCGACTGCGGCGTG  
GGTGGCGGGGACCTGCCAGAAAGACTCGGGCAGGTTTCTAGAGCTAATGCATGCCGCCGCGCACAGAGG  
CCATATACAAACACCTGTTTGGGACCCATGTGCGCGTTGGTGGAGCTGCAGACAAACCCGAGTGTCTT  
TTTTTCTCCCATAGGCCCCCCCTCCAGAACCAGCAGAGATAGAGCTTCAAAAAGCGCGCCTCGCTAGCGAA  
AATTGTTTTAGTGGGCGTGTATGTGCTGGGTTGTGGGCGCTGGCTTTCACTTTTAAGACGTATCAGATCT  
TTACACCCAAACCGACCGCTGCGCGGCGTTTATTAAGGACGCGGGACTGCTGCTTAGGCGCCACAACCT  
CCGCTCATATCTCTGAACACAGCTCTGCAACTATGTTTGA  
>GBEV0010 |Acc|NC\_001491 REGION: 59243..61570|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.

ATGGAGCAAGACGATGCACCCGCTGCCATGGGTAGCGCACAGGCCCGTCAGCGTTTACTCGCAATCTTTG  
GTCAGGTGCAGGCCTACATATTTTCAGGTGGAATGTAAAGCGATGCCACCCATCGGCGCTGCTACCTCT  
GGTAGGGTCGCTAAAACATAACGCCTTAACGATACGCATGCTTAGACGCAAGCTGGGGGGAGCTCTCATC  
GAACAGGCGCAGCATCAGCAAAACACCACTCGCATGCGCCCTGACCATGGCCCTAGAATACGCCGAGGTTG  
AAGGCGAACGTGTTCTGCGTGCGGTGGATGACGTGAATCTGGCTGGGCCAGAGGGGTTTTTTCAGAGCCAC  
GATGCGGCTAGACGAACCGTGCGAATACCACGTGCGGGTGACCTGGATACCTACGGAGGCCCATAGAC  
GCGGAAGTTTCAAGTTTACACGACGCGGAAAACCTCTAAAGCAGTTAAACTATTGCCACCTGATCACGG  
GGTTCGAGGCCCGCTCGATGCGATTGGAAGCGTGCTGCTTTCTTACCCGCACTGTGGGCAGCGGCAT  
AGTGGTACCCCCGAGCTGTGTGACCCCCACCCATCCCTGCTCCGTCTGTTTTGAGGAGCTTTGCGTAACC  
GCTAACCCAGGGGGAAGCAGTTTCATCGCAGACTGCTCGAGTGACGTGCGATCACATCACTCGGCAATGG  
CTGTACGGGTGCGAAATATTGACATTGCGCGGCACCTACCGCACGCGCTCAGTGTAGCCTCCGAGCGGCG  
CGCGGCGCGGAGCGGCTCTCAGGGCCCTCGAGGCCAGGCGCGTGCAAGGACACAAACGGCAAGAGCGCC  
GGCACGGAGGACCCGACGCAACAAGTTGCGTGCGGGCTGCTGGAGTCCCACCACGTCTTCAAGCCTGCGCT  
CGCGGTGCTGTACGCCGTGAGCGAGTTAAAGTTTTGGCTGCGCTTACCAAACACGGTGATATGGGACA  
GCCAAGGGCTATAGACACGTTTACAGAAAACCTGGAGACTCTGGACAAGCAGGAAAAGTTTTTTCACCTG  
CAAGCCGCAACCGTTGAATTGGCACTATTTCGACGCGACCCCTAGACCAC'TTTGACAGACTGTTTGCAGACC  
AGCTGCTCGGTCTGGACGTGATCGATGGAATGTTGGTGGGGAGCTGTGCGGTGTCACCGGACGATCACAT  
AGAAGCCCTGATAAAAGCGTGTATATACTCATCACATGCTGCGCCGCTCCTGCGAGGGCTCACGGACCCA  
GACACCAGCAACAGAGAGGCCCTCAAGCAGCTGCTGGGTGCGATAGGGGTGGATACCGACGACGGGCGCG  
GCGAGTTGGGGGACGCTTAGACGTGGATTGGATAATCTAGGTGGGGCCCTCCTGTCAACAGCACCCCT  
CTGTGGTGAGGACGCCCTCTGTGCAACCGTTTCCGAGGAACGCCCGTGGGACAACTTTTAGAGCGGGCG  
ACTGCGGATGCTTCGCGAGCGCAGGCGCATGTACGCGGAGCGTCTGTCAAAGCGTTCATCGCCAGTTTGG  
GGCGCTGCGTGCGCGAACAGCGAAGAGAAGTAAAGGTTTTGGCTGCGCTTACCAAACACGGTGATATGGGACA  
GCTACATACGTACGTATCGTTCCTACACGGGTTTTTGGCGCCAGGCGCGGTTTTTGGCGCGCGGTGAGTCCA  
GCGGGTACCATCATAGATAACCGCTCTAGCACGTCCGCGTTCGACTCGCATCAGTTTCATGAAGGCGGGCG  
TGCTTCGCCACCCCATTTGACAGTCTGCTCATGCCGTCCATAACACACAAGTTTTTTCGAGCTGATCAACGG  
GCCCGTGTTTGACAACGCTGGCCACAACCTTTGCGCAGCGCCAAACACGGCATTAATTACAGCGTTGAA  
AACGTTGGGTTGTTACCGCATCTCAAGGAGGAAGTACGTGCGTTTTATGATTACTGCGGCTAAAGGTGATT  
GGTCAATTAGCGAGTTTCAAAGGTTTTATTGCTTTGAGGGAGTGACAGGTGTGACGGCCACGACGGCGT  
GGCGTGAAATATATCGGGGAGCTCATCCTAGCCGCGCAGTATTCTCCTCGGTTTTTCCACTGTGGAGAG  
GTGCGCCTCCTGCGCGCAGATCGTACCTACCCGGACTCCAGCGGCGCACAGCGCTGCGTGAGCGGCATTT  
ACATAACCTACGAGGCGTCATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
GGAGACGGTGGTGATTACGACAGCGACGTGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
GGATCGGGAGCCAACTAG

>GBEV0011 |Acc|NC\_001491 REGION: complement(67212..68975)|Ver|NC\_001491.1 GI:9626737  
|Equine herpesvirus 1, complete genome.

ATGGCGGAGTATGTGAATTATGTGTAGGATCGCTTTACGTAAGCGATACGGCCACGTCCACTATACCGA  
CAGACGTGCGAAACTTTATAGCCCCGCCATTTCCGCTTAACTTTTGGAGCGGACCTACATTACCCGTGAG  
CTCCAACACCAGGGCGGATCCCCTGAAGCTGGTTGCGGCCGCCATAGAGCCGCCGACGGCCATAGAC  
ACGTTTGGAGGCGCAGAGTACGTACGGAGTTGCAAAACGTAGATGCGGTTGATTAGACCCCTAGAGCGACAGG  
TTGCCAAAGTAGCTGATGCCCTGGCGGCCCTCGAAGATGCCGCGCGTGACGCGGAGAGCGCCGACGCCG  
CACGCCCCAGGTAAACGCGAGTGAAGCGGATCAGCGCCCCGACAACATCGGACAATCGCTCAGTGAAATTT  
CAAATCGCTAAGAACGACGTTCCCATGGAGTTGACACGAACTGGCCGTAGACTTATTAGCCACGGTGT  
TTGTGAGCCCGCGCGCGGGCGGCTCAAACGGGGTGGTATTGCGCACCTGGTACAGAGCGCTTCAGGACCG  
TCTAGTCACGGAGCGGCCGGTGGCCACGCGCAGCATCGACTATAGAGACGGTCGCATGTCTAAAACGTTT  
ATGACAACGGCTGTGCTATCTCTGACGTCTGCGGTAGGCTTTACATAGGAAACAGACCCCTATTTCCGCAT  
TCGAGGACCGCGTGTATGCTCCATTTAGCCCATCGCGCCGTAAACGCAACTACAGTATCCCAGTAG  
CTTTTCTGGGCTAATCGAACAAGCCGCTGACCTGAGGCTTTCTCCACGGCACTCGGAGACGGAACG  
CTCGGAAAGGTGCGGTACGAGTTCAACGGCGCGCGTCTCCCAAAGAACAGTTTACGTTCCCGGAGGAG  
GGGGAAGATACGAACGGGGCGCGCTAAACGGCCATGGCGTTCTAGAGACGCTGATACGCTAAAGGTTTT  
GCCCCCATTTCCGGGTAGTCTGGGAACCACGACACCGCCGTCGGACCCGAACTCGACGCGGACGAGCT  
CGGTACATAGACGACGTAACAACAAGCCGCTGCGGCCCTTTTTGGTGGCGCGCCAAACCTGTTTCTCACGG  
AAGACCAAAACCTACTACGCTCGACGATCAACACCATCACCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTG  
GAACGGCAACGTTATACGGACAGATTACGCAATAATTTTCAGCTCGGGGCAATCGTACCCAACCTCGCA  
GTATCGCAGCGTGACGCCAGGGGGGCGAGCGGGGGAGATGCTGCCGCTATGGTTAGTCGTAGCGGTAACA  
ACAACCTACCTTTTTTATGCGAGCGTTACGTCTCCCCATATACATAGCCAACAGGGAGGTGGAATTGAC  
CCAGCTATTTCCCGGCTGGCAGCCCTATGCTTAGACGCTCAGACGGTAGCTCGCGATCAGCCGACGAC



CGCGCTGTTAACGTGTCTACCGGGCGCAATCAGACCAACTTGACCAGGTTAATAGGCATAGAGCTGGAGA  
ATAGACGCCCGACAGCCCCGGTCCCAATAAACGAGGTGCTTGCCGCGCACGACGCCGTAGCCCTCCAGTA  
CGAGCGCGGCTGGGGCTGCTGATGCAAAAGCCAGATTGAGGGCTCGCTCGAGGAGACCAGACGCCGT  
GGTCAGTTTAACTGGCCAGCGATTATGACCTGTTTACTTTGTTTGTCTGGATACATTCTTCGTGTA  
CATCCGCAATGTAA  
>GBEV0012 |Acc|NC\_001491 REGION: 122861..123571|Ver|NC\_001491.1 GI:9626737|Equine  
herpesvirus 1, complete genome.  
ATGGACGGCGCTACGGCCACGTCCACAACGGCTCCCCGATGGCCGTCGACGGCGAGGAGTCCGGAGCGG  
GGACGGGGACGGGGCGGGCGCGGACGGGCTATACCCGACCAGCACGGACACCGGGCGCACGCGGTCTC  
GCTGCCGCGCTCCGTGGGGGACTTTGCCGCGGTGCTGCGCGCGGTGTGCGCGGAGGCAGCGGACGCGCTC  
CGGAGCGGCGCGGGCGGCCGCGGAGGCTGGCCGCGCGGTGTACCGCATGTTCTGCGACATGTTTGGTC  
GCTACGCGGGCAGCCCCATGCCGCTCTTCCACTCGCGGACCCGCTGCGCGCGCGCTGGGGCGGTACCT  
CGTGATCTCGGCGGGCGCGGTGGAGACCCACGCCGAGCTCAGCGGCCGATGCTCTTCTGCGGTAC  
TGGTGCTGCTGGGACACGCGTTGCGCTGCTGCGCGCCGAGATGTACGAGCGCGCTGTGCGCGGTTT  
TCGAGACCCGCTCGGGATCGGGGAGACGCGCGCGCGGACGCGAGAGCGCTACTGGGCCGCGCTACTCAA  
CATGGCGGGCGCGGAGCCCCGAGCTGTTCCCCCGCCACGCGAGCGCGCGCGGTACCTGCGCGCCCCGCGC  
CGCAAGCTCCCTCTCCAGCTGCCCTCGGCCCATCGGACGCCAAAACGGTGGCCGTGACCGGCCAATCGA  
TAAACTTTTGA  
>GBEV0013 |Acc|NC\_001650 REGION: 70055..74200|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.  
ATGGAGCCGGTGGCTATAGAGAACAGACCTACCCCTATTTTGAACGGAGGCAAACCTCCTGAAGGGCA  
TCAAGGAGTCCGCGGCGGAGGGGTGTTTAAAGAGTTTTCAGCTCCTCCTGGGCAAGGACGTGCGTGAGAA  
CGGTGTCAAGTTTGAAGTGCTTTTGGGTGTCTACTCAATGTACATACGTACATTAAGTTCTTGGAACG  
TCCCTGGCGGTGGGTGCTCAACACTGAATTTAAAGATCTCAGGAGGATGACTAATGGTAAAATACAGT  
TCAAGATCAACGTGCCACCATCGCCCATGGCGACGGGCGCAGGCCACCAAGCAGAGGCAGTACATCGT  
CCTGAAGACTGCCAACAAGCACCACATCAGCACCGAGATGGAGCTGGCTGTGCTGGACCTGGAGATACTG  
CACTCCTCCAGGAGACGGCCCTGGACGTACAGAGTACATAGGGGCGGTTAAGACCATCACCTCGGCC  
TGCAGTTTGGGGTGGAGCCCTGGAGAGGGGGCTGGTGGACACCGTGCTGCACGTGAAGCTCAGGAGCGC  
CCCGCCCATGTTTATCTACAAGACCTCAACGACCCACCATAGTGGAGAGGGGCATGAAGAAAACGGTC  
AAGTCAGACCTGGTGGCCATGTTCAAGGCCACCTGGTGGAGCACACCTTCTTCTGGACAAGGCCAGT  
ACGCGAGCCAGAGCGTGCAGTACGTGATGACCATGCTCTGACATGGCGGCCACGGTGTGCAACGAGAC  
AGTCTTCAAGGGCATCGCCTCCTATACCACCCCTCGGGGGAGGTGGTGGACGGGCTACTGGAGACCAC  
GACAACGTATGCGCAAGCTGCTGGCCATGCTGGGCCAGAGCGGCAACTCCATCGTGGGGCCCGCCAGCT  
ACGCGAGCTACGTGGTCAAGGGGGACAACTGGTGACGGCCGTGAGTACGGGCGGGCCATGGTGCCTT  
CGACCAGTTTGTGTCAGGCTGGTGGACAACCCCAACGCGACGCCCTCAGCGTCGAGGACGACATCA  
GCCATCTCGAGCGCGCGGCTGGGCCAGCAGAGATGGCCATCCCTCCTCGGTATCAGGGTGG  
GGGACAAGACCATCGCGGTGGAGAGCCTCCAGAACATGTACACGGAGGCCAGGTGCCCTTCCCCCTGAA  
CAGGAGGCTGCAGTACTCTACTACTTCCCCGTGGGCTGCACATGCCAAGCCCAAGTATTCCACCTCC  
AACGTGATCAGGGGGCGGAGAACCCCTGTACCAGCCCGTGGAGGCGTGGGTGGTTAACAAGAAACA  
CCCTGCTGCGCTTTGACTACACCTGCGCCCTCAGGTCCCTCTGCCACCCAAAGGTCCACAACCCCAACCC  
CTGCGCCGGCGCGCTCCAGGCCGCTTCCCCGAGGCCCGGAGCGCATGGAGGCCACGGGCTCGAGTAC  
GAGCAGCCCCCCCCACATGAACGCCACAGGCTCATGTTTGACTACTACAATGGCAAGAACGTGGCCACG  
TCACGCACATAGCCAGGAAGACCTCCATGTCCACGGACGACCTCCTGCACCCCTCGGCGCACGAGCTCCT  
CAAATGGAGGTCCACCCCTGTTTGACTTTTACGCGGTGGGCGCGCGCGGCCAGGGGTGTGGCTAC  
AGGGCCACCCACAGGGCATGGTGGGCAACATCCCCAGTCCCTGGCCCCCGCGGGTTTCAGGAGTGCA  
GGGGGATCAGTTTGAAGCGGCGCGTGCCTCTCCACGTGGTGGACGCGGCCACCATAGAGGTGGTGCA  
GCAGAGCGCCTTTGACCCCAACTACCCCGTCACTGTGTACCTCATAGAGGCCATGGTGACGGGCGAGG  
GAGAAGTTTGTGATGACGCCCAAGCTCATCGCCCTGGTGATAGAGTCTACTGGACCAACCGGGCGG  
TGGCCTTTGTCAACAGCTTCCACATGATAAAGTTTATCTGCCAGCACCTGGGCGGGCGGCGCTCTCAA  
GGAGGTGTACGGCTCTACAGGCGCATCTACGGGGAGATAGTGGCCCTGGAGCAGGCCCTGGTCAAGGTG  
GCTGGCCACGATGACATCAACAGGCGCCACGTGGGAGAGTACACCAACTCTCTCTGGACCCAGCTGC  
TGCCCCCTTCTGCTTACAACAATGTGTTTGGGCTTCTTCAACCGGGTGGACAGGACGCGGAGGTGCA  
CGTGGGCAACTACGCGGTGGACAGCTACAATGACATGGCGGGGATACTGAACGTGACAGACAGGATGGAG  
GACCTGGTGGGGAGGTTCGTGAACCTGTACAACAACAGGGTGGACGATGACCACGAGCACAGGTTCCAGC  
TGGACGTGGGGGTCTTTAGGGACGACAGAGAATATTCTTGTTTAGAAAAGATCTTCTACTACGTGTTCT  
GCCCTGTGTCACCAACGGGCACGTGTGCGGGATGGGGGTGAGCTTTAACAACCTGGCCCTGGCCCTCGCC  
TACAACGGGCCCGTGTACGCCCCCGCGGTCAACGGGGCCGACCCCATCCTGGACCCTGGAGAACGGGA

CCCTGAGGGACCTGCTGCAGGCCTCGGACGTGGCGCCACGGTGGACATGATCCGCACGCTGGCCACCTC  
CTTCCTCAGCTGCCCCGTGAACACCCAGCACGCCAGGGTCAAGACGCGCCGGGACCCTGGGCAGCGGGT  
GCCACCCACGAGAGGGCCAAAGCTGGTGGGGCAGACGCTGCTGGTGAACGGGTTCGCGGCCCTTTGCCATCT  
CTGAGAGGAACAGGCCCCGCTGCGAGACCATGTTCTTCCCCGTGCCCTTTCACAAGTTTTACAGCGACCC  
CATGGTGGCGCCACCCCTGCAGCCCATGATCGCGGACTACGTGAACCAGATCCCCTCCCAGAGGGACGTG  
CTGGCCTTCAACGTGCCCCCACCATCATGGCAGAGTACGAGGAGTGGCACAAGTCCCCCATGGCCAGT  
ACGCGCGCTCTCTGCGCCCCACGCCCCCTCTCCCTGAGCACCATGGTGTGCATGCACAACAAGCTGTCCCC  
CGTGGCCTTCGTCAACCAGGCCAAGAACAGGATCCACCCGGGCTTCGCCCTCACGGTGGTCCGGACGGAC  
GAGGTCTGTCCGAGAACATCTCTACTCTCCAGGGCTCCACCTCGGTCTTTGTGGGGCTGCCCTCCG  
TCACCAGGAAGGAGGTGAGGTCTGACGCGGTACCTTCGAGATCCACCACGAGCTGGCCACCCCTAACAC  
CAGCCTGGGCTACAGCTCCATCCTGGTGGCCGCGCACGTGGCCTCCATCACCACGGACATGGGCGTCCAC  
TGCCAGGACCTGTTTCGCCATGTACCCCGGGGAGCAGTTTTCGGGACAGGGAGATGCACAACCTACCTCAAGA  
AGAAGGTGGGGGCGGCCAGGGCCAGCACAACGGGGCCGACGCCAGGCACCTGTGAACGCGGGCTTCGC  
CTGCCACGGCCCCCGGGCCTCAGCCACGGCCAGCTGCCACCTGCGAGGTGATCCTGACCCCGGTGACG  
GCGGACGTGTCTACTTTTCTCTCTCAACAGCCCCAGGGGCGAGGGCCTCGTGGTGGTCTCGTGGCAGC  
CCTACAACGCGGAGAGCGCCGAGAATTTTCTCTACACCACTCCCTCTCTGACCCGGCTACGAGTTCAG  
GGCCACGGTCAACCCCTGGGCTCGCAGCTGGGGTCCCTTGGTGACGTGATGTACAACGCTCTTACAAG  
CAGATGATGGTCCGGGCTCTACAGCCCTGCAGGCAGTTCTTCAACAAGGAGGACCTCCTCAAGAAC  
ACCGCGGCTGTACGGCCTGGTGAACGAGTACATCACCAGGCTGGGCGGAGCGCCCGCCACCAGCGGCAC  
GGACCTGCAGTTCGTGGTTATCAACGGAACGGATGTGTTCTGGAGCAGCCCTGCCTGTTCTTCAAGAG  
GCCTTTCCACCCCTTCTGCCAGCCACAGGGCGCTCATAGACGAGTACATGTCTTACAAGCAGACACACG  
CCCCCGTGCACCTCAACCAGCACCTCATCGAGGAGGTGGCCCCGTAAGAACTATTTAAGCAGGGAAA  
CAAGTTGGTCTACTAG

>GBEV0014 |Acc|NC\_001650 REGION: 74258..75160|Ver|NC\_001650.1 GI:9628002|Equine  
herpesvirus 2, complete genome.

ATGCAGGTAGACAGCAGGATAGTGGTGACCCCTCACCTCCAGGCTCTACGCGGACGAGATATCCAAGCTCC  
AGGAGAGGGTGGGCTCTGTGGTACCCCTCAAGGACTCCACAGGCTGCAGAACCTCAACTCCGTGGGCAT  
GTACAGCGTCTACATGAGGAACGTGGCCCCGACCTTCGTGGCCATGTTCTCTTACCTCTCCGAGGCCACC  
CTGGCCATCTTGACGAGGTACCCCCGACACCCCTGGTCTTCTCCGCTCGACCACTCCAGAACTACG  
AGCTCAAGAACGTGTACTACCCCTCCTTCGCGTGGCACTCCACACCCCTCCTACCGTGGTGGCCCCGGT  
GTTTGGCAGGGAGGCCGCCACCGTGGCCCTAGAGTCCAACGGGTTCGAGATTGTCTTTCCCGTGGTGAT  
CCCCACGCCCTGGCTCAGGCGGTGCTGCAGAAGCTGATGCTGTACAACATCTACGCGAGGCTGAGCGACG  
CCAACGTGGGGGACGTGAACATGGACCACGTGAGGTTCCACGCGACCAACCTGCACCACATGGGCAGGGC  
CTACACGCTGCACATAGACCAGGCCAACCCGGGCGGCATGCTGGGCTGCTGGATAACCTGGCCATCTAC  
CTGGCCATCATCAGCCCTGCTGCCCAACTCCCTGGCCAGGCTCCTGCCGGCCATCATGAGGCACGAGC  
AGCAGCTGCTGCTGAACATCTTCGCGGGGTGCTCGCCCCCGACGACGCGGGGAGATTTCAACATAGAAGA  
TGATATGCAAAAGATGGAGTCTTCTATGGCCTACATGCAGTCCGTTAGCTCAATATTTAATTGGGTCC  
AAGCTGAGGCTGGGACAATACTCTCTGAAACGACAGCGGGACCGCCTGGCTCGCGTCTCTGA

>GBEV0015 |Acc|NC\_001650 REGION: complement(119327..120343)|Ver|NC\_001650.1 GI:9628002  
|Equine herpesvirus 2, complete genome.

ATGAAGACCAAGGAGGTGACGCCCAGGGGCGACTCTGGCGAGAAGCTCGCCAGGGACCTGCTGAGGCTGG  
TGCCCCCGCAGACCCACAAGCTGGGCACCTTCAGGGCGTGGAGCTGGGCAGGGACCTCAGGGCTATAGT  
GGCCAACTATGCCCCAAGACCATCTCTGGGCACATTCAAATATTTAGAGATGACTTCATAGCGCCCCC  
TACAGCGAGCCCCGTGACGGGGAGTTTCTGGTGCACGCAAGACCTTCACCCGAGGAGCCCCGGGGCA  
CCTTCGTGTTTCGCTTCAGCGTGGGCGACGGCCCCGAGTGCACCTCGGTGGACACCATCTTCAGCCCGGT  
CTCCCTGTTTCAGGCTCTGCGGGCTGGGCGCGGACGCCGCGCCCCACACCCACAGGATAGTACATCTGG  
TATGAGTCAGAGTCAGACTTCCTCAATGTGGCCGCGAAGCTAAGGGAACCTATTGAAAACCTGCAGTCTGC  
ACAAGTTCTGAGCCCCGTGGGGCCCTGGTTCAAGACATCCAGAGCACTTTTCTCAACAAGATCAACAC  
GGTGGTCAAGGGGAGGTGTTGTCTAACAGATCTCTCCCGAGAACATCAAGCTGGTGCTGCCCTCTGAC  
TTGTTTTTTGACATGGACGAGACCTGCCCTACCCCCCTCGGGCGACCCGGTGAACCCCGGGTGTGTT  
ACTATGTCTGCATTCTCTATGTTATGGTGAACAACATCCCTTCCGCGAGCCTGCAGTCTTTCAGGACCGG  
GAAGGTGCCAGGATGGTGGTTTTTTTCTGAGCGGCTACTACTCTGACGCGATTGCTAACAATAACAC  
GTTTTGGGTGACATCTGGATATAAATAACCTGACCCTGGGAGCGGTCTGCATGCTGGGCTACTCTCCA  
GCCAGTCTACTCCGGGCGAGGGCAACTTGCACCTTTCGAGCTACTCTCTGCCACCCGTCGAGGTTTCAGA  
TTTTGTGGCCAGCCCGGGTCTTGGACCCTGATTTGA

>GBEV0016 |Acc|NC\_001650 REGION: complement(134764..135303)|Ver|NC\_001650.1 GI:9628002  
|Equine herpesvirus 2, complete genome.

ATGCCCGGGGACGAGATGGAGGCTGTGAGCTGGGGGATGGCGAGGGATACCAGCCACTGAGGCTACCCA  
GGGTCCAGGGAAAGCTGGAGGAGATAAATCCCATAGTGGCCGCTGAGGTGGCCGCCCTGGAGAGAAGGGA  
CAGGTCCGACGCCGATTATGAAAAGGTGAAGATGCTGTACGTGATCTATCTAAGGGTGCACGAGATCTAT  
GATGACCAGGCCAGGATCAGACTGGGGGTGAGGAGGAAGAAGCACCTGGGCGACCTGACCGCTCTCGGG  
GGGCGGGTCTGAGATCTTTTGGGGCGCTCTCCAGTATGATCCCCCTGCCCCGGAGACGGGTGAATTTGA  
TACCGGGGGGACGTCTCGTCCGTGAGGTCTGCCTCTGGGGCATCAGGGGGCGCCGCTCCACAGCAGCA  
TCTGGGGGGTCCGCTCTGCAGCCGCCTCTGGGGCATCCGGGGGGTCAAGCTCTCAGAGCGAGCTGAGCT  
CTAGGTCCGGAAGCCAACAGGCGCCGGGAACAAAAGGCAAGAAACATAA

>GBEV0017 |Acc|NC\_001650 REGION: complement(91186..92982)|Ver|NC\_001650.1 GI:9628002  
|Equine herpesvirus 2, complete genome.

ATGAACCCCGCCCCGGCTCCTCCATAATTATGATACACCCGAGCAGGTTCTCGGTGCCCCCTCTTTGAGA  
TCCTGCAAGGGCAAGTACTCCTACGTGAAGGGGCGAGACCCCTCCACTCGAGCCTCAGGAACCCGGCGTGT  
CTCGAGGCAGCTCTTCGTGCACCTCTACAAGAGGGCGCTGTCCCGTGCACCTACGACGAGTCTCTCT  
GACTGGCAGCTGTTTCGAGGCGGGGATAAGGGCCAGGTGGAGGGGCTCCCGGTACGAGAGCGGGGCTTCA  
AGGCCTCCACCTTCCAGTCTTGGGTGGACACCGTGAAGATGACCTGGATCAGCTCCTGCTGAACAACAT  
CTACCACATACTCCACACCAGGACTAATCTGTCTACGAGAGGTATGTGGATTGGGTGGTGGCTGTGGGG  
CTGGTTCTCTTTTCTCTCCAAGCCCGACCGGGCTCTGGTGAAAAGCATCACATCTAAGTTTAGTGCTG  
ACTCTGTGGGTTTTCAGCTCTGACAAGTACAAAACCATGAAAACCGTGCTCATGACCTTTAAGCGGGAGCT  
CACCAGCGTGCTCGAGACCGTCACTGCTCCATCTACATCCCGGACTTTTCCGAGGTGCAGCTGTACTTTGAC  
GGCTCGACACCACCGCTACTTCGGGGTCTATCGCGGGCAAAGGATAACCGTGGAGGTGGTCAACAGGCCCA  
TCATCTTCAACGGGGAGGTGACCTTTGACAGCCCCGTGCAGAGGCTGTTTAACTGTCTATGTCTGTCA  
CCGGACGGCCGAGCAGCCAGCTGTGTCAGCTGCTCAACACCTCCCCATGAAGGCGGTGGTGGGCAGC  
ACCTCCAATAACTTGTACAAAGACATCCTGAACCACCTAGAGCAGTCTCCCAAGAGCGACCCCAAGA  
GGAGATGCTCCAGCTTCTGATAAAGCTGGCAGAGAACAAGACGGTCAAGCGGATCAGCGGATCAGGACGTGGTGA  
GGACTTTGTACGGACGTGTCCAGAACATAGTAGACAGGAACAAGCTGTTTGGGGCGGGGGTGGGGGT  
CCCTCGGCGGAGTCCACGGCCAGGGGCTCAAGAAGCAGGTCTCCGGCACGCTTTCAAGTGCTTGACCA  
ACCAGATTAACGAGCAGTTTGACACCATCCACAAGCTGGAGAAGGAGAGGGACATGATGCTCAGGAAGGT  
GCACACCTGGAGACCCACCTCAGCCAGTGTAGGGCCGAGGACAAGAGGCTGGGCGAGGTGACGATCACC  
TCCAGCTGCTCACCACAGACACCTGAAATCCCTGCTGAACATCCACGACTCCAGCTCAGCTGCACG  
CCGCCTCCGTAAACAAAGGAGACAACGTGCACAACAGCTTCTTCAGCCAGTACGTCCCGCCCTTTAGGGA  
GGTGAGTCAGGACCTCACCTCGCTGTGGGAGAGCGAGGTCTTCGAGACATTCAAGCTGACCCCGGTGATA  
GACAACCCAGGGACAGAGGCTGTACGTGAAGTACTCCAGGACACGGTCTCTGTGCTCTTGGGCCATTCA  
CCTACGTCATAACCAAGATGTATGAGATGGAGCTCATCAGGACGTGTACTCTCTGAGTTTGAATGA  
GATAGCGGATGGGTTATATAAGAGCAGCAGGCTATATGTATACATGCAGGACGTGGGGGCAAAGTACAAC  
CTAGAGTCTCAGGAGTACTTTGACGCGGCTCCGAGCATCCGAGCAGCCCCCGCGGCGGGGAGGACCC  
AGTCTCCGAGCGCTTCTCTCAGCAGGCCAGCATGAGACCCCTTAA

>GBEV0018 |Acc|NC\_001650 REGION: complement(155087..159124)|Ver|NC\_001650.1 GI:9628002  
|Equine herpesvirus 2, complete genome.

ATGGCTTCGGATGTCACCCAGCTGCTGCCGGGCATCCCTATCGCCACGAAAATCAGGAAGTGAAGTGT  
ACTATGCAGACAGCGAATTTTCCCTGCAGAGGGCAGGTTTGTGTTCAATTACACGGGCAGGGCGGGGGA  
CCTGACCTCTCAGGGGCGAGGCGACGCCGAGCACCTGCTGGTGGTCACTTAAGGAATGGGTCCGGG  
GATGAGGACCTGCGACCCCTGCACGCCCGGAGCTCAGGCTGCTCCACTTTATCCTGGCCCCCGAGGTCA  
GGTATAGCCACCTGGACCCCGTAGCCGCTGGAGGGAGGGGGGACAGGTCCCTGACCTTTGACTACGG  
GCCCGCCCTTACAGAGGGGTGTCCACGGACGCCCTTCGAGCTGGGCGGGTGTGACCTGATAGACTGC  
AGGAGCTGCTGAGGGTGGAGCTGGGCAGGCACCTTTGTACACAGGCTGGCCAGTACATAGGAGAGGACG  
AGATGAGGGTGGTGCACGAGGCCCTGGTCAATGACACCAAGCGTCCAGAGGTGGACCTGGGAGGGGCGGC  
CCAGAGGGGAGAGGTACCCGCCACCGCTGACCCCGGCCGCGAGGGGGGCGCTTTGTATGAGGGAC  
CCGGTGTCCATCTGATGCTGCCCGGGCCGACGACCATGCCCTGGGCATCCAGGCCCTCCACGG  
CCGCCAGCCCCCTGGTGAGGCAGTACATCATCTGACCACCCCGGGCACCATGTGAGTGTTCCTTGGGG  
CTCGGTCCCAAGAACCCAGCGTGAGGGAGGCGGTACCCATCTGCACAGCGAAGCAACCTCCATGGGC  
CAGCCCCAGCTGCAGGGGAGGTGTTTCACTCTCGTGTGCTTTCACAGGGTTTCCGGGGCGCCCT  
GCGGGTGTACTCTGTGATGCCCGAGCGTGGGCTACGAGGACGCGCTCCAGGAGAGATCAGGGA  
GACCCACGAGGGCCACGCGCGGTGCCCAACCACTCGGGGGTCCCTGTGACCTGCGGGTCTCTGAGGACC  
TTTGACGAGACGCGCCCCCTCTCCCTCAACACCCCTGGTGTGACCTCCACCTGGCCACCTGCCCG  
TCAGTATGCTGACACGTCCAGGTTTCATGAGGGGCCAGTACATAGTGGCCCTGGGCGACTTTTGGCCGT  
GGGAGGGCCGAGCGCGCCCCCTATGTGTACAGGAGCAGTCTTTCCTGTGCAACACCATAGTCAACACC  
CTGAACATGTTTGGCAAGACCAGGGCCAGAATTTGCATCTCGGGCACGTCCAGGACGGTCCGTTTCTGCT

CCACACATGCCCATCTGGGTCTCTGTTGCCAGGGGCGGCGGGTGTGTACCTCTCCAAGCTGCCACA  
 GGAGGCGCTGTCTCAGATTAGGGGCGAGGGGGGTGTCCCGGGAGGACCTCCGGGAGCTGGTGAACAGGTTC  
 TACCTCAGGGGTGTCTCCACCAGGTCTTTCTGGTCTCAAGGACGAGCCCGTGGGCGACCAGGGCAGGC  
 AGGGCTACCAGTTCCTGCAGAAGGCCGCGGGCTCAACGGCTGCGCCTTAGGGTCTGGGCGAGGACCTG  
 CGATCAGGAGGGGCTGCACTTCGTGGACGACCTGGGCGAGGGCGGGGGCGGGGAGGTGCCCCCAGGCGC  
 ATGGGCTACAGCCCCGAGGGGGCGGCCTTCTCTTCCCTTCGAGTCCCCCGTGAAGAAGACCACCCGGG  
 AGTACGCAGAGGGGGTGGATGTGCAGCGGGGCATGACGCTGGTGCAGGAGGGGGCCCTGGAGTGGGACAT  
 GTTCACGCCCTATGCCACCGTGCACGCCGTCTGTCCCATCCCACCGTGGCCAGCAAGGAGTACTTTGTC  
 AGGAGGGTGGACAGGTTCAGCAACGGGCTGGTGGAGCAGCAGCAGGGCGTGGGGGCTCTGGATTACCTC  
 TGGCGGACTACTGCCTGGTGGTGGATCCCGCGGTGGAGACTTTCACAGGAAGTAGCTTTTCCCGGGAGGC  
 TCACGAGGCGTCGGCGCCCCAGAAAACATAAGCGTCCAGGAGGCTCTCGAGCTGGCCGATGCCCCGAG  
 AGGTGGTTCGATTCCAATGGCGGGGCTGCTGCCAGACGCCCGGTGCCCGGCCACGTCTGGCTGCGGGG  
 AACAGGGCTACAAGATGATCAATAGCGGTGTCTGGGCGGTGAGTATGGCATCACCGAGGTGGTGAATAA  
 TATCATGCTGGGACCGGCCCTTTGAGCTGGCCAGCTCCAGATCACCGCGCGGTGCACTGGACGAGGGG  
 CCGGACTACAGGGCCAGCTGGAGAGGGCGGTGATGGCCTGCAGGAGTTCGTGCGCGAGCTGGGCGTCG  
 GCCTGGCCTTCACTCTGGCTGCTCTCTGCCAAGTACGGGGGTCCCTCACACTCGCCCCCGGGCCTGA  
 CTCCCTAAATTTAATCTCTCTCGCCGGCAAGGCCAGGGTGGACACTTCTGCCCCAGGCTCACGCCCCGAG  
 CTGCACGGCCCCGGGACAGTGTCTGATCCATCTATCTGTAAACAGAGAAGTGTGGTGGCCGGCTCTGTGT  
 TCAGTGCCTGCAGGCCCTGGTGGCCCCGCGGGTGGTGACCGCGGGCCACGACGTGAGCGACGGGGGCTG  
 ATCGCCTGTGCGCGGAGATGGCCTGGCCGGGCGAGTGGCGGGGTGACCTGGACATCCAGCGGGGCATCC  
 ACCCGCTGTCTGGTGTCTCTCAGAGACCCCCGGGGCGGTGCTGGAGGTGCCCTGGGCAACCTGGCCGG  
 GGTCTCGAGGCTCGCGAGCCCTTTGGCTGTTTGTGAATCAGATAGGGACGGTGGAGCCAGGACGGG  
 GAGGGGACAGTGGTGGTACCGAGGGGGGCTCGGTGGTGTTCAGGGACAGCCTGGCCAACGTATGAAGT  
 CCTGGACGTCTTCGCGGACGAGCAGTCTCCAGGTTCGGGGCCTGCCTGAAGGAGGCAGAGATGTACAG  
 GAAGGACTACGGGGACAACGAGCTGGACGCGGGGTCCCTGGAGGACGCGTGCAGCGGGCGGGGAGCTGACC  
 CTCTACAGTCCCCCGGGCGGGGTGGGGGCGGGCGGTGCTGTGCTGCCCGGCTGCACCGAGCCCTGG  
 CCGCGCTGCACGCCCTGGTCAACTCCGGCTTCGAGGTGTCCGTGGTGGGCCCCGAGGACCTGGCTCGTC  
 CCGGACGGGCTGGGGGCGTTCGCGGGGCTCGTGGTGGCGGGGTACGGGGGCGCGGCCAACTACCGG  
 GCCTCCAGGGGGCTGGTGCAGGGGCTGGTGGCCGAGCGCGCGGCCAGGGAGACCGTGTGGTTCCTGA  
 ACAGGACGGGCACCTTCTCCCTGGGCTCGGGGAGCTGGGGATGGAGTTTCTGTGCGCCTTCGGGGTCTT  
 TGACGCTGCCGCCCGGAGGGGGCGGGGAGGGGGGAGGAGAGGTGGGGAGGGGCTACCGACCAAGAGC  
 TTCGGGAACAGGCTCATAGAGCTCGAGGCCAACGCCTCCGAGCTGCCCGAGAGCCTCTGGCTCAACTCA  
 GGGTGGCCTGGAACACGCGCAGCGTTCGCGCTGAGGACCTGGCGGGTAACATCTCCCTGTGGGCGTA  
 CGGGACGCACTTGGGGGTAGGTACCGCGCGGAGGGTGGAGTACTCCCTGGACGCCCTGGGCATGATC  
 GCCCTCCACTACCACGGGAGGAGGGCCAGGACTGGAACCTTGGCAGGAACCTACCCCGCAACCCACGG  
 CCGTCTCCACGGTGGCGGGGCTGTGCTCCAGGGACGGCAGGCACCTGGGCTGCTCTGCGACCCCTCGGC  
 CGCCTACACCCCTGGCAGTGGCAGCAGTGGCCCGAAGGGTGGCCGGGCTCAGGACCTCCCCGTGGGCT  
 GTGCTCTTTCACACACTTTTCTGGACACACTAAAAAGTATGAGTTAG

>GBEV0019 |Acc|AF514779|Ver|AF514779.1 GI:22087525|Equine herpesvirus 3 DNA polymerase gene, partial cds.

CAACGGCTTGCTCCCCTGCCTCCGCATCGCGGCGACGGTCAACACGATCGGGCGAGACATGCTGTAGGC  
 ACGGGGACTACGTGCACGCCCGGTGGGCCACGCGGAGCTCCTTGAGGCCAAGTTTCCCGAGGCGCGG  
 CCCACGCGCGGACGGGCCCTACTCGGTGCGCGTCAATTACGGGACACGGACTCTGTGTTTATCAAGTT  
 TGTGGGGCTGACGTACGAGGGCGTATCCGAGCTCGGGGACGCCATGGCGCGCCAGATCTCCGGCGACCTA  
 TTCAAAGCCCCATTAAAGCTTGAGTGCAAAAAGACCTTCCAGAAGCTGCTGTGATCACCAAAAGAAGT  
 ACATAGGGGTATCAACGGGGGCAAGATGCTGATGAAAGG

>GBEV0020 |Acc|AF514778|Ver|AF514778.1 GI:22087522|Equine herpesvirus 3 putative DNA packaging protein gene, partial cds.

CACCAACACCGGGAAGGCAAGTACGAGCTTTCTGTACAACCTCAAGGGGGCGGCGGACGAGCTGCTCAAC  
 GTGGTGACCTATATCTGTGACGACCACATGGAGCGGTAAAGGCACACAAAACGCGACCCGCTGCTCGT  
 GCTACATCTCAACAAGCCGCTTTCATTAGCAGCGCGCATGCGCAACACGGCCGAGCTCTTCTT  
 GCCGGACTCGTTTATGACAGGAGATTATCGGCGGTGGGGGCGTAGTGGGGGCCAGCGCGACGAGCCCGTG  
 TTTACCAGAACGGCGGGAGACCGCTTTTGTCTACCGCCCATCGACGGTGGCGAACCAGGCGGTACTGT  
 CCCCAGACCTCTACGTGTACGTA

>GBEV0021 |Acc|AF081188|Ver|AF081188.1 GI:3415100|Equine herpesvirus 3 glycoprotein G precursor, gene, complete cds.

ATGAAGGGCGCCGGCGCCGTAGTGTGCGTGCTGAGCCTGTTGGCTGTGGCAAACGTGTCGAGGGCGCCCG  
CCAAGCTTTGTACGCGGACCCGCGCGACGGCCCTGAGCCATGGCCCTGCTCCCGGGGCCCCATGGACAA  
CGTGACCGAGCCTACAGTTAACGCGACCGAGCGGTCCAAGGGCTGCGAACTCAGACTCCTGGAGCCCCG  
GTAAACGCGGCAAGCGGCCGCGAGCGGGTAACGCCACCATCGCCTGGTACTACGACCTCGGGATCT  
GCCGCGCTCCGGTGGTACTCAGAGAGTACTACCTCTGCGAGGGCGACAAGATGCCCTCTCCCGATACGTG  
CGAGGGCTACTCGTACACGGTCGCGAGAACAGAGGGCTTCGTAGAGTTTGTCTTGTCAACGCGAGCCTG  
ATGCTTCAGCCCGGCATATACGACAGCGGCGACTTCATCTACAACCTCCGGTTTGGGCCCCGACTTGTATA  
GCGGTGCGATCGCCTGCGCGTAAGCCGGAACCTGGACTACCCCTGCAAAATGACCCACGGGATCACGCG  
CCGCGACACCTGCGAGACCATTACAACATAACCCGGTCTCAAACTCCGCCCAAGAGAGCCACGGGC  
TGCTTCCCCGCAATCGTGGAGACAGAGCGTGGACCAACGTGTCTCTCGGCAGCCTGGGGCTGCCAAACG  
ACTACGACGAGTCGGATTTACCGATGACGATGCCGAGTTCACCTACGACAACATTTACGACTGTCGCGA  
GTATAACCTTTTTGAGCCAAAGCGCTCTCTCGGCCTTGGCAGGGGCCCTCAATCCCTGCTCATTTGGCGCC  
CTGGGACTTCGCATCCTGAGCCAGCGCTGGTACATGCTGCCGGGCGAAACGTACGACCAGCTGCGGCAAA  
ATTCCAGAGGGTCTGCCCGCGGCGCAGACAGGGAATCCGCGGCCGACGTAACAGAACCCGAAGAAAAGCC  
TTCGGA AAAA ACCCCGCTTCTCCACCGATGACGAGGAGAAAAGAAGAGGAAAACGGGGATAACGAG  
CCAACCCGAGCGCACCGGCCCGGGATGCGACGAGCAAGACGACCTGCCGACGGAGACGGATCTCCGT  
GGTACACCGGCGGCATTCTCGTGTCCGGTCTGAGTGGGACGACGAGAAGGGGACCAACTACGCGGGTAT  
CGGCTTTCTCATCTTGGGAGTGTGTCTCCTCATCGGCCCTCATTTGTCTACGTTTGCCTGCTGCGGTCCAGA  
GTCTCCGAGCGCAAGCTCCACAACAGCTACTCTCGCTTTTCGAGACGCCACAACACCCAATACCGCCGCC  
TAGATTTCCCCCGCATGA

>GBEV0022 |Acc|NC\_001844 REGION: 90699..92396|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

ATGGACTCCTCACCCGTAACATACAGCGGAGCACCTCCGTATAAGCTGCGTCGCTCAACACATCGTACC  
CATACGCCCTCTAAGCTACGCGAGCGCGACAGTTTAACAGTTGAAACATTTTCCGGATACATAAACCAGGA  
GAGTATTTCCGAGGAAGAAGTTTACGAGACTATGGCTACTACCGCTGTCTTGTCTACCCGGATGTACCTA  
CCATCAGTTTTACCAACGGGATAGCCACCATGACGTTTTTGGATCATTTGAAGAAAAGCCTCCCACTTC  
CCCATAGCGATAAGCGATTAAACCAATCTTTATCGTCTTGCTACATACGCGACCTGGTGGGACAAAT  
GGAGATTGAGGGCATAGTCGAGCGTGAACCGCTTCACGCCTACTAGGTGCCCGTAAGCCAGCAGGATTT  
GTGGCGGGAACCTACACACACGCTCGAGATTTGTCCAAGACAATGTCTATAGCAAACATTCGGGATGCCG  
TGCTAGCTATAGAGGCGCAAACCCGCGACACAGAGCGAAAGCCAACGTGTTGGGCACTACTTCGGCGTGGCTT  
AGCTACAGCGCTTACCATGAAATGGGGGGCGCTCGGACCACAGTATCACCCGCACTGGTGTGAGCTTAGT  
ACCAATTTCTCGCGGAATCCCAACAATCCGGCGCTCCAGTTTGGTCAAACCAACGAACGAACCGGAGGT  
CTTTAATCTCTGCTCTTTATGTAGCTCGTTCCGAAGCCGCCACCCAGATCTGCTGATGGACCCAGGATG  
TGGACAATGCTTCATGTTTACGAGTCTGCTAGTGTTCCGCGCGACGCCTATGCATGTGGCTTACTCATA  
GACGCCAAGAACAGGTGTTGTGGGGGCATCTTTGGATATGCTTGTGTGTGACCGGGACTCCAACGGGGTAC  
TCTCTCCACACTTACCCCAACTACATTGGATTTTTTGAATTAAGTGACAGAGCTAAGTATCTATTTGA  
CCCCGATTTATTTAGCCCCGTAGCTACGGCCTATGCCAACTTGTAAAACATCGTACCGCAGTATGCTTG  
CGCAAATTTCTGCGGTCTATTAAAAACCCGCGAGTAGAGTACTTTGCTTCCAATCGTGTGCCGGGTGCAA  
CAGAAGCGCTGATTACATGTAACCTCCTCGTGGAAACCACGTGAGGTAAATGAGACTAACAGGCGCTGTGG  
TGACTTTGATAAAGATCATCTTGCTTTAAACCTGGACGCGTCATCAGACGTTTGGCTATTTAGTGAGCCG  
GACCTTGAGCTACAACTATTACTCCAGCTCGCTGGGATACTGGAGAGTTGGCTCTGTGAGTTCCGGTAT  
TCGCCAACCCGAGACACCCAACTTTAAACAAATACTTGTTCAGGCATACGTGTTGTCTGGTCATTTTCC  
AAACCATAAACTTCGGCCGTTTTTGGTAACGTTTATTGGCCGCCATCGCAAGAAATGTGAAGAAGGAAAA  
ACGTTTACAATTTGTATCGCCCGGAGGGGAGCCCATACAACCTGAACGAGGTTGTTCACTCCAGCTGCG  
CTATTCCCATTTCTCTGATCGTGACTCCGGTGATTGTGGACCGCGAGGGTTGCTGGGAAGACATTGAAAT  
TGAGAGTCTCACCGCGTTTAAACAAACTTCGGACGCAATATGGGACAACGACTCTCGTGTGGATGTTTTTA  
GAACCAACCAGCTTGTA

>GBEV0023 |Acc|NC\_001844 REGION: complement(92681..94033)|Ver|NC\_001844.1 GI:9629732  
|Equine herpesvirus 4, complete genome.

ATGGCAGACGTGGCGCTGCTGTCTATCGAGGAGCCTTTGCTGCCGTTGTGCGGAACATATGGGGACCGGTC  
CAATTGAAGGCATTAACCTGGAAGATGTGGCTTGTGCAAGTGTCTGTTTTCGCACTTACAACCTCAGTGCT  
TTTTATAACTCTTGTGACGCGTCTCTTCAAAAAACCGGATATCCGTGTTTTTATGGGTCTCTGGTAGAC  
TACACACAGGAGAACCACAGCGTGGTTAACGGGGTGTGGATGCAAAAAATAGTTGGTGGGGTGGCACCAA  
CCCTGTTTTTAGAGACCACGTGCTGGTTGCATTTCTTTACTACTTACAATCGTACTGATGGCCATATC  
ATTATACCTCATAATCTCGGCACTTCTATTACGCAATTCGCTCGGGGTAAAGAGTGCACAGCGGTGTGCT  
GGATGCTCCCGGCCACTACCACTCATTCGCTCCCATGTGACTCTCGTGTGGGAACGCTGACTACGT  
GGCTCTTACAGGTTGTAATTTTGGCTACTTTACACACAAGCAAGTGGTTTGGCAGCGGCAGCTTACATAGT

CCATTTTGTGTCGCTTGTATTTTTTGCCTGAGTTTTAGCGGACTCGGAACCTCAAGCGACCAGTACTCT  
AGCAACCTTCGCATCTTAAAGACCAACATGCCAGTGCTACATCGAATGGCGGGCCACGGACGCGCGGTTA  
TGACCAACCTAAGCCTGGGCATGCTTGGAAATTCCTGCTTACTGTCCCTAATGCTAGGGGTAATACT  
CGCCAACAGCTTTACATCACTTTGTGGCAAACGGTAACAGTAGCCGTGGGTGTGTTTGTGGCCCTCGGG  
CTATTGTTTTTGATAATCGTCGAACCTGTGGTGTCCCACTATGTGCATGTCTAATAGGACCAGCGCTCG  
CTGTTTTGGTGGCTAGCTCTACGCTGGCAGTGGCTACCCACAGTTACTTTGTTTCACTTTCATACGATGGT  
TTCTGTCCAGGCTCCAAATCTGGCCACTGCTTCTAAAGCAGTGGTGGGAATTATGGCCGTAATTTCCATA  
ATCATGTAGTGTGTCGCTAGTAAGAGCAATTATGTTTTCAAAAAAGCGTAATACAGAATTCTACGGGC  
GCGTAAAAACGGTGTGCTCAAAGGCGCGAAAATATGTCAACAGGGTGAGAGGACCCCGCAGAACTACAAA  
ACCTTTGAACGTTGCCGAGTCCAGGGGCATGCTCTTGAATGAAGACTCAGAGACGGACTCAGAAGAGCCA  
ATTTACGACGTTGTTAGCAATGAATTTGAGACAGAATACTATGACGACCCCCACCACGATTTGAATAGAA  
ACTCGCGCAGAGATTACCGTTAA

>GBEV0024 |Acc|NC\_001844 REGION: complement(107637..108296)|Ver|NC\_001844.1 GI:9629732  
|Equine herpesvirus 4, complete genome.

ATGTATCACTCCCAATTGGGTGTGTCTCGCAAAAACTGTACATAAACCGATGTACGAAAGCTAAACAGC  
CACCTAGTTTTAGAGTCTTTTAAAAGAATGGGGCGCCGATGTTCTGTTGGATTAAAGCTTGAACCTAATCTA  
TATGATAACATGGCTTGTAGCTACCAAGCTAGCGAAGTCAAATAAGCTGGAGTTTACGTGGTTCATCGGGT  
GAACCCAAGCGTATTTTAGAAGCTAGCTGCGGTAGTGGGCCTATAATGAAAGGCCAATATTTACACCCC  
CCAATGTAAAAAATTACTAAACAAAACGCTAGGGATTATGGTGAAGGCTCACTGCACACCTCCAGAAGC  
CATTTTGTGGGTGACATACCAACCCAAACCTGTTTGGGTTAATCCATTTCGGCTCATTACAGGTTTGGCT  
GAAGACGTCACAAACGGAACATTTCCCAAGACTTTAAAGAGATGCTCCTTCTTGCCTTAGATGAGTCTC  
TTACTCAATCTCAGGCCTCTCCAGACGAGATATTGGGCCCTCCTCCGCTGGGCTGTTTTGCGGGGCCCTTT  
TTTTTTATCAACGCCAGAGTCTAAAGAAATAGCTGAAGGAGTAAAGATAGCTGCATACAGCTTCATAC  
TACGCGAAATTCAAGAACTTCAGAATGA

>GBEV0025 |Acc|NC\_001844 REGION: 127455..129707|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.

ATGGGGTTCATCTATGTTAGCAGAATACTGCTATGCCTGGCAGTTGGTATTTATGCCATAGGGGCAACAA  
CCGCGGAACTACTACCGCTAGCTCGTCAACTTCTGGAAGTACCCAGTCCGCGTCTAGCGAAACTAATAG  
TAGTAGTTCCCCCACCACGGGCCCCACTACCACATCTTCCCAAACATCCTCTTCTAACTCTACCCAAACA  
CCTTCAACGTCTCAAACACCCACTACTAGCTCGTCTACCGTTTCCACAACCTACTACTTCAAACCTCAACAA  
ACGAAAGTTCTACTGCGACGGCTACATCAACTGCAACTCCAACATCCACAGAAGCTTCTACGTCAACAAC  
TACATCAACCTCGGTGTCCGAATCACCACATCAACCACAGCTACCACAGCTGCTACTACCACAACTGAA  
TCCACCACAACCTGAATCCACCACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTACCACAG  
CTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTAC  
CACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCTACTACCACAGCTGCT  
ACTACTTACAGGTCCACCGCAGCTAACACAACCTCTACCACATCGGCCACTGTAACAATAGCTCCAACAAC  
ATTTACGACTAAGTATACCACAAATCTTCTCGTCTACCGGGAAAATAAACACCTCCAAAAATACACCAAAA  
CCCCACAATATACTACAGCTTCCACGGAGAAACCAACTAAGGCGAATCTTTAACAGCGGCGAACGCAA  
CGGGCTTATCCACCAAAACCCCACTTTATTACGCCCCACAAACAAGCCCAACACCTAGCGAAACGCT  
TGTGGGTACCAGAGAGTACTTGGCAATCACCTATGGAAAACTACATATACAACCTCCCACTAATGCCCTA  
AGTTCAACTAATGTTTGGCCTGCCAGAGATAATAGTTCAACTCAACAAACAACCCAACATGACTACATAG  
TAACTACCCAAAACCTTACGGGACATTTACACCAGCACAGGGCCGCGCAATGGTAAAAACGTCATATA  
TAAGTCTCACCACATGAGTGCAGACAGATAGGTTAACGCCACACACGGATTACCACTATTACTACGATGAT  
ACCGATTACCCACAGGACGGTTCAATTTGAGCGTGTACCCCAACCCCAACAGGCAACCAACACATAGAGC  
TGGGTGTGGCTACGCTTAGAAAAAATTTTTGGTGGCAACGTGTACCGTGGAGGCTACTATGGGCTTGTG  
ATTTTTTTGGAAAATTTGGCAACGCCAGCGTTGACGCGTTTACGAGGGGAACAACGCATACGCGAGTGATG  
CGCAATGGGTCACTGTGTTATGCGCTAATATCTACGCTAAAAATTCGGTGGGTAAATGTGATTCATTA  
CCGAGATTACTTGGCGTGTGCTGTAAGACAATTTTATTTGGCAATGAAGCTGATCTCACCTCGTGCACCGT  
TAAATCAACCAACAATACCATGTCCAGGCCAACACGCACCCATATTTTCTTTCTATGAAGGGGGACAGA  
GCTGTTTGTATACATCAGAACTTGGTCCCCACCAACTATAACATGGTTCGGTTGGATCAAACAGGTTGC  
ACAACAATGGATTTACGCAACGTTGGTATGAAATAACCTGGAGTGTGTGGAATATTGCGTAGCGAGGT  
CCACATTAGCCGCGCTCTTGGCGCTTGGTGCCCCAACGCGGATTTATCTTTGCGAAGCCACAGTATCA  
GATGCAAGACGAGTGATTACAAGGTTTACCTAACGCTTACTCGACTTCCAACCTTCGCTTTAGTGGCTG



CGACCACGCTAACAGTAACAATTTTATGTTTGTGCTGTGCTTGTACTGTATGTTAACACGCCCCCGGGC  
GTCCGTATATTAA  
>GBEV0026 |Acc|NC\_001844 REGION: 129798..131006|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.  
ATGTCTACCTTCAAGCCTATGATGAACGGATGTTTGGTGTGTCGGCTATTATAACGCTCTTGAGTTTTAA  
TGCTATCTCTGGGAACATGCGAAAATTACAGGCGTGTGGTTCGGGGGAACCAAATCAGCGACCCGAGTT  
TCCACCACCCCGATACAACCTTTACAATTGTGACAACATACAATGAAACGTCGCTACCATCACCCTTTATT  
AACGACCAAGTAAAAATTGTTGACGTTTGAACCGTGGCTGCTACACGCCCATGTGAAATGATAGCGCTGA  
TTGCAAAAAACAACGTAGACTCAATTATAAAGAGCTAGATGCTGCCACAAAACATATTCCGCAAGACT  
GACTTGGTTTAAAATTACGCCAACATGCGCAACGCCAATCCATGATGTGTTTATATGAAATGCAATCCA  
AAGTTATTATTTGGAATGTGTGATGAGCGATCAATATATTATGGCTCAATAGTTTGATTACAACCTGCTG  
CGGAGACAGACGACGAACCTTGACTTGTATTGGCTCCCTGCCATAGCTACTCTGGACTGTATAGGCG  
CGTTATACAAATTGATGGAAGGCGAATTTATACAGACTTTTCCGTAACAATTCGAGCAGCCATTGTCCG  
CTTTCTTTTGTAGCAGAACCTTTGGTAATCCTGATCGCTGTAAACTCCTGAGCAATACTCGCGGGGTGAAG  
TATATACAAGTCGTTTCTCAGTGAATTTCAACTACAGACAAGGTGTACATTTAGCATGGGTAAACACTG  
GTTTGTGCAAGATGGTGGAAACCTTCCAGTACAGTTTACGAAGCCAGGCGTTTGCAAGACCAGTACCA  
CCGGATAATCACCAGGATTTGATTCGGTCGAATCGGAAATAACACAAAATAAAACAAACCCAAAGCAAG  
AACAGGCAAGTCCAAAACCCCAATCCACCATTTAAGTGGCCCAAGTATAAAACAATTTGGCCCCAAGATCGA  
TGAGGTGGATAATGCCAAAGAAATCACCACAAAAAACACCAGCGTCTAATAGCAACTCTACGTTTATT  
GGAGTTGTTATTGGTTTGGGTGTTGTTGGCTTGATATCAGTTGGAGCAATTTTATACGTTTGTGGCGTC  
GAAGAAAGTCACAGAACAAGTCTGGAAAAAATGGCTCACCTAGCCTACGCTCTACCTTTAAGGATGTCAA  
ATATACTCAGCTTCCGTAA  
>GBEV0027 |Acc|NC\_001844 REGION: 131111..132373|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.  
ATGGCCAAACATACTGTATTGTTTACTGCTTCGATATTACTAGCTATATCTATGTGTGCAACCGCAATTA  
TATATCGCGGAGAACATATGAGCATGTACCTCAACGCCAGTTTCAAGAGTTTGCAGTGTACCCAAAAGACAA  
GTCTCTAGTAGTGTGTTGGACACATGCTGTTTCTAGATGGACAACGACTCCCAACTACCAACTATAGTGGA  
CTTATCGAGTTGATTACATCACAACTACTCTAGGGGCTGCTACTCTGTCAATCAAACAATATCGTATGAAT  
CATGCCCGCGTGTGGCCAATAATGCTTTCAGATCTTGCTTTCACAAAACCTTCTAATCACAACCAGGACTA  
CTTTTCATGTGAACACCTCTGTAGAACTAACGTTCTCTTAAACATTACCCGGCCACAGCCCGCAGATTCC  
GGGGCGTATATCTCCGCGTAAACTCAACCACGCTCCACGGCAGATGTTTTTGGTGTTCGGCCTTCG  
TTTATGATTTTACAATTAACACAGTTCAGAGCCAGTTCCAAACCGCTAAAGAACCCAGTAATGTGTTTAC  
ACGGACACCTGCCCTGCACCTGCTAACACCTCTACCAAACTGGCTCCAACACAACATCGTCTCAATCG  
ACGTGGTTGTATCTCCGACTCCTCGCCAGCCTTGGAAACACACCTCACTACAGCACCAGGCTAACGAAA  
CTGTAGTTAGTGGTGATACCGCATGCTCTGTCTAGGGTTTCGGCCATCAACCGCAGTACCAACAATATA  
CATGACTCTATTAGGACTTACTGGCAACCTACCCGAAGATGTTTTGCTAATAGAGGACTCGGAGATTCTT  
CGTACACCACCCCAAAACCGCAACCACTTCTTCCAGAACTGAGGGTGATGACTTTAAGCAAACAACT  
CAACTTCCCCAAAATCGCGCAATAAGATTGTTGCGATGGTGGTTATTCCAAACCGCGTGTGTGTTAATGTT  
GTTGCTGGTGGTTGTTGGTGCAATCATCAACGGTGCCGTGCGCAACATTTTCTGAGCTGCGCAAGCCCG  
AGAATCTACCGCTCAAGACAAGGTGGAGTTTCATCGTCAGAGTGGAGCCGGTTGGCGTGTGGGCCACCT  
TAGCAGCTCATCAGAATCGCTGGCTGATGATACAACGGCTCGCCACCATCCCAAGCCTACAGAAAA  
ACCTACACCGGAAAGCGATCCTCTTCTAGAACAGTTGAACCGTAAACTGGAGGCCATAAAAGAGGAAGAC  
TAA  
>GBEV0028 |Acc|NC\_001844 REGION: 132593..134239|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.  
ATGGAGCTGTTAGACTCCCGCCGTGCTTTTTTCTTTTTTGTACTAATAACAGTACTCGATGCGTGGGGAG  
TTCAACGGGTTGAACTCACCGAGGGGGCATGGGCCATGATCGACGGAAGAGACGTTTAAACCCCAACTAA  
CACGACCATAGGTTACAAAGGCTTGACATTTTGGAAACCCACCGGGATGTGCTGGTGATATAACA  
GTCAAGACTGTGTGCGTAAGCGCTAGTCTGTGCGAAGATAACATTATAATAGGAAATCACTGTAACCTAC  
TAACCGGGGAGCATGGCATTGCGCTTGACAGAGTTTAAACGTAGTTAACGGATCGCTACAAAGGACCAAGA  
TGTGTACTTTGTTAATGGAACAGTTTTCCTATTCTGGCAGAAACCCGAGCGTGTACAAATTCAGAGG  
GCAACCCATCCATAGCTGAGTTTATACTCTTATGTTTGGAAACCCACCGGGATGTGCTGGTGATATAACA  
TATTGCTCACCGTAAAGAAACCAACACTACCACGCGTACATGTCAAGACGCCCTCCACCATACTAGT  
TCCCCAGGTTACACCAGAGGCACATACAGATTTTATAGTGCAGGATACCACTCGCGCGTATATGCTGTG  
GGTGAGTCTTTGACCTGTCTGTGCACCTAGAAATCCACATACAGGAGTCTAGCTTTAACGCTGAAATCC  
AATGGTACTATATGAATACGTATCATCGTATCATGCGATTTTGTTCGAGTTTTTGAACATGCATTTTCA  
CCCAACCGCTATGGCTGCCTGCACCCGAACAACACGCTGCTGCTTTACATCTCCCGTCAGGGCTACG



AAGATTCTTCATCGAGTATATGGTAACTGCAGCAATCGTGGATCCACATGGCCTTCTCGGTGCCATAGTA  
CTTTGTTGGGCGATAGGCCACATTTTATCCAACCGGCACCAACAGGGTAGACTTGTATTCAAAGATAT  
ACCCGAATCAGCGACCGGGTTGTATGTGTTTGTGTTATTGTACAACGGACATCCGGAGGCGTGGACGTAT  
ACGTTGCTTTCTACAGCAAATCACTTTATGAACGTGCTTACGGACCGAACACGCCACGGCTAGGAGAGC  
ACTTTTATACGGACCACGGGCACCAGCTTTTCACTCCTCATCCATCTGAGGCAACAACCTCAAGAGTTGGG  
AGCTTGGACCAGACACTACCTCGCTTTTGTGTTGATCATAATCTGCACCTGTGCCGCGCTGCTAATTGCC  
TTGGTGGTGTGGGCTGCATTCTATACATCCGAAGCAACCGCAAGCCGTATGAAGTACTAAACCCGTTTG  
AAACGGTTTACACAAGCGTTCCCGACGATCCAACCGACGAAGTCTTGGTATTTGAGCGTCTGGCTTC  
AGACTCCGACGACTCCTTCGACTCAAGTTCAGACGAAGAATTGGAACCTACCACAACCTCCACCAGCCGCA  
CACTTTCAGCCGTATAGTTCACTAGAAAGTGCAGACGCGTCGAGAGGCCGGTTCGGGTTCAAGGTCTGGT  
TCCGCGATACACCAGAGGCGTCTCCGGAGCCGCTTATAGACCAACCCACCCGTCGGACCGGACTACAG  
CAAGGTGCGCTCAAAGCTCAGGTCTATCCTAAATGA  
>GBEV0029 |Acc|NC\_001844 REGION: 77301..81428|Ver|NC\_001844.1 GI:9629732|Equine  
herpesvirus 4, complete genome.  
ATGGACCGGCGCTCTGAAGCGTTTAAATTCGGGTTCCAGAAGTAATCCATGCCGGGCAAATTTTATCAA  
CTATAGAGGTGTCATCACACCGCACGCTGTTTGACTTTTTTAAAGCAGATTGCTCTGACGACAATGGCTT  
ATACGCAGCGCAGTTTGACGTGCTACTTGAACATATTGCAACACGTTAACACTGGTGCGGTTTTTGGAG  
CTCGGATTATCCGTATCGTGTGTGTGTTACTAAGTTCCCAGAGCTTAATTACGTTAACGATGGCACAATTC  
AATTTGAAGTACAACAGCCAATGATAGCTCGGGATGGTCCCCACCCAGTGGATCAGCCTACCCACACCTA  
CATGATGAAGCACATAGAGCAGCGATCCTTGAGCGCGGCTTTTGCTATTGCAGCTGAGGCTTTGGGTCTG  
ATAGGAGGCACCTTCCCTCGATGGAACCTCAGATCTCGTCTGCTGCGGGTGAGAGCTATACAACAGCTTG  
CTAGAAATGTGCAACAGTGTGGACTCTTTTGAACGAGGCACTGCCGACAGCTTTTGCGCGTTTTTGCT  
GGAGAAGGCTCCACCGCTTACACTTTTGCTCCTCTGCAAAATTTACCGAGACGAGGGCCGCTGGCGTCT  
CGGTAATCGCGCGCTTCTCGTTTCGAGCTCAAACGGCGGGTAATAGAAGATACTTTTTTTTAACTA  
AGCACGAGCGTAACAGAAAGGAGCTGGTGGTATCCCGCCTGGCTGAGCTGGTAAATTTGTACAGCTCCTTC  
TGTTCGCGTTACGCGAATGACCCACTCAGACACAAAGGGAAGACAGTGGATGGTGTAAATTTGTCACTACT  
GCTGGTGTGCGCCAGCGCTTATTACAGGCGATCCTAACCTTGGAGGATATGGCCGCGGACGTTCCGGTAA  
CTATGGCGAGATGATGATCAGCGGCGACGAACCTGGTTACAGCGCTAGTGATGGGAAGGCCGCTGAGAAA  
CTTAGACGACGTGGCCCATCACTTGTGGGAATGCAGCGCGATCAGGTTAGGTCTAATGAGCGCATGATT  
AAAGACTACGAAGACGTACCCAGCATGGCAGCGGTGCGTGCCGACCTAGTTAGTGTGGGAGACCGTTTAG  
TTTTTTTGGAGTCTTGGAAAAGCGCGTGTATCAGGCGACAAACGTTCCGTACCTTTTGGTTGGAAATTT  
AGACTTGACATTTTATCATGCCACTTGGAACTCTTCAAACCTGCCACAGACAGGTACTCGCGCCACGCGAGGA  
AGCTTCACGCCAACCCAGGACAGCCAGATCCCCGAACCTACCCACCCAGACCGTGTACTTCTTTAACA  
AAGATGGAAATTTGTACAGATTTCTTTTGATAGCGCCGCTGGAACGGTGTGCCACAGCTCGTTTTTGGGA  
CGTAGATGCTGTGCTGGTGGCCATCAGGAGGGACCTCAGAGCTCCACTGTGCATTTGGGGCTTACGTA  
ACCTTGACCTTGCAGCAGCTTGTGTCGACAGGACGCTTTTGTGAGCGATGGCATCTGCTGATGC  
CAGCGCGCCCGCTTGGACCGCCGAGCGCTAATGTCAATAGATCAGCTTCTCTCCCCCTGCAACGCAAA  
CTTACGCTTAGAGCTTACCCAGCATTTGATTTTTTTGTGGCCCCGCGAGATGTGGCACTTCCAGGCCCA  
TTTGACATGCCAAACGTATGCCCACAGTGGTGGCAATGCCCTCGTCTTATCAACGGAAACATTCCACTTC  
CCCTCTGCCCCGTGGAATTTCTGTGACAGTCCGCGGCTTTGAGCTTAGCGTAGACAGACAGGCTAAACCC  
GGCTACGGTTTTTGGCGGTACGTGGCACAATCAGAGACGCCAATTACCCTATGGTGTTTTACATTCTCGAG  
GCCGTTATTATGCGCAGCGAACGCACATTTTGTGCTTTGGCCAGACTCATAATGCAGTGCATCGTCAGCT  
ATTGGCGCAACACCCACAGGTGGCGTTTGTAACTTTTACATGCTCATGTACATTAACGCTTACCT  
CGGAAATGGCGAACTGCCAGAAGAGTTACGGCTATTTACCGCGACCTCCTGGAGCATGTGCAGGCTCTC  
AGAAGACTTGTAGTTGAGTATACAGTCCAGGGGAAGCAGTGGGTGGACAGGGACAGCAGCGCTAAACA  
ACCTCCTGCTCGATCCAGCTTTTACTTCCACCCCTGATTTGGGACTGTGACCTATCTTGCACAGGGCTGA  
TATGGGCGGAGCTCGGGCAGGATCTATGGGTGGATGGGGTAGACTATGCAGCAATTCCTTTGGGTGGAG  
ATGGCCAGTCCGCGCACTTAGTTCCAAACACAGCGCGGCGCTTGGTCCACAACCGACCCATACGCGGGGAAACA  
AGAGAAACCAATCGTTCCTCATCAGCACCCAGAATGGTCAGTATTATCGAAGATATACTACTACGCAGT  
GGTCCCTGCATTTTACGCGGAAACTGCTGTACCATGGGAATCCGATATGACCGCGTATACCGCTTGT  
CAGACCGTTGTTATTTCTGACCTTGGGGCAGAAGAAATGCCCCCACCAGCCCCAGCGACCCGCGCCACC  
CGCTCAATCCGCGCACTTAGTTCCAAACACGCTAAACATATTTTACAAACGCCAGAGTAGCAGTGA  
CGCCGACGCGCTGCTTCTTCTTACAGGAGTGGTCACTAACATGGCAGAGCGCACAACTCCCATATTGGCT  
ACAAACCGCTCCGAGCAGGAACGCTTACCGCAGTAACACAAGAGATGCGCACTTTTGATGGAACCCCTCC  
ATCACCGCATTTTATGATGGCTTACCAGCGCAACGACGAACGCTTTTAGAGGGTACCTTCTTTTAAACC  
CGCCCCAGTCAATGCTCTTTTGGCTGCCAGATCACTAGGGGCACTTACCGGCTTAAATGCAAGTA  
TTGGAAGCCGCCAGAGACGTGCTCCAGTTCCTCACTTTTTTGGAGGGAATTACTACGCGACGGTTAGAC

AACCTGTGGCGCAGCAGCCATACAGAGCCGCGTGGATGAGAACACGCTAACATATTTCGCTTATGGCTGG  
GTACTTCAAACCTGGGTCCCATAGCCCTATCCCATCAATTTGCCACTGGGTTTCACCCAGGGATTGCATTT  
ACCGTTGTACGGCAAGACAGGTTCCCTTACGGAAAACATCCTCTTTGCGGAGAAGGCGTCAGAGTCATACT  
TTATGGGCCAGGTACAGGTTAACCGCCACGAGGCTGTTGGGGGGGTTAACTTTGTACTAACTCAACCGCG  
AGCCAACGTTGACCTGGGAGTGGGGTTTACAGCTGCTTACGAGCCGCGCGCTGCCACTCCCGTAACAGAC  
ATGGGAAATTTGCCTCAGAATCTGTATCTAACAGAGGTACGATCCCAATGCTTGACGGAGACGCAGACG  
CGTATTTGCGGCGGGTGTAAACACCGGAAACCGCCTAGGACCCCAAGGTCCCCGCCCTATCTTTGGTCA  
GCTGATGCCAGCTACACCTGCGGGCGTAGCTCACGGTCAAGCGGCGGTATGTGAATTTATCGTTACACCG  
GTGTCGGCAGACCTTAATTATTTTAGGCGACCCCTGCAACCCAGAGGGAGGAGCGCTGGACCTGTATATG  
CCTGTGACGGTGAGGCCGATGCCGTGGATGTTATGTACGACCACACACAGGGTGATCCCGCTTACCCCAA  
CCGTGCTACCGTTAACCTTGGGCTTCTCAGCGAACTCATATGGTGACAGATTGTATAACGGCAAGTAT  
AACATGAACCGGGCATCTCCTGTGTACAGTCCCTGTTTCAAGTTTTTACGCGCTACAGAAGTAGACGCCA  
AGGGGCGTAATATGACACAGCTAATAGCCGACGTGGGTGCTAGTGTGGCCCCGAGTACGTCCAACACAGA  
AATCCAGTTTAAACGCCCCCATGGATCGTCAGACTTGGTGGAAGACCCATGTTCTGTTTCAAGAAGCG  
TATCCTCTACTCAGCTCCACTGATACAGCATTGCTACGCACGCCTCACGTTGGCGAAATTGGCGCAGATG  
AAGGACATTTTCCCCAGTACCTAATTCGCGACGAATCCCCCTGAAAGGCTGTTTCCACGAATTTAG  
>GBEV0030 |Acc|NC\_001844 REGION: complement(99648..101891)|Ver|NC\_001844.1 GI:9629732  
|Equine herpesvirus 4, complete genome.  
ATGTCGGGGGCTCCATCGAACCCAAAGCAAAAACGCCCTCCGTTATGCTGAAGCTAAAGCCCCAAAAAGAG  
AGCGAAAAAACCCAGTGCGCTTTTGAGTCTGCAACTGGCCTTCAGAATCAAGCAGAAGAGGAGCAATATC  
TACTGAAGGGGGTTGGGTTCTTATTCATCAACCCCCAAAACAATGCTATTCAAGGAAATCCTCATGGGG  
GAGCTCGGATACACAGAAGGCCAAGGAGTGTAACACGCAATTAGGTCAACAGAGGCAGCAATCAGACAGA  
TACAAACAACATATTCTACCAATACGCTTAGAGCTACGCGATACGAGGACCTCGCAAAGGATTGGCAAAC  
CCACCTAGACAGTCGTGGGGTAAGCGCGGAAGAAATAGCAGCGACCTACGGAATGTTTAGCGAGGGGGA  
GCGGTACGCGTAGCAGAACAATTTTGCACCTGGCATCGCACGCTACAAATGTCGCTATTAGACTTTG  
TTCGAGTATAACCGCGTGTCTTCTGCCAGCGAGCCGGATGGCACCGCCAGCTTTGCAAAGTACATAGA  
CTGGATAGCGTGTGGGGCTAATACCCCTACAGAGGCTTAAGCGCGCTCCGGGCGCAACCGTACACCCA  
AAGTTGTGGCGTAAGCTGCCAAGTACGTACCCCTCTCTGGAGAGCTGTGTAGACGAGCGAGACCTGGCAG  
GTAAACTGTATGTGGCAACAGTCTCTTGCAGGAGGGGTGGAGGCTGTGGTTGAAGTGGCGAGGTGTAC  
CGCCAGCGTGGCCATTATGGACTACGACAGGGGTGAAAATATTTTACCCTACAAACGCAGAGAGGTCTGT  
GCTATAGACTCAACACCGGTAGGCGGGGAGAGTGTGGTGTATGGCAGCCTATATGGAAGATGGCA  
CCGTACTGTTTACTCTCCACTTCAGCGGATTTGCGGCGAAGTGTGTAAGTGGCACGCCCTACGCGAGCA  
CGCTAAACTATGCCAAGTGTGAACACTGTGCCCGTTAAGATTCTAGTTGGCAGGAAAAAGGAAGAATCC  
CAGGGACCGGGATGGGCGTCCAAAGCCGTGGACAAGCTCATGGGAGAGGGGGAAGAAATGCATTCTAGCT  
CCGCCGCTCTAGGCTGGTTAACTCATAGTTAACTGAAAAGCATGCGACATATAGGTGACATAACTGA  
AACACTAGACTGCTATTTAGTACGAAACGAGTACCAATATCCTCAGCAGCGCTCAGATAGACACGTATG  
CCCGGATTTGGGCAGAGCGGAAAGACCCGCCAGGGGGGTAAATATGCCCGTGCAGGAAGCCTTTTCGCACCT  
CTGTGATTAATGGCATAAATGGAATGCTAGAGGGATACGTTAAACAACCTGTTCAAACCTATAGAAGATTT  
ACGGGCTGGAACGGCGGGCTGCTAAATCAGCTACAGGACAGAGAAAGCGAATTAACCCACCTCCGCGAA  
CAATTACTGCGTGAACAAGCGGCGCGAGACGGGAACACCCACCACTAGTGTGGGATCCTGCACCG  
CTCATGGGGGCGCCAAAGCCGGAGAAGTACGGGCATGAAGTTATCGACATAAGAAATTTAATGGGGGATGA  
CGGCTATGTTGCCAATAGCTTTTACGTCTAGGTATATTCAGCTTATGCTGCTGACGTGGAGCGCCTATCG  
CGTTTGTGGGATCAAGAGTTACTACGCTGCTTCAAAATGAACCGAATCACTAACAACCAAGGTCAAGAAA  
TGTCAGTTTTCGTACTCTAACAGCTCAATATCCCTTTTGTGTCGCCATACTTTTTTTCTATTCTTCGTGC  
GCGTCACCTGGGATTTTAAATTACACACCAAGAGGCGTACCGCTCGGAGGAGGAGCTGTGTGTGGCAGTG  
TTCAAAAAAACAGGCTCGAAGCTTATCTGACAGAGTTATCTACGCTTTTTTGTGGCGAAAGTTAGGAAC  
CAATTGCGGCTCTAAATCTGCTAATTTGGAAGACGTCTGTTCCCGGAGACGATACCCCATCTGAAGAAGA  
GCAACCTGCAATGCAATGCACTTATTTAGCGGACGATAGATCCCTTAGCCACAGCGCTACCGTGGACGCA  
AATGGTGGAGGCTATTACAAACGGAGACGATTTAGCAACAGCTATAGTCGACGATCTGGTTTGGCAGCA  
ACTCCTCGATTCTGTACAGAAGTCAGAGAGTTCCCGGGCTGCCCCCTTCCTTCACGACCACGTCAATCA  
CTAA  
>GBEV0031 |Acc|NC\_001844 REGION: complement(join(82703..83875,87438..88469))|Ver|NC\_  
001844.1 GI:9629732|Equine herpesvirus 4, complete genome.  
ATGTTTGGCAAAGCGTTGAGCAGGGAGACTATACAGTATTTTGAACTCTCCGAAAAGAGGTTCAATCTC  
GCAGTGGTGCTAAAAATAGGGCAGCGGAAGCTCAAACCGGAGGAGAAGATGACGTAAAGACGGCCTTTCT  
TAACTTTGCATTCCTCACTCCCAAGCTCACCAGCTGTTGTACCTGGGGTCGGAACGTTGCACGACTGC  
TGCGAAACAGCGCAATATTTGCTTCGGTGGCTAGGAGATTACTATTTAGGAGCCTGTCAAATGGCGTG

CAACTCCTCCGACAGACCAGCTTCCTGTACAACCTCAAGAACGCCGGGAGAAGATGCTCAACGTG  
GTCAACTACGTGTGCCCCAGCACAGGAGGACTTTAGCCTGCAGGAGTCGGTGGTCTCCTGCCCTGCT  
ACCGCCTCCACATCCCCACCTACATCACCATAGACGAGAACATCAAGGACACCACCAACCTCTTCATGGA

GGGGGCCTTCACCACCGAGCTCATGGGCGACGGCGCGCCGCCACCCGCACCAACATGCACAAGGTGGTG  
 AGCGAGCCCGCCCTCGAGCAGTTTCGACCTGTGCCGCGCGGACACGTGCTCCGAGGAGGCCCGCGACAACC  
 TGGACCCCGTCTCTACGTGTACATCGACCC  
 >GBEV0035 |Acc|AF050671|Ver|AF050671.1 GI:2944434|Equine herpesvirus 5 glycoprotein B  
 (gB) gene, complete cds.  
 GGTGCTGGTCTTTGACTCTAAGGGGTACGTATTTAAAGACCTATACACCTTGCTGTATACCCACCTGCAA  
 CTCAGCGGGAGTCAACAAAAGGAGTGGGGGATCGCTAAACAAGATGGTTGCCCTGGTFTTGGCCTCTGGG  
 GCTTCGCGCGCCCTGATGGCGACGCTGGCGCTGCTCTGCGGACGCGTCCGCTAGACGAGTCCCTCGGCAAC  
 GCCATCTATTCCGCCCTACCCACAAACCCGCCGTGCATCACGAGGACAACACCACCAACCCCTTTCTGCTG  
 TTAGGGGTGTGTGGCGCCTCGCCACGGGAGAGATCTTTAGATTCCCCCTGGAGGAAAACCTGTCCCAACA  
 CAGAAGACAAGGAGCAGGTAGAGGGGATCCTGCTCATTTACAAGACCAATATAGTGCCCTATATTTTTAA  
 CGTCAGAAAAATATAGAAAGCTGGTCACCTCCACCACCATCTACAAGGGGTGGAGTCAGGATGCCATCACC  
 AACCAGTACACCTCCAGCTTTGCTATGCCCCCTCTGGGAGGCCAGGCTGGTGGATTACAATTATGAGTGTCT  
 ATAACGGGATACAGGTGACAGAAAACGGTCACCTCACCACCTACGTGGACAGGGACGGGTACAACGAGTC  
 CGTGGCGCTCGTACCCGCGGACGGTCTCACCTCCAGCATCAGGCGCTATCACAGTCAGCCCGAATCTCTAC  
 GTGACCCCCAGGAACTGCTGTGGTCTTACACCACTAGAACGACGGTCAACTGCGAAGTAATTGATATGA  
 CGGCCAGATCACACAAACCCCTTTGAGTATTTTGTGACGGCCTCTGGGACTCTATAGAAAACGTACCTTTT  
 TTATACCAACGCATCGAGGCGCGTACCCGTCCAGGTCTTGTATTAATTATTCTGTAAACAGACTATGGTGTG  
 GGTTTGGGGAGCGGGGAAAACGTTACTAGATTCTTTGCCACTCTTAATGATTTCTCAATCTCTTGAAAAG  
 CTGCCACAGAAAACAGCTCATACTGCCCCCTGGTGTGTGGGAGGGGTTCCTTAGCGCCATACAGACCAA  
 GCACGAGAAAAGTACCATTTTATAGCAGATGCTGTAACCGCCTCTTTTACAACCTCTCACTGATGAA  
 ACTTCTTACTTTTAACACAACATATCAGTGTGCGTGGCAAGACATAGAAGGTGAAATTCAAAAAGGTTTG  
 ACCAGTTTCCAAAACCTCATGCTAGAAATGGCAGTGTCCAAATTTACAAAACATCAGGCAATCTTTACGT  
 CGTTTGGCAACCCCTTACCTTAGACTTTGCTCGCAGCTCAGCTAAAACATATAAACAGTACCGATAAC  
 AGCACATCCCCTACAACAGCACCAAACTACTACTTCACTAGTAGTGCAGAAAAGCGTAGAGACACTG  
 GTAATACAGCAACAAATAATAGTTCTTCAACAACCTCTAGCATGGAAGAAAACCTTGGCAACCTCCCAAGT  
 TCAGTTTGGCTACGACCCAGCTCAGAAAGAGCATCAACAGGGTCTTGGAGCAGCTGTCTAGGGTCTGGTGT  
 CAGAACCAGTACAGGGCCTCTCTGATGTGGTACGAGCTGAGCAAGATAAACCCCAACAGCGTCATGAGCG  
 CCATCTATGGGAGACCCGTGTCTGCAAACTCGTTGGGGACGTGGTCCAAATCTCTGACTGTATCACCGT  
 GGACCAAGAGAGCGTGTGTGTGCACAGAAATCTAAGGGTCCCGGGTAGCAAGACCTGTGTACACCAGG  
 CCGGTGGTGGGCTCAAGTTTATCAATGGCAGCGAGCTGTTTGTGGCCAGCTAGGGGGCCAGAAATGAGA  
 TTTTGTCTGTCCACTAACCTGATGTGGTGGAGGTTTGTGACGACAGCTGCGAGCACTATTTTCAAGGGGAAATCA  
 TATCTACAAATACAAAATTATGAATATGTGTCCACCATGAACCTGACAGATGTGCCCACCCCTGCACACC  
 ATGATCACCCCTGAACCTGTCTCTGGTGGAAAATGTAGATTTCCAGGTGATACAGCTCTACTCCCAAAAGG  
 AAAAGAAGCTGTCTAATGTGTTTGACATAGAGACCATGTTTAGGGAGTACAACCTACTACACCCAAAATCT  
 AAAGGGGTTTGAGAAAGGATCTGGATGACTCCATCCAGATGGCAGGACAGCTTTATCCAGTTCTTGGGG  
 GACCTGGTGCAGGACCTGGTCCCGGTGGGCGACGTGATAGTGAACGTGGCCAGCGGGGTGTTTCCCTGT  
 TTGGGAGCATAGTCTCTGGAGTGATAAGCTTTCTCAAGAACCCCTTTGGGGGCAATACTCACCATAGCCCT  
 CATTGTGGGGGATCATAGTTTTGTACCTGTTTATCAGAGGTCTAGGACCGTGTACAGGCCCCCATA  
 AGAATGTTGTACCCGGAGGTTGATAGAGCCCCCAGCAAAATGTGCAACCCATCCAGAAAGACCAGGTCA  
 GGAGCATCCTGCTGGCCATGCACCAATTCCAGCAGCAGCAACAGCAACAGCAACAACAGCAGCAAGAGGA  
 GCACACTCAGAGAAGATCCATCTTTGACACTATAAGGGAATCTACAAGCAACATACTGAGGAGAAGGAGG  
 GGAGGGGGAGGATATACCGGATTCGCGCAGCGGGATAGCGATGGGGAGGGGGATTTATGAGGATATAGAGC  
 TTAGGGGGCCCGCCGCGACTATGACGACGTGGGACCTCGCAGGACGTGGCAGAGACGGGCGTGTAAACA  
 AAAATCAACACACTACATTCGTTCAAAGCAAATTTCTCAATAAACTTTTTTAATTTAGTAAATAAAATGC  
 ATCTGGTTTCTTCATGACTCACACAATAAGTTTCTAGTATGTAAATGGTACATGGAACGCGCTTGCGG  
 TTTCCTGCCAGGCTGCGGTGCGCGCAGTCAAAGTGTCACTTCCCCTTTGCACCAACACAGGCGCGGAGC  
 AGAGTGCAGAGATGAGTTTCTACAAATCC  
 >GBEV0036 |Acc|AF141886|Ver|AF141886.1 GI:4809205|Equine herpesvirus 5 DNA-dependent DNA  
 polymerase gene, partial cds.  
 GGCCTCGGGCATCCTGCCGTGCCATAAGATAGCAGAGACGGTCACCTTTTCAGGGGAGGAGGATGCTAGAG  
 AGGTCCAAGCGCTACATAGAGGCGGTGACCCCGAGGGGTTGGCTGCCATCTTGACAGAGGCCCGTGGCGG  
 CCTGCGACCCCGAGGCCAGCTTTAAGGTC  
 >GBEV0037 |Acc|L01473|Ver|L01473.1 GI:330921|Equine herpesvirus type 5 repeat region.  
 ACCACCCACCTAAATTCAATTTAAGTTCGGGGGGGGGGGTTTTAAGGGGGGGGGGGGTTACTTTTTTAA  
 ATTAGTATTTTAGTTCTTTCAAAAAAGTAAACAGCATAGTTTTTCGCTCTTAAATTTGACATTTAACCC  
 TAATTTTTTTAGCTTCTAACCTAACTCCGCCCCCAACCTAACCTAGTCACGTGACCAGTGGGCGTGG

CTTGTGTTAGGAGGAGCTTGCGTCTACCAATCAAAAAGCTGTGTTGTGCAAC  
 >GBEV0038 |Acc|D85905|Ver|D85905.1 GI:1389626|Equine herpesvirus DNA for glycoprotine G, complete cds.  
 CTGTAAAGCGGTAGTAAGCTGCAGTTATGTTGACTGTGCGCAGCAGCTCTGAGTCTGCTCAGCTTGCTTAC  
 GAGCGTCGCGCGGACGGCTCGCCCCAGATGAACTCTGTTATGCCGAACCACGCAAGACTGGCCACCCACCA  
 AACACCCAGCCGACGTCACCCGTAATATTTGAGCCCCCAACAATTGCGATTAAGGCTGAATCCAAGG  
 GTTTCGAGCTAATTTTATTAGAGCCACCCATAGATGTAAGCTATCGCAGAGAAGATAAGGTGAACGCGTC  
 CGTTGCTTGTTCTTTGACTTTGGGACTTGCCAAATGCCCATCGCATAACAGAGAGTATTACGGTTGTATT  
 GGCAATGCTATTCCCTCCCCGAGACCTGTGATGCTTACTCATTACTCTCCTTAGGACAGAGGGTATTG  
 TGGAGTTTACCATCGTAAACATGAGCCTACTGTTTCAGCCTGGAATATACGATAGTGGCAATTTTATCTA  
 CAGCGTTCTCCTGGACTACCACATATTTACAGGACGTGTAACGTTGGATGTGAAAAGGACACAACTAT  
 CCATGTGGCATGATTCATGGACTTACTGCTTACGGAACATCAACGTAGATGAGACCATGGACAACGCCA  
 GCCCCACCCGCGTGCCGTGGGGTGCTTTCCGAGCCCATCGACAGCGAAGGGGGGGCAAACGTTACATT  
 TACCGAATTGGGGATACAGACCCAACTCATTCTTGTGATGACGAGAGTGATTACCGAATATATCAGAC  
 TGTCACTCGTGGGAGTCACACACTTACCCAAATACGCTGAGGCCGGCCACCGGACCACAGACATTGTTGG  
 TGGGTGCAAGTTGACTCAGAATCCTGGCCAGGCATGGAAGTTTGTGCGGTGATGAAACGTACGACACCAT  
 CCGCGCAGAAGCAAAAATCTAGAGAACCACGTACACTCCAATGCAGCAGATTGCGCTCCCGAACTCCA  
 TCGCCGCGAGGAAACTTGAACGACCCCGAAGTTGCCACCTGCGAAGCGGCCAAACGAAGACAACACAC  
 ACACGGGGGGTGCGTCAAACGGCATCCAGGACTGTGACAGTCAGCTCAAACTGTGTATGCCTGCTTGGC  
 TCTCATGACAATATATTATGCCATCAGATGATTTTGTCTAACACTTTCTTACCCCATGACACTGATAGGTT  
 AAATTATCATGACAGACCATCTCAATGATTACGATTTAGAGACCTTGTGTGAGGAGTCAGTATTGATGGGC  
 ATCGTTAACGCAATCAAACCTCATCAACATTGATATGAGGTTGAATCACATTGAGGAACAGATGAAAGAGA  
 TACCCAAGATCATCAACAAAATAGACTCCATTGATCGAGTGTGGCTAAGACCAATACTGCATTGTCTGAC  
 AATAGAAGGACACCTAGTCTCGATGATGATGATGATACAGGGAAAGGCAAGGGTGAAAGGAAAGGGAAA  
 ACAATCCGGAGCTAAAACCTGTAATTGGGAGAAATATCTAGAACAGCAAGAGTTATTTTCATTGACACA  
 ATCTCAAGAATTTTCAGAGATGGGTCAATTGACTGATGAGCCCTATGGAGGGGTGGCCCCGAATAAGAGATGA  
 TTTGATCCTGCCTGAACTCAACTTCAGTGAGACAAATGCATCACAAATTTGTTCTTTGGCAGATGATGCA  
 TCTAAGGATGTCGTGAGAGATGATTAGGACTCACATCAAGGACAGAGAGTTGAGGTCTGAGTTGATGG  
 ATTATCTAAATCGAGCAGAACAGATGAAGAGGTTTCAGGAGGTGGCCAATACAGTCAATGATATTATTGAT  
 GGGAAACATCTAAACATGTCAGTAATTTGATAGAGTAG  
 >GBEV0039 |Acc|U49404 REGION: <1..947|Ver|U49404.1 GI:1224109|Equine morbillivirus P  
 protein gene, partial cds, and matrix protein and fusion protein genes, complete cds.  
 CCATTAAGAGGGCAGACGCTGAAGTCTCAATATGTTGGGACGGAAGACGTGCCCTGGGTGCAAGAGTGG  
 TGCAACCCGGTATGTTTCGCGGATTACCCCCCAACCAAGAAAGCAAGAGTGTTACTGCGGAGAATGTCCAA  
 CTGAGTGCTCCCAGTGCTGTCACGAGGAATGAAGGACACGACCAGGAAGTTACCAGCAACGAAGATAGTC  
 TGGATGACAATATATTATGCCATCAGATGATTTTGTCTAACACTTTCTTACCCCATGACACTGATAGGTT  
 AAATTATCATGACAGACCATCTCAATGATTACGATTTAGAGACCTTGTGTGAGGAGTCAGTATTGATGGGC  
 ATCGTTAACGCAATCAAACCTCATCAACATTGATATGAGGTTGAATCACATTGAGGAACAGATGAAAGAGA  
 TACCCAAGATCATCAACAAAATAGACTCCATTGATCGAGTGTGGCTAAGACCAATACTGCATTGTCTGAC  
 AATAGAAGGACACCTAGTCTCGATGATGATGATGATACAGGGAAAGGCAAGGGTGAAAGGAAAGGGAAA  
 ACAATCCGGAGCTAAAACCTGTAATTGGGAGAAATATCTAGAACAGCAAGAGTTATTTTCATTGACACA  
 ATCTCAAGAATTTTCAGAGATGGGTCAATTGACTGATGAGCCCTATGGAGGGGTGGCCCCGAATAAGAGATGA  
 TTTGATCCTGCCTGAACTCAACTTCAGTGAGACAAATGCATCACAAATTTGTTCTTTGGCAGATGATGCA  
 TCTAAGGATGTCGTGAGAGATGATTAGGACTCACATCAAGGACAGAGAGTTGAGGTCTGAGTTGATGG  
 ATTATCTAAATCGAGCAGAACAGATGAAGAGGTTTCAGGAGGTGGCCAATACAGTCAATGATATTATTGAT  
 GGGAAACATCTAAACATGTCAGTAATTTGATAGAGTAG  
 >GBEV0040 |Acc|U49404 REGION: 1494..2555|Ver|U49404.1 GI:1224109|Equine morbillivirus P  
 protein gene, partial cds, and matrix protein and fusion protein genes, complete cds.  
 ATGGATTTTAGTGTGAGTGATAACCTTGATGATCCAATAGAAGGTGTTTCAGATTTTAGTCCCACCTCAT  
 GGGAGAATGGAGGGTATCTAGATAAAGTGGAGCCAGAAATTGATAAGCATGGCAGTATGATACCTAAGTA  
 CAAGATCTATACCCAGGTGCAAATGAGAGGAAATTCACAACACTACATGTACATGATTTGCTATGGCTTC  
 TTCGAAGAGCGTTGAGAGATCACCAGAATCTGGGAAGCGCAACAAAATCAGGACCATGCGCGCTACCCCTC  
 TTGGTGTGTTGGCAAGAGCACTTCTCACCGCTGCGAGGATCCTTTTAGAAGAGCTATGTTCTTGAAAGTCAC  
 TGTCAGAAGAACAGCTGGGGCTACATATAAAATTTGTTTCGGGTCTCTGGCCCGCTTCATCATCTCTTA  
 CCATGGAAGAAGATCTGACTGGCGGATCAATATTCAATGCTGTCAAGGTTTGCCGCAATGTGGATCAGA  
 TTCAACTGGAGAACAACAACTCATTGAGGATTTTCTTGTGAGTATTACTAAATTGAATGACTCCGGCAT  
 CTACATGATCCCAAGGACAATGCTAGAATTCAGAAGGAACAACGCTATTGCTTTCAATCTTCTAGTATAC  
 CTCAAAATCGATGACAGATCTTGCAAAAGCTGGAATCCAAGGAAGCTTCGACAAAGACGGAACCAAAGTGG  
 CATCTTTCATGCTCCATCTCGGGAATTTTGTCCGACGAGCTGGGAAGTACTATTCTGTGCAATACTGCAA  
 GAGAAAGATTGACAGAATGAAGCTCCAGTTCTCTTGGTTCAATTGGGGGTCTAAGCTTACACATCAAAA  
 ATTAATGGAGTGATCAGTAACAGAGATTATTTGCCAGATGGGTTTCCAGAAGAACCTTTGCTTTTCTCTAA  
 TGGACATCAATCCTTGGCTCAACAGACTGACTTGGAAACAACAGTTGTGAGATCAGCAGGGTGGCAGCTGT  
 ACTGCAGCCCTCGGTGCCACGTGAATTCATGATCTATGACGATGTGTTTCATTGACAACACAGGGAAGATC  
 CTAAGGGGTGA  
 >GBEV0041 |Acc|U49404 REGION: 3025..4665|Ver|U49404.1 GI:1224109|Equine morbillivirus P

protein gene, partial cds, and matrix protein and fusion protein genes, complete cds.

ATGGCTACACAAGAGGTCAGGCTAAAGTGTGCTCTGTGGGATCATAGTTCTGGTTTTGTCATTAGAAG  
GGCTAGGGATACTACATTATGAGAACTTAGTAAGATAGGGCTGGTTAAAGGTATTACAAGAAAGTACAA  
GATTAAGAGTAACCCCTTTGACCAAGGATATTGTGATCAAAATGATCCCTAATGTCTCGAATGTCTCAAAG  
TGCAACCGGACTGTTATGGAGAATTACAAAAGCAGACTCACAGGGATTCTCTACCAATCAAAGGCGCCA  
TCGAACTGTACAATAATAACACGCATGACCTAGTTGGTGATGTCAAGCTTGCAGGTGTGGTGATGGCAGG  
GATTGCAATCGGGATAGCTACTGCTGCACAAATCACAGCAGGTGTTGCCTTATATGAGGCAATGAAGAAC  
GCAGACAATATCAATAAATCAAGAGCAGCATAGAGTCTACAAATGAGGCTGTTGTCAAATTACAGGAAA  
CAGCTGAGAAAACAGTCTACGTCCTTACTGCTCTTCAAGATTACATCAACACTAACCTTGTTCCTACAAT  
AGATCAAATTAGCTGCAAGCAAACAGAGCTCGCATTAGACTTGGCGTTGTCTAAGTATCTGCTGATCTGC  
TCTTGTTCGGACCTAACTTACAGGATCCAGTCTCTAATTCCATGACTATCCAAGCAATATCTCAAGCAT  
TTGGGGGCAATTACGAAACCTTACTGAGAACGCTTGGTTACGCGACCGAGGACTTCGACGACCTTTTAGA  
AAGTGATAGCATAACAGGCCAGATAGTCTATGTAGATCTCAGTAGCTATTACATAATAGTAAGGGTGTAT  
TTTCCCATACTAACAGAGATCCAACAGGCTTATGTGCAGGAGTTGCTTCCAGTGAGTTTTAATAACGATA  
ATTGAGAAATGGATCAGCATTGTCCCGAATTTCTGTGCTGATTAGGAACACGCTGATTTCAAATATAGAAGT  
CAAGTACTGCTTAATCACCAAGAAAAGTGTGATTTGTAATCAGGACTATGCTACACCCATGACGCGATTGC  
GTGAGAGAATGCTTGACAGGATCCACAGATAAGTGCCCAAGGGAGTTAGTAGTCTCATCCCATGTTCCAA  
GATTTGCCCTCTCAGGAGGAGTCTTGTGTTGCAAATGTATAAGTGTGACATGTGAGTGTGAGACTACTGG  
GAGGGCAATATCTCAATCCAGGGAACAGACACTACTGATGATTGACAATACTACCTGCACAACAGTTGTT  
CTAGGAAACATAATCATAAGCCTTCCAAAATATTGGGATCAATAAAGTTACAAGTTCTGAGAGCATTTGC  
TGTTGGGCCACAGTCTATACAGACAAAGGTTGATATCTCAAGTCAGATATCTAGTATGAATCAATCACT  
ACAACAATCTAAGGATTACATTAAAGAAGCTCAAAAGATCTTGGACACTGTGAATCCGTCGTTGATAAGT  
ATGCTATCAATGATCATCTTTATGTTTTGTCCATTGCAGCACTGTGCAATGGTCTGATCACTTTTCATAA  
GCTTTGTAATAGTTGAGAAAAGAGAGGGAATTACAGCAGGCTAGATGATAGGCAAGTGCGACCGGTCAG  
TAATGGTGATCTGTATTATATTGGAACATAA  
>GBEV0042 |Acc|AF113004|Ver|AF113004.1 GI:7328983|Neospora hughesi SAG1 precursor (SAG1)  
gene, complete cds.

CTTGATATCACAGGTGCCTTAGTCGTACATAAAACATCGTTTCGATTGTAGTCTAGTCACACCGCACTCGTT  
TCATCACTGGCGCTTTTGTATTATCAACGAATATGTTTCTCGGGCAGTGAGACGCGCCGCTCTCGGTGGG  
TGTGTTTCGCGCGCCCGCACTGGTGGCGTTCTTTGACTGTGGAGCTATGGCATCAGGAAAATCACCTCTA  
CTTGTCATCAAGTTGTGTCACCTGTGACAACAAAGGGAATCATCAGTTACCGTCCTACTATCACCGAAGC  
TGAACCAAGTCACTCTCAAGTGCCCTGACAATTCGACCGCCATGCCCGCTGCTCTTGTTTATCCAACAAA  
CAGGACCGTCTGCCCCGCGGAGTCCGGAGGTCCTTGTACAGGCAAGGAGATATCGTTGGAAAGCCTGCTT  
CCCGAGGCAAAACGATAGCTGGTGGTCAGGTGTTGATATCAAGACTGGCATTAAGCTCACAATTCCTGAAG  
CGAGCTTCCCCACAACATCCAAGTCGTTGACGCTCGGCTGCGTCAGCAGTGATGCCAGCAAGAGTTGTAT  
GGTCACAGTCACAGTCCACCCAGAGCCTCATCCCTTGTAAACGGTGTGCAATGTGCTCTTACGGTGCA  
AACGAAACTCTCGGCCCTATCACATTGTCCGAGGACGGATCTTCTACGATGACCCCTCGTTTGCAGGACGG  
ATGGGAAGCCAGTTCCTTCTGATCCTAAGCAGGTTTGTCTGCGGACGACCGTCAAGGATTGCAAAGCAAA  
ACCGTTCAGTGATGTTTTCCCAAAATTCAGTGCTGATTGGTGGCAGGGAAAACCGACACTAAGGATGGT  
GCAAAACTAACGATCAAGAAAGGTGCATTTCCCTCCAAGGAGGAAAAGTTTACTCTTGGGTGCAAGAGCG  
TATCGACTCCGGATTTTACTGTACTGTGCAGGTGGAGGTAGAGCGCGCGAGTGCAGGGATCAAGTCGTC  
GGCTGCAAATGTTGGTTCGCGTTTCCCTTTTCGCTGTAACAATTGGACTCGTAGGCTCGATAGCGGCTGGC  
TGCGCGTGAGTGACAAATCGTTCTGCTCGCCATTCAAAAAATAATGCAAGACATGTTGCGGTTTCGTATG  
TGTGCTTTTATATA

>GBEV0043 |Acc|AF158089|Ver|AF158089.1 GI:6690531|Neospora hughesi SAG1-related sequence  
2 (SRS2) gene, complete cds.

CATTAGGTTTCGGAACATGGCGACGCATGCTTGTGTGGTGAGGCGCAAGGCGGATGCTGCTTGTCTTTGCC  
AAACTCAGTGCCTGCTCAATCCTGTTTGACGCAAAATCAGTTAACCGATCGATCAGCGTCTTCGCGCTGC  
TATTCGCGCGTCTGTTTTCAGTGTGGGGTGTGCGGGTGCGCCGTTCAAGGCGGAAAATGAGAAGTTTACCTG  
TCTCCCGAAAAAGGGTAATTCGGATCAGTGGGTGGCACTTGTGTATGATTATCAGCATCAATCACTTTC  
GCTTGTGACGGAGGACGCCCCCTGCCTTCCAAGCTTTTAAAGTGAAGATGGCGGCCCTTATAGTCTGTAACG  
AGTCAGACGGGCGGATGAATGTGAAAAAATGCGGCAACCATTTGCAACTTTCTTCCGGGGGCCCCAAAA  
AGAGTGGGTGACTGGAGATCTTCAACAGGGGAATAAGATTACAATTCCCAGCAGCACTACCCAGCTACA  
TCGAAAGCTTTCCGTGTTGGTTGTAAAGCGGGTAACAATGTTTGTGTTGCTCAATGTGTATGTTTCAGAGTA  
GGGAAGCAGAGGTGATCGGACAGGTGGCGCATTTGTGCTTATAATTCCGACGTACGTCGTCATCCAGTCAC  
TGTAATCCAGAAAACAACGAGTGACATTAATTTTCGCGACCAAGAGGAGGTGTTCCCGGTTGATTAC  
ATGAACAGCATTTGTACGGAAACAGACGAATGTAAGAAGCGCCCTTATTCGCGAGTGTTCCTGGGTTCT



CCAGTAGTTTTTGGACTGGAGAAGCTTCCGGCGTAGCCGGGGCGACACTGACCATTCCCAAGGACCAGTT  
TCCTTCGACAGCACAGACCATCTATTTGGGCTGCACTAGTCACGCGGATGATAAAGAGGTCACCTGCGTG  
GTTCCAGTAAATATAGAAGCAGTTGCAAAACCAGAAGGGGCCGATCGAACCAGATGGTGGTTCGCAAC  
CGGACCAATACTCGGAGAAAACGCGACGGGGAAACAGGTAAACAAAGGCAAACCTGCCAGTGGCGGATCCGG  
CGGAGAAAAAACTGGAAAACAAAATGCATCCAACAACGGAAGGGCACGGAGGAAAACAGGAGGAGAGAAC  
GGCGGTTCCCCCATATTAAGGGGAGATGCATGTGACGAGTTGCCTTCGTACGTGGCACTATCCGCTGCGG  
CACTGACTGCAACGGCAATCTTTGCGTACTGATCACGGGACGTGGAATGCGTTTGTGACAGGGCATGACG  
GCAGTTGACATGGATTGTGATTATTTTTGCGGATTAGTATTCACAGTCGTGTACATGTGATGAGTTTA  
CCAAATTGGAATACTCATTGCCCTGCAGTAACCCGCGAGG  
>GBEV0044 |Acc|AF038859|Ver|AF038859.1 GI:3779228|Neospora hughesi strain NE1 internal  
transcribed spacer 1, complete sequence.  
ACACGTCCTTTATTCTTTTCAACCTCAACCTTTGAATCCCAAGCAAAACATGAGCTTGTATCCCTCTCC  
TTTGGAGAGGGGTACATTCAAGAAGAGTGATATACTACTCCCTGTGAGTTGTATCGCCTTCTTCATGTGG  
ATATTTTGCCTACTTTTTTCAAGCGTTCTATTGAACGCCTGATAATGAAAGTGTGTGCATATATCCGGG  
AGTGACGGCGAAGGGACTCGGTCACTGGAAATTAACGTCTCTATTGGGACTTTAACTTCCAGGAGTTTC  
TTCAATGTGCATTCTTTTTTCCACACCGTTATTTTAAACAACAATCTGGATAGCGTTTGTATGGAAGAG  
AAAGATGGTCTCTTTCTGTATTTCTCTCTATTTCGCTTCAGATTACCTACTAAAACTATAATGTTTTTC  
TAAATTTTCAGCAATGGA  
>GBEV0045 |Acc|AY191008|Ver|AY191008.1 GI:28394725|Sarcocystis neurona surface antigen 4  
(SAG4) mRNA, complete cds.  
GAGGTGAAGTATTAATGCCACGTACTGCTGTTTCGTATGCTACCTGTCAATACCATACCTCGGCGTCACC  
CTATTGGGAACAGTTTCCATCGAAAATGTTACGTGCGCAGTGTTACGCGCGACACTTGTGTGCTACTGCG  
GTTATATACCTTGCCGGTCTGTTTACAATACGTCTGACACGGAACCCGAGCAGGCTACATGCGTTCTCG  
GGCAAGCAACAGCGGTAAACAGAGCTTGTAAACATCGGTGGCCTCAATATTGTATGCCCTAACCGTTCCAC  
TTTGCAACAGGTTCTCTGCGGCCCCAGGGGCGGCGCAGGGGCGCGGGATATGTTTTTCTCTCA  
GATCAGGAGAACCAGCAGGGAGTAGTTCTCGAACAAGTGGTGCCTGGGGCTATCTTCGCAGTAGGGCAAA  
ATAATCAGCCCAACGTTTGAACGTGCGCAGCTGCCCTCGGCGCCCCAGAGCATTACTTTCTGTGTCG  
TCCACAAGAGAACGAACAACAGACTTGCTTTATACGCGTGAATATTTCCGCTCGCCTCCTTTGGGACCG  
AATGCGTGTGTCTACACAATACCGAGGTACAGTTCAAGGCGGGATCCAGCAACGCCACCGTCCAGTTCT  
CCTGCGGCAACGCCGAGCACTGCAACCACAACAGGCTACTAAAAATTTTCGACCAAACTTGTCTAGCAAGA  
ACTGGAGCTAGACACAGTGACCCCTGGTGCAGCTGCCAGCGGCTGCGGCAGGGGGGATGGTTACAGTG  
ACGTTCCCGCGCCTGCGGCCACAAAATCGAAACTCTGCTTTGTCTGCACCCGCGGACAAGAGAATTGCA  
AGGTTATTATCGATGTAGCAGCGGACCCGCGCGGTGGTGCAGCTGTGGGGATCACAGCTCGTACCGCGTC  
GGCATTGGGTATCGTCTGCTGCGCTGAGCAGCGCTCGTGGTGTGTTCTAACTTCCCGTTTCGAGAGTCAAC  
GGTTGAGTGGTTCTTGTGGAGACAGCCATTTGAATAGGTGGTGGACGGCTGAAAGGAACAGCTTCGTGCG  
ATGGGAGTGATTATCGTTTCAAGCTTAACTATTGGTGGACC  
>GBEV0046 |Acc|AY191007|Ver|AY191007.1 GI:28394723|Sarcocystis neurona surface antigen 3  
(SAG3) mRNA, complete cds.  
CATTTCCCCCATCACCTGCCGTCAAGGACGTTTTTCCCTGTAAAGACCATTTCATCACCGTGGCTCTCC  
CCCTGCCTTTTCTGGTCTCTTACATCTGCGAAGATGATGAAAACCTTCGTTTCTGTGCTCGCTCGCAGTTGCCTG  
CCTTGTGTGGGCCCCCTGTACATTGCATTGCCGCGAGATCCACCTGTGCAACTTGTGTGTCCAGGGATGAC  
AGTCCGACACAAACATATCAACTGGCATCAATTGGGCAAGTGAGAATTACATGCCAGGAGGAACCTACTT  
TAGCAAAATAGGGGGGCGGAGCAAGCCGATAACGGCCCCGACGGCAGAGGTTTACTCTGAAGCGGACGCTGG  
GAAAAACGTCGCGTTGAATACTTTGTTGGTTGGTGGGACCTACGTTTCGGGCGGACGCCAATGACAACCTC  
ACAGTCTCGCAGCTGCCACCAAAAGCAGTGACGGTGCTTTTCTCTGTAAACAGGCAGCCTGGCCCTGGTG  
TTGGATGCTGGATTGCTGTGTAAGTTCGCGGCTCAGCCTCCTCTGGGACCACAGGCTTGTACGGTTGGTGG  
AAGCGAGGTAACGTTGACTGTAAACAGCTGCAACGCCACCGCCAGTTTCGCTGTGCGCTACGAAGAAC  
GTATTTCCAGAACCAATGTTTACAACCTCGGATTGTAAACCGGAAACCCCTTTAAGCACTGCATTGTC  
CAGGTGCCACGCTACCCGTTGGAAACATGAATGCGCTAAAAATTCCTACGTTGCCTTCGGCTGCAAGAA  
CCTTTGCTTCTGTGTGTGCAACAAATGTTGGGGAGCAAGCCAACCAAAAGTGCAGCGTTAAAAATTAATGTG  
AGTGGCAGCCCTCAGGGTGGTGGGAACGGTCCGTGGGATTGACAGCACGGGCTGCCTCGGCATTAGGGA  
TTCTCATGGTCGGAGCAGCTTGGTTCGAAATGTTTAAAGCGGAATTACGCTCGCCAGACTTCACAAACT  
AGTCTTCTATCGCATGACTGAGCATGTTCTTCATGGCTGCTTCTGTACCGAAGTCAACCCAGTGGTGCG  
TTAATCAGAATACNTGCAGATGGTCTTTGGGGAGAAATCACGATTTCTGGATTTACGTTGAANACGTGT  
CAACAGACGTGCATCTGGTACTGATTTGTGCATTGTCTGCGTCAANAGACGTGTGGTTGGAAACCCGGGTGC  
CTTTCTGTTTCAATTCAGGTTGGTATTGTCCGTACACAACCTGTATGTGAGTGAAGTGGCGAGGG  
GGAATCTGCCAATTTTGTACACTGTTGTTGTGCGGTGACGTTACGACGGCTCGGCGATGCGTGCCACAC



CCATGTGGATTTTGTATTACAGGAAGGTGCGCACAAAGCAGCATTTTTATGCGGAAACAATTCGCGGAT  
TAGACTCGCCGCCATTCATTGCAGCATGCAGAGGCACCGTGTGGGGGGGCTTCAAGAAACGCTTTTCA  
AGCTCTCTTTTCTCTCAAAAAAAC  
>GBEV0047 |Acc|AY191006|Ver|AY191006.1 GI:28394721|Sarcocystis neurona surface antigen 2  
(SAG2) mRNA, complete cds.  
ATGTACCCTTGC GCGAGCGGCGTTTTTCAGATTGTAACGTGACATAGTCTGGGTCTTTCAGGGCAGG  
CGTCTCGCAGTTGTGGTGTGGTGTACGTGTTTACATAATTTTCACAGCCTGCTTGCAGCCGTGTTGGATTT  
TTGCTGCCAATATCCACCGTCCACGCTCTCAACATGGAGACTCCCCGATGCATTCTTGCCTGCGCTGCA  
GGCATAGCAGCAGTTATTATTTGCAGTTCCTTCTCCGTGCGGTGCGGCCAAGTCGCAACAATTGCGTGCA  
CACAAGCTGGAATGACCCCTGTTTCTCTGGGCCCCGCTCAGAGCTTTGTGCTGAAGTCCAGGACAGCTAGT  
TACCATAGCGACGCTTGCCTTTTACACCCACGCTTGTGCGGGCACTGGTGCCAATTGTCAGAAATCCT  
GAAACGTACGCCAAGTTGTTCCCAAGGCGTCCAACACGCTGTGGGTGAGTCCAGCGGACAGCACTAGTG  
CGACTCATACCTGGACGGCACCCGCTGCGAACAGTTGAGCGGCAAACTGTGTTTAGTGTGGGATGCAC  
CAGTACAGGCGACCCAGCGGGATCTGCGCCGTGACAGTGTGACAGTTTCCAGCTCAGTGAAGACAGTGCCT  
TCTGGTGTCTGCTTGAATGTGTTCACTCGCATCTCTCACAGTGTGTAAGGTGTGAAGATGAAATTGT  
CCCCGTGCGGCGAGAGCTTCTGAAGGTACGTAATCGGGGCTGGGAAGGCGTGCAGGTTTGAGATACATC  
GGTGTACAGCACACTTGCCTTCGTTTTTCAAACGCACGAAGTGTGACGTACGGTTTGAAGTCTGTGCATC  
CGACCGTATTTTTTGCACGTAACCGGTACCTGCGTCCGCGAAACATTTTTTGTGATTTGGTGGGAAA  
GACACTATTGCTGTTTTTCGAGGCCTTGGCTGATGTGCTAAAAGGGTGGGC  
>GBEV0048 |Acc|AY165000|Ver|AY165000.1 GI:27469347|Sarcocystis neurona RNA polymerase  
beta subunit (rpoB) gene, partial cds.  
TTTAATTGTTAGTAAAAAAGTTTTATACCAACAATTATTTACATCTCTTACATTGATATTTATGAAATA  
AATTTTTTCATATAATAAAAAAAGTGAATAGAAATTTAGTACATTAGAAATCCCTAAACAAAGTCTTTATA  
ATAAAAAATTTTTAGATTTTTTAGGAATTTGTAAGAAGGTGTAAAAATTTTACAGAATAATATTTTAAT  
AACAAAAATTAAGTTTTTAAATCTTCATGTTTTTATCTACCTTTAATTAAGCTTATTTATCAATTTTT  
GGACAAGAAATTAGAAATATTCAGATAATTCATATATATACAAATCAGGAAAAAGTGGCAAAGTAAGTA  
AAATCGAACTATTTTTATTAATAAGAATCTTTAGGAAAAACAAGCCAATACTGTTTATTTAAAAATGTGC  
CATTTTTATTTGTAGACAAAGATTTTTTAACAATAGGTGATAAATTATGTGGTAGACATGGA  
>GBEV0049 |Acc|AF532594|Ver|AF532594.1 GI:22347778|Sarcocystis neurona microneme antigen  
10 (MIC10) mRNA, complete cds.  
TCGAAGAGCACCTGCAGGTTCAAATCTATTTTCCGGAGTTACTCTCCTGTCGTACGCCCCTGCAAAGGA  
CGGTGTCGTTTCGATTGTTAGTGAACCTCAGAACGCGGGTTTTGTACCAGTACGTCCTTGTGTTACGTCAT  
TGCGTCAACCACTGGTATCTGGATTGCTGTTCTAAGGGACGGTGCCTTGTTCGGGTAATACCACACGCGG  
TGGACGACGTAGTCAGGTTTTCAAGATGACACCAATCAAGAATTAGTCTCTCTGCTGTCAGGGTGCCAG  
TGGGGGATTATCCGCTCTTCTGCAGAATGTATTCACTTCTTGGTCTTCTTGTGTTTTCTCTAGCGTCAGTG  
GTACCACTTCAATGAATTTAGGAAAAATGATGAGCGTCCCTAGCGGTTTGGAGCGTGAGTCCGCGTA  
CGACTCCGCGTACGACTCGGCGACGGATACAAGTGCCGCGTGCAGGATGACAACAGCATAGAGGCGAA  
ATAGATTCTTCTCTACAAGACGGAGAATGGCGTCAAATGTTGAGCTAAAAAGTATTGCTCCGCAACCA  
GCCGAAATGCGTATAATCCAGAAGCCCTGTACGCTGAGCGTGCAGCAACTTGCTCGACAAACGCCAGC  
GGAAGTTGAAAAGGCCAAGCAACAATACCGGGAAGAACAGAGAGAAAAAACAGGCCGAGAGTGAACGC  
AGACGACAGTATGGTCAGGTGGTTCAAGAAATGAAGGTGGCAGCGGCAGCTCATCAGATGGCTCCGAAAA  
GAAGTCTATATACTCAGGGGCTCCGTGCGGGCAGGAGAGGATGTACCAGGAGCAGCAAGCAGCTGCGGC  
AAGAGTTACTCCTGAACAGAGGCGTCAAGCAATGGAAGCGCGACAACGGGAAGTGAAGAGAGAGAGAAG  
ATGCTGACGAGGTACGGCGACGTTATGGCTGAATTGAAGGAAAAAATGGCAGCCAGGGCGCAACGCTCTCG  
AGGCGAAAGGTGCACGCGGATGAGAAGTAGCAGCACTCCTTGACGCAACCCCTCACTGTGATTCAAAGG  
AAGGCCTCTACGTTTACGCTGGACGCTAACTGGCTTACCGGATCCAAGGAAGGAGGAAAGAATCCATCTA  
TGCCGCCAAAAAGAACTGACACAACCGAAACGTTTTCCGTGCGGAGATGACTTCGTTTAAAGTTTTAGTTCT  
CACTTCGTTGTAAGCTGATTTGCATACGACTTAGCTTTTAATCTCCAGTTTTTTAGGTGGCTACCATGT  
GGCACCTCATCGTTGGCAAACAATCAAACGTATTATGCTCTGTTAGGCAGGCACCTGACGGCGACTCGCA  
CATGTACGAAATATTTATGAAAAGGGGAAGCAGATCTACGCTGGACAGTACCAAGGCTGAGGCACACGT  
GTGTCCTACGAGGTCTGTTTTGCACTGGAGAGTTTGCAGGTCAGGCAGTATCAGTAGTTGGCTTTGGGG  
GCTTGCAGGACACAGCAGGTGCTCAATTTTGGTCTACAAGCGCATTTGTATATGCATATATATATATATA  
TATATATATGCCCACGTAGTCGCCCCAGGGTCATGTAGATATGTGCAAATGTTGATATTTCAAGTGTCAAT  
GCACGTGCACGTGTTGCCCTATGGGCGTAGTCGCCTTCATCCGACGTTCCGCAATATGTTGTACCCAGGT  
GTACCTGTAAGCGTGCCTTATCCTTGTATATCGGTGAGCTTTCAGATATGTCAACACGGGCTCAGGAGAA  
ACGTATAGTGCCTCTAGTGCATGGAGCTTTCAGTGGGGGCACCAAAAAAGTAGACTGGCAATGATGA  
TGTCGCCACTGTTGCACTGCGGAAGGTGTGCTTAATCTTCAGAGGCATAGTAATTAGATTATAGTGTAC

GTTCGCGTCTGTGTTGTTGCGGTCGTAGTTGTGATCTGCAGCACCATGATAAATGCGCCTGTGAACGTA  
GCAGCAACGTTGTCTATGCAAACACACAGATCCCGCATGCAACTGCGACGACTTCGTGGCCCAAGGATTA  
AAGTTCGCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
>GBEV0050 |Acc|AF401682|Ver|AF401682.1 GI:15290644|Sarcocystis neurona merozoite surface  
antigen SAG1 (SAG1) gene, complete cds.  
AATGACGAGGGCGGTGCTGCTGACGTTTCTGACACTCTGCTCCGCCAGAGTGTCCCTTGTGAGGGCCGGA  
GCGCCGCTCAAGCAACGTGCGCCCAATGGCGAAACGACTGTTACTAAGCTCGGCAGCTCTGGCGCACTAC  
GAATCCACTGCCCCAAATAATTTTCGACTCGCGCCCCGGGCTGGGAATGACGCCGGTCAGATGCAGGTCTA  
TGCAACTGCGGTTGCTGAGAATCCTGTAAACATACGAGACGTCCTGCCCGGCGCATCTTACCTCTCTGTA  
CAGAACGTCCCGACCCCTCACCGTCCCGCAATTGCCCGCCAAAGCTACGAGCGTCTTTTTCCTGTCAGC  
AGCAACCCGACAACCAATGCTTCATCCAGGTAGAAGTAGCGCCGGCTCCGCGCCTAGGTAGGTTTATATG  
CATTAGGAGTAGGTTTCATATGATTAGGATGCGTACTCGTGGCTCGAATGTTCCACTGCAGCGCGGTGAG  
ATTGGCGGCTAACCGGGTAAATGTGCGTCTTTTTTTGTTACGCAGGTCCGAATACCTGCGCGGCGCTGCA  
GTCCACGATCGCCTTCGAAGTTCAACAAGCGAATGAAACAGCAGTCTTCAGCTGCGCGGAGGGACTTGCT  
GTGTTCCCGCAAGGTAGCAAAGCGTTGGATGAAGCCTGCTCCAAAGAGCAGGCCCCACCCAGTGGCGCCG  
CTTTAGCTCCAAAGGATGGTGGGCTCCACCTTGGTTTTCTCAGCTTCCTCAGCAGGCTATGAAGATTTG  
CTATATTTGTACGAATGGTGGTGTGAGGCGAGGCGGCCAACCGGTGTGAGGTTTCGCATCTCCGTGCGA  
GCGAACCCAGACGGAAGCGTTCCAGGGGCTAACGGAGCCGCTCTCTAGGAGCTGCCGCACGCAGCGCCT  
CTGCGTTAGGGTTGGCTCTCGTTGCAGGCGCTTTCTTGCACCTTTTGCTAA  
>GBEV0051 |Acc|AY032845|Ver|AY032845.1 GI:13936364|Sarcocystis neurona surface antigen 1  
(SAG1) mRNA, complete cds.  
GGGGAGGTAAGTGTGGCGGTAATGCTGCATCATTAGGGTCAGACACGCTGTCCATCTGTCAATTCTCGCC  
AGAATGACGAGGGCGGTGCTGCTGACGTTTCTGACACTCTGCTCCGCCAGAGTGTCCCTTGTGAGGGCCG  
GAGCGCCGCTCAAGCAACGTGCGCCCAATGGCGAAACGACTGTTACTAAGCTCGGCAGCTCTGGCGCACT  
ACGAATCCACTGCCCCAAATAATTTTCGACTCGCGCCCCGGGCTGGGAATGACGCCGGTCAGATGCAGGTCT  
TATGCAACTGCGTTGCTGAGAATCCTGTAAACATACGAGACGTCCTGCCCGGCGCATCTTACCTCTCTG  
TACAGAAGCTCCCGACCCCTCACCGTCCCGCAATTGCCCGCCAAAGCTACGAGCGTCTTTTTCCTGTCGA  
GCAGCAACCCGACAACCAATGCTTCATCCAGGTAGAAGTAGCGCCGGCTCCGCGCCTAGGTCCGAATACC  
TGCGCGGCGCTGCAGTCCACGATCGCCTTCGAAGTTCAACAAGCGAATGAAACAGCAGTCTTCAGCTGCG  
GCGAGGGACTTGCTGTGTTCCCGCAAGGTAGCAAAGCGTTGGATGAAGCCTGCTCCAAAGAGCAGGCCCT  
ACCCAGTGGCGCCGCTTTAGCTCCAAAGGATGGTGGGCTCCACCTTGGTTTTCTCAGCTTCCTCAGCAG  
GCTATGAAGATTTGCTATATTTGTACGAATGGTGGTGTGAGGCGAGAGCGGCCCAACGGTGTGAGGTTT  
GCATCTCCGTGCGAGCGAACCCAGACGGAAGCGTTCCAGGGGCTAACGGAGCCGCTCTCTAGGAGCTGC  
CGCAGCGAGCGCCTCTGCGTTAGGGTTGGCTCTCGTTGCAGGCGCTTTCTTGCACTTTGTGCTAATCCTGC  
CGTGTAGCGTCTCTGGTGGCCCCGCCACAGATCCTGGTTATTTCCACAGCTGCCAAAAGGGGCAACGAC  
GCTCCCAAGCAATGCTGACGCGTTTCAGTAACGTGCGCTACTGTTCCAAAACGGGAAAATCCGAATG  
CAAAATTCATCCGGTGCAGCGTCCCATGTGTTTCAGTTACGACTGGACGAGTGTAGTCACATGGTTTTACA  
TCCATTCGAGTGCAGAGGCGTGGGCTCGCATATTTTTTTTGTAGTGTGCCGTTGTAGATCCAGCAAGTT  
AAATATGTTATTCATTTTGAAGCGCTGTTCACGTTAGGCGGCTGGAAAATTTCTGGGCGCTCGTGGTG  
CGCCATAGCAGCAACCAAGTTAGTAGCTTGAGTGCAGTGCATGACGCGGTCTCAAGATGGTTCAACAGTTGCAG  
TTATCAGCCTCCATAGGTTTTAATGGCAGCGTTACCAACGGGCTGCTTTTCAATCCAGATCGCGTGTGAG  
TTTCATATGGAAGTGGTCCGAGTCGTTATACGAATTTGGTGTGCAACGATCAAAATTTCTCTTACGG  
TCAAAAAAAAAAAAAAAAAAAAAA  
>GBEV0052 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|97..465  
ATGTCTAAGAAACCAGAGGGGCCGGAAGAGCCGGGCTGTCAATATGCTAAAACGCGGAATGCCCGCG  
TGTGTCCTTGTATTGGACTGAAGAGGGCTATGTTGAGCCTGATCGACGGCAAGGGGCCAATACGATTTGT  
GTTGGCTCTCTTGGCTTCTCAGGTTTCACAGCAATTTGCTCCGACCCGAGCAGTGTGATCGGATGAGAG  
GGTGTGAACAAACAAACAGCGATGAAACACCTTCTGAGTTTTAAGAAGGAAGTGGGACCTTGACCAAGT  
CTATCAATCGGCGGAGCTCAAAACAAAGAAAAGAGGAGGAAAGACCGGAATTGCAGTCATGATTGGCCT  
GATCGCCAGCGTAGGAGCA  
>GBEV0053 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|466..741  
GTTACCCTCTCTAATTTCAAGGGAAGGTGATGATGACGGTAAATGCTACTGACGTCACAGATGTCATCA  
CGATTCCAACAGCTGCTGGAAAGAACCTATGCATTGTGAGGCAATGGATGTGGGATACATGTGCGATGA  
TACTATCACTTATGAATGCCAGTGTGTCGGCTGGTAAATGATCCAGAAGACATCGACTGTGGTGCACA  
AAGTCAGCAGTCTACGTCAGGTATGGAAGATGCACCAAGACACGCCACTCAAGACGCAGTCCGAGG

>GBEV0054 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|742..966  
TCACTGACAGTGCAGACACACGGAGAAAGCACTCTAGCGAACAAGAAGGGGGCTTGGATGGACAGCACCA  
AGGCCACAAGGTATTTGGTAAAAACAGAATCATGGATCTTGAGGAACCTGGATATGCCCTGGTGGCAGC  
CGTCATTGGTTGGATGCTTGGGAGCAACACCATGCAGAGAGTTGTGTTTGTCTGCTATTGCTTTTGGTG  
GCCCCAGCTTACAGC  
>GBEV0055 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|967..2469  
TTCAACTGCCTTGAATGAGCAACAGAGACTTCTTGAAGGAGTGTCTGGAGCAACATGGGTGGATTG  
TTCTCGAAGGCGACAGCTGCGTGACTATCATGTCTAAGGACAAGCCTACCATCGATGTGAAGATGATGAA  
TATGGAGGCGGCCAACCTGGCAGAGGTCCGCAAGTTATTGCTATTTGGCTACCGTCAGCGATCTCTCCACC  
AAAGCTGCGTGCCCGACCATGGGAGAAGCTCACAATGACAAACGTGCTGACCCAGCTTTTGTGTGCAGAC  
AAGGAGTGGTGGACAGGGGCTGGGGCAACGGCTGCGGACTATTTGGCAAAGGAAGCATTGACACATGCGC  
CAAATTTGCCTGCTCTACCAAGGCAATAGGAAGAACCATCTTGAAAGAGAATATCAAGTACGAAGTGGCC  
ATTTTTGTCCATGACCAACTACTGTGGAGTGCACGGAACTACTCCACACAGGTTGGAGCCACTCAGG  
CAGGGAGATTGAGCATCACTCCTGCGGCGCTTCATACACACTAAAGCTTGGAGAATATGGAGAGGTGAC  
AGTGGACTGTGAACACGGTCAAGGATTGACACCAATGCATACTACGTGATGACTGTTGGAACAAAGACG  
TTCTTGGTCCATCGTGAGTGGTTCATGGACCTCAACCTCCCTTGGAGCAGTGTGGAAGTACTGTGTGGA  
GGAACAGAGAGACGTTAATGGAGTTTGAGGAACCAACGCGCACGAAGCAGTCTGTGATAGCATTGGGCTC  
ACAAGAGGGAGCTCTGCATCAAGCTTTGGCTGGAGCCATTCTGTGGAATTTTCAAGCAACACTGTCAAG  
TTGACGTGCGGTCAATTTGAAGTGTAGAGTGAAGATGGAAAATTCAGTTGAAGGGAACAACCTATGGCG  
TCTGTTCAAAGGCTTTCAAGTTTCTTGGGACTCCCGCAGACACAGGTACGGCACTGTGGTGTGGAATT  
GCAGTACACTGGCAGGACCTTGCAAGTTCTTATCTCGTCAGTGGCTTCATGAACGACCTAAGC  
CCAGTGGGCGAGTTGGTCACTGTCAACCCTTTTGTTCAGTGGCCACGGCCAACGCTAAGGTCCTGATTG  
AATTGGAACACCTTTGGAGACTCATACATAGTGGTGGGCGAGAGGAGAACAACAGATCAATCACCATTG  
GCACAAGTCTGGAAGCAGCATTGGCAAAGCCTTTACAACCACCTCAAAGGAGCGCAGAGACTAGCCGCT  
CTAGGAGACACAGCTTGGGACTTTGGATCAGTTGGAGGGGTGTTACCTCAGTTGGGAAGGCTGTCCATC  
AAGTGTTCGGAGGAGCATTCCGCTCACTGTTTCGGAGGCATGTCCTGGATAACGCAAGGATTGCTGGGGC  
TCTCCTGTTGTGGATGGGCATCAATGCTCGTGATAGGTCCATAGCTCTCACGTTTCTCGCAGTTGGAGGA  
GTTCTGCTCTTCTCTCCGTGAACGTGCACGCT  
>GBEV0056 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|2470..3525  
GACACTGGGTGTGCCATAGACATCAGCCGCGCAAGAGCTGAGATGTGGAAGTGGAGTGTTCATACACAATG  
ATGTGGAGGCTTGGATGGACCGGTACAAGTATTACCTGAAACGCCACAAGGCCTAGCCAAGATCATTTCA  
GAAAGCTCATAGGAAGGAGTGTGCGGTCTACGATCAGTTTCCAGTGGAGCATCAAATGTGGGAAGCA  
GTGAAGGACGAGCTGAACACTCTTTTGAAGGAGAATGGTGTGGACCTTAGTGTCTGTTGAGAAACAGG  
AGGGAATGTACAAGTCAGCACCTAAACGCTCACCAGCCACCACGGAAAAATTGGAATTTGGCTGGAAGGC  
CTGGGGAAGAGTATTTTATTGTCACCAGAACTCGCCAAACACCTTTGTGGTTGATGGTCCGGAGACC  
AAGGAATGTCCGACTCAGAATCGCGCTTGGAAATAGCTTAGAAGTGGAGGATTTTGGATTGCTCACC  
GCACTCGGATGTTCTGAAGGTGAGAGAGCAACACAACTGAATGTGACTCGAAGATCATTGGAACGGC  
TGTCAAGAACAACCTTGGCGATCCACAGTGACCTGTCTTATGGATTGAAAGCAGGCTCAATGATACGTGG  
AAGCTTGAAGGGCAGTTCTGGGTGAAGTCAAATCATGTACGTGGCCTGAGACGCATACCTTGTGGGGCG  
ATGGAATCCTTGAGAGTGACTTGATAATACAGTCACACTGGCGGGACCAGCAAGCAATCACAATCGGAG  
ACCTGGGTACAAGACACAAAACAGGGCCCATGGGACGAAGGCCGGGTAGAGATTGACTTCGATTACTGC  
CCAGGAACCTACGGTCACCTGAGTGAGAGCTGCGGACACCGTGGACCTGCCACTCGCACCACCACAGAGA  
CGGGAAGTTGATAACAGATTGGTGTGTCAGGAGCTGCACCTTACCACCCTGCGCTACCAAACCTGACAG  
CGGCTGTTGGTATGGTATGGAGATCAGACCACAGAGACATGATGAAAAGACCCTCGTGCAGTCACAAGTG  
AATGCT  
>GBEV0057 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|3526..4218  
TATAATGCTGATATGATTGACCTTTTTCAGTTGGGCCTTCTGGTCTGTCTTGGCCACCCAGGAGGTCC  
TTGCAAGAGGTGGACAGCCAAGATCAGCATGCCAGCTATACTGATTGCTCTGCTAGTCTCTGGTGTGG  
GGGCATTACTTACACTGATGTGTACGCTATGTCTCTTGGTGGGGGCGAGCTTTCGCGAGAATCTAATTG  
GGAGGAGACGTGGTACACTTGGCGCTCATGGCGACCTTCAAGATACAACCACTGTTTATGGTGGCATCGT  
TTCTCAAAGCGAGATGGACCAACCAAGGAGAACATTTTGTGATGTTGGCGGCTGCTTTCTTTCAAATGGC  
TTATCACGATGCCCGCAAATTTCTGCTCTGGGAGATCCCTGATGTGTTGAATTAAGTGGCGGTAGCTTG  
ATGATACTGAGAGCCATAACATTACAAACGACATCAAACGTGGTTGTTCCGCTGCTAGCCCTGCTAACAC

CCGGGCTGAGATGCTTGAATCTGGATGTGTACAGGATACTGCTGTTGATGGTCGGAATAGGCAGCTTGAT  
CAGGGAGAAGAGGAGTGCAGCTGCAAAAAAGAAAGGAGCAAGTCTGCTATGCTTGGCTCTAGCCCTCAACA  
GGACTTTTCAACCCCATGATCCTTGCTGCTGGACTGATTGCATGTGATCCCAACCGTAAACGC  
>GBEV0058 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|4219..4611  
GGATGGCCCGCAACTGAAGTGATGACAGCTGTGCGCCTAATGTTTGCCATCGTCGGAGGGCTGGCAGAGC  
TTGACATTGACTCCATGGCCATTCCAATGACTATCGCGGGGCTCATGTTTGCTGCTTTCGTGATTTCTGG  
GAAATCAACAGATATGTGGATTGAGAGAACGGCGGACATTTCTGGGAAAGTGATGCAGAAATTACAGGC  
TCGAGCGAAAGAGTTGATGTGCGGCTTGATGATGATGGAACCTCCAGCTCATGAATGATCCAGGAGCAC  
CTTGGAAGATATGGATGCTCAGAATGGTCTGTCTCGCGATTAGTGCGTACACCCCTGGGCAATCTTGCC  
CTCAGTAGTTGGATTTTGGATAACTCTCCAATACACAAAGAGA  
>GBEV0059 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|4612..6468  
GGAGGCGTGTGTGGGACACTCCCTCACCAGGAGTACAAAAAGGGGGACACGACCACCGGCGTCTACA  
GGATCATGACTCGTGGGCTGCTCGGCAGTTATCAAGCAGGAGCGGGCGTGATGGTTGAAGGTGTTTCCA  
CACCCTTTGGCATAACAACAAAGAGCGCGCTTTGATGAGCGGAGAGGGCCGCTGGACCCATACTGGGGC  
AGTGTCAAGGAGGATCGACTTTGTTACGGAGGACCCCTGGAAATTGCAGCACAAGTGGAAACGGGCAGGATG  
AGGTGCAGATGATTGTGGTGGAACTTGCAAGACGTTAAGAACGTCAGACGAAACAGGGGTGTTCAA  
AACACCTGAAGGAGAAATCGGGGCGGTGACTTTGGACTTCCCCACTGGAACATCAGGCTCACCATTAGTG  
GACAAAAACGGTGATGTGATTGGGCTTTATGGCAATGGAGTCATAATGCCAACGGCTCATACATAAGCG  
CGATAGTGCAGGGTGAAAGGATGGATGAGCCAATCCCAGCCGGATTGCAACCTGAGATGCTGAGGAAAAA  
ACAGATCACTGTACTGGATCTCCATCCCGGCGCCGTTAAACAAGGAGGATCTGCCACAGATCATCAAA  
GAGGCCATAAACAGAAGACTGAGAACAGCCGTGCTAGCACCAACAGGGTTGTGGCTGCTGAGATGGCTG  
AAGCACTGAGAGGACTGCCCATCCGGTACCAGACATCCGCGAGTGCAGAGACATAATGGAAATGAGAT  
TGTTGATGTCATGTGTATGCTACCCCTACCCACAGGCTGATGTCTCCTCACAGGGTGCCGAATACAAC  
CTGTTTCGTGATGGATGAAGCTCATTTACCGAGCTAGCATTGCAGCAAGAGGTTACATTTCCACAA  
AGGTCGAGCTAGGGGAGGCGGCGGCAATATTATGACAGCCACCCACAGGCACTTCAGATCCATTCCC  
AGAGTCCAATTCACCAATTTCCGACTTACAGACTGAGATCCCGGATCGAGCTTGGAACTCTGGATACGAA  
TGGATCACAGAATACACCGGGAAGACGGTTTGGTTTGTGCTAGTGTCAAGATGGGGAATGAGATTGCC  
TTTGCCCTACAACGTGCTGGAAAGAAAGTAGTCCAAATGAACAGAAAGTCGTACGAGACGGAGTACCCAAA  
ATGTAAGAACGATGATTGGGACTTTGTTATCACAAACAGACATATCTGAAATGGGGGCTAATTCAAGGCG  
AGCAGGGTGATTGACAGCCGGAAGAGTGTGAAACCAACCATCATAACAGAAGGAGAAGGGAGAGTGATCC  
TGGGAGAACCATCTGCAGTGACAGCAGCTAGTGCCGCCCAGAGACGTGGACGTATCGGTAGAAATCCGTC  
GCAAGTTGGTGATGAGTACTGTTATGGGGGGCACAGCAATGAAGACGACTCGAATTTCGCCCATTTGGACT  
GAGGCACGAATCATGCTGGACAACATCAACATGCCAAACGGACTGATCGCTCAATTTCTACCAACGAGC  
GTGAGAAGGTATATACCATGGATGGGGAATACCGGCTCAGAGGAGAAGAGAGAAAAAATTTCTGGAAT  
GTTGAGGACTGCAGATCTGCCAGTTTGGCTGGCTTACAAGGTTGCAGCGGCTGGAGTGCCATACCACGAC  
CGGAGGTGGTGCTTTGATGGTCTTAGGACAAACAAATTTAGAAAGACAACGAAGTGGAGTCATCA  
CGAAGCTTGGTGAAAGGAAGATTCTGAGGCCGCGCTGGATTGACGCCAGGGTGTAATCGGATCACCAGGC  
ACTAAAGGCGTTCAAGGACTTCGCCTCGGGAACGCT  
>GBEV0060 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|6469..6915  
TCTCAGATAGGGCTCATTGAGGTTCTGGGAAAGATGCCTGAGCACTTCATGGGGAAGACATGGGAAGCAC  
TTGACACCATGTACGTTGTGGCCACTGCAGAGAAAGGAGGAAGAGCTCACAGAATGGCCCTGGAGGAACT  
GCCAGATGCTCTTCAGACAATTGCCTTGATTGCTTATTGAGTGTGATGACCATGGGAGTATTTCTTCTC  
CTCATGCAGCGGAAGGGCATTTGGAAGATAGGTTTGGGAGGCGCTGTCTTGGGAGTCGCGACCTTTTTCT  
GTTGGATGGCTGAAGTTCCAGGAACGAAGATCCCGGAATGTTGCTGCTCTCCCTTCTCTTGATGATTGT  
GCTAATTCCTGAGCCAGAGAAGCAACGTTTCGACAGACACAACAGCTAGCCGTGTTTCTGATTTGTGTC  
ATGACCCCTGTGAGCGCAGTGGCAGCC  
>GBEV0061 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|6916..7680  
AACGAGATGGGTTGGCTAGATAAGACCAAGAGTGACATAAGCAGTTTGTGTTGGGCAAAGAAATTGAGGTCA  
AGGAGAATTTACGATGGGAGAGTTTCTTCTGGACTTGAGGCCGGCAACAGCCTGGTCACTGTACGCTGT  
GACAACAGCGGCTCTCACTCACTAAAGCATTGATCAGCTCAGATTACATCAACACCTCATTGACC  
TCAATAAACGTTTCAGGCAAGTGCACTATTACACTCGCGCAGGCTTCCCTTCGTGATGTTGGAGTGT  
CGGCTCTCCTGCTAGCAGCCGGATGCTGGGGACAAGTCACCCCTACCGTTACGGTAACAGCGGCAACACT  
CCTTTTTTGGCACTATGCTTACATGGTTCCCGTTGGCAAGCTGAGGCAATGCGCTCAGCCAGCGGCGG

ACAGCGGCCGAATCATGAAGAACGCTGTAGTGGATGGCATCGTGGCCACGGACGTCCCAGAATTAGAGC  
GCGCCACACCCATCATGCAGAAGAAAGTTGGACAGATCATGCTGATCTTGGTGTCTCTAGCTGCAGTAGT  
AGTGAACCCGCTCTGTGAAGACAGTACGAGAAGCCGGAATTTTGATCACGGCCGACGCGGTGACGCTTTGG  
GAGAATGGAGCAAGCTCTGTTTGGAAACGCAACAACCTGCCATCGGACTCTGCCACATCATGCGTGGGGSTT  
GGTTGTCTATGTCTATCCATAACATGGACACTCATAAAGAACATGGA AAAACCAGGACTAAAAAGA  
>GBEV0062 |Acc|AF260967|Ver|AF260967.1 GI:9930133|West Nile virus strain NY99-eqhs,  
complete genome.|7681..10395  
GGTGGGGCAAAAAGGACGCACCTTGGGAGAGGTTTGGAAAGAAAGACTCAACCAGATGACAAAAGAAGAGT  
TCACTAGGTACCGCAAAGAGGGCCATCATCGAAGTCGATCGCTCAGCGGCCAAAACACGCCAGGAAAGAAGG  
CAATGTCACTGGAGGGCATCCAGTCTCTAGGGGACACGCAAAACTGAGATGGCTGGTCTGAACGGAGGTTT  
CTCGAACCGGTTCGGA AAAAGTGAATTGACCTTGGATGTGGAAGAGGCGGTGGTGTACTATATGGCAACCC  
AAAAAGAGTCAAGAAGTCAGAGGGTACACAAAAGGCGGTCCCGGACATGAAGAGCCCCAAGTATGCA  
AAGTTATGGATGGAACATTGTCAACATGAAGAGTGGAGTGGATGTGTTCTACAGACCTTCTGAGTGTGT  
GACACCTCCTTTGTGACATCGGAGAGTCTCTCGTCAAGTGTCTGAGGTTGAAGAGCATAGGACGATTCGGG  
TCCTTGAATGGTTGAGGACTGGCTGCACCGAGGGCCAAGGGAATTTGCGTGAAGGTGCTCTGCCCTA  
CATGCCGAAAGTCATAGAGAAGATGGAGCTGCTCCAACGCCGCTATGGGGGGGACTGGTCAAGAACCCA  
CTCTCACGGAATTCACGCACGAGATGTATTGGGTGAGTCGAGCTTCAGGCAATGTGGTACATTCACTGA  
ATATGACCAGCCAGGTGCTCCTAGGAAGAATGGA AAAAGGACCTGGAAGGGACCCCAATACGAGGAAGA  
TGTAACCTTGGGAAGTGAACACAGGGCGGTGGGAAAACCCCTGCTCAACTCAGACACCAAGTAAATCAAG  
AACAGGATTGAACGACTCAGGCGTGAGTACAGTTCGACGTGGCACCACGATGAGAACCACCCATATAGAA  
CCTGGAACATCACGGCAGTTATGATGTGAAGCCACAGGCTCCGCCAGTTCGCTGGTCAATGGAGTGGT  
CAGGCTCCTCTCAAAACCATGGGACACCATCACGAATGTTACCACCATGGCCATGACTGACACTACTCCC  
TTCGGGCAGCAGCGAGTGTTCAAAGAGAAGGTGGACACGAAAGCTCCTGAACCGCCAGAAGGAGTGAAGT  
ACGTGCTCAACGAGACCAACCACTGTTTGTGGGCGTTTGGCCAGAGAAAACGTCCTCAGAAATGTGCTC  
TCGAGAGGAATTCATAAGAAAGGTCAACAGCAATGCAGCTTTGGGTGCCATGTTTGAAGAGCAGAATCAA  
TGGAGGAGCGCCAGAGAAGCAGTTGAAGATCCAAAATTTTGGGAGATGGTGGATGAGGAGCGCGAGGCAC  
ATCTGCGGGGGGAATGTCAACTTGCATTTACAACATGATGGGAAAGAGAGAGAAAAAACCCGAGAGTT  
CGGAAAGGCCAAGGGAAGCAGAGCCATTTGGTTTCATGTGGCTCGGAGCTCGCTTTCTGGAGTTCGAGGCT  
CTGGGTTTTCTCAATGAAGACCACTGGCTTGAAGAAAGAACTCAGGAGGAGGTGTCGAGGGCTTGGGCC  
TCCAAAACCTGGGTACATCCTGCGTGAAGTTGGCACCCGGCCTGGGGGCAAGATCTATGCTGATGACAC  
AGCTGGCTGGGACACCCGCATCACGAGAGCTGACTTGGAAAATGAAGCTAAGGTGCTTGAGCTGCTTGAT  
GGGGAACATCGGCGTCTTGCCAGGGCCATCATTGAGCTCACCTATCGTCACAAAGTTGTGAAAGTGATGC  
GCCCCGCTGCTGATGGAAGAACCCTCATGGATGTTATCTCCAGAGAAGATCAGAGGGGGAGTGGACAAGT  
TGTCACCTACGCCCTAAACACTTTCAACCAACCTGGCCGTCCAGCTGGTGAGGATGATGGAAGGGGAAGGA  
GTGATTGGCCCAGATGATGTGGAGAACTCACAAAAGGGAAAGGACCCAAAGTCAGGACCTGGCTGTTTG  
AGAATGGGGAAAGAAAGACTCAGCCGCATGGCTGTGCTGGAGATGACTGTGTGGTAAAGCCCTGGACGA  
TCGCTTTGCCACCTCGCTCCACTTCTCAATGCTATGTCAAAGGTTTCGCAAGACATCCAAGAGTGGAAA  
CCGTCAACTGGATGGTATGATTGGCAGCAGGTTCCATTTTGGTCAAACCATTTCACTGAATTGATCATGA  
AAGATGGAAGAACTGGTGGTTCCATGCCGAGGACAGGATGAATTGGTAGGCAGAGCTCGCATATCTCC  
AGGGCCGGATGGAACGTCCGCGACACTGCTTGTCTGGCTAAGTCTTATGCCAGATGTGGCTGCTTCTG  
TACTTCCACAGAAGAGACCTGCGGCTCATGGCCAACGCCATTTGCTCCGCTGTCCCTGTGAATTGGGTCC  
CTACCGGAAGAACCGTGGTCCATCCATGCAGGAGGAGAGTGGATGACAACAGAGGACATGTTGGAGGT  
CTGGAACCGTGTGGATAGAGGAGAATGAATGGATGGAAGACAAAACCCAGTGGAGAAATGGAGTGAC  
GTCCCATATTCAGGAAAACGAGAGGACATCTGGTGTGGCAGCCTGATTGGCACAAGAGCCCGAGCCACGT  
GGGCAGAAAACATCCAGGTGGCTATCAACCAAGTCAGAGCAATCATCGGAGATGAGAAGTATGTGGATTA  
CATGAGTTCATAAGAGATATGAAGACACAACCTTTGGTTGAGGACACAGTACTG

# TABLE 39

GBCA0002_at	GBCA0055_at	GBCA0107_at	GBCA0158_at
GBCA0002_at	GBCA0056_at	GBCA0108_at	GBCA0159_s_at
GBCA0003_at	GBCA0057_at	GBCA0109_at	GBCA0160_at
GBCA0004_s_at	GBCA0058_at	GBCA0110_at	GBCA0161_at
GBCA0005_at	GBCA0059_at	GBCA0111_at	GBCA0162_s_at
GBCA0006_at	GBCA0060_at	GBCA0112_at	GBCA0163_at
GBCA0007_at	GBCA0061_at	GBCA0113_at	GBCA0164_at
GBCA0008_at	GBCA0062_at	GBCA0114_at	GBCA0165_at
GBCA0009_at	GBCA0063_at	GBCA0115_at	GBCA0166_at
GBCA0010_at	GBCA0064_at	GBCA0116_at	GBCA0167_at
GBCA0011_at	GBCA0065_at	GBCA0117_at	GBCA0168_at
GBCA0012_at	GBCA0066_at	GBCA0118_at	GBCA0169_at
GBCA0013_at	GBCA0067_at	GBCA0119_at	GBCA0170_at
GBCA0014_at	GBCA0068_at	GBCA0120_at	GBCA0171_at
GBCA0015_at	GBCA0069_at	GBCA0121_at	GBCA0172_at
GBCA0016_at	GBCA0070_at	GBCA0122_at	GBCA0173_at
GBCA0017_at	GBCA0071_at	GBCA0123_at	GBCA0174_at
GBCA0018_at	GBCA0072_at	GBCA0123_s_at	GBCA0175_at
GBCA0019_at	GBCA0073_at	GBCA0124_at	GBCA0176_at
GBCA0020_at	GBCA0074_at	GBCA0125_at	GBCA0177_at
GBCA0021_at	GBCA0075_at	GBCA0126_at	GBCA0178_s_at
GBCA0022_s_at	GBCA0076_at	GBCA0127_at	GBCA0178_x_at
GBCA0023_at	GBCA0077_at	GBCA0128_at	GBCA0179_at
GBCA0024_at	GBCA0078_at	GBCA0129_at	GBCA0180_at
GBCA0025_s_at	GBCA0079_at	GBCA0130_at	GBCA0181_at
GBCA0026_s_at	GBCA0080_s_at	GBCA0131_at	GBCA0182_at
GBCA0027_at	GBCA0081_at	GBCA0132_at	GBCA0183_at
GBCA0028_at	GBCA0082_at	GBCA0133_at	GBCA0184_at
GBCA0029_at	GBCA0083_at	GBCA0134_at	GBCA0185_at
GBCA0030_at	GBCA0084_at	GBCA0135_at	GBCA0186_at
GBCA0031_at	GBCA0085_at	GBCA0136_at	GBCA0188_s_at
GBCA0033_at	GBCA0086_at	GBCA0137_at	GBCA0189_s_at
GBCA0034_at	GBCA0087_at	GBCA0138_at	GBCA0190_at
GBCA0035_at	GBCA0088_at	GBCA0139_at	GBCA0191_at
GBCA0036_at	GBCA0089_at	GBCA0140_at	GBCA0192_at
GBCA0038_s_at	GBCA0090_at	GBCA0141_at	GBCA0193_at
GBCA0039_at	GBCA0091_at	GBCA0142_at	GBCA0194_at
GBCA0040_at	GBCA0092_at	GBCA0143_at	GBCA0195_at
GBCA0041_at	GBCA0093_at	GBCA0144_at	GBCA0196_at
GBCA0042_at	GBCA0094_at	GBCA0145_at	GBCA0197_at
GBCA0043_at	GBCA0095_at	GBCA0146_at	GBCA0198_at
GBCA0044_at	GBCA0096_at	GBCA0147_at	GBCA0199_at
GBCA0045_at	GBCA0097_at	GBCA0148_at	GBCA0200_at
GBCA0046_at	GBCA0098_at	GBCA0149_at	GBCA0201_at
GBCA0047_at	GBCA0099_at	GBCA0150_at	GBCA0202_at
GBCA0048_at	GBCA0100_at	GBCA0151_at	GBCA0203_at
GBCA0049_at	GBCA0101_at	GBCA0152_at	GBCA0204_at
GBCA0050_at	GBCA0102_at	GBCA0153_at	GBCA0205_at
GBCA0051_at	GBCA0103_at	GBCA0154_at	GBCA0206_at
GBCA0052_at	GBCA0104_at	GBCA0155_at	GBCA0207_at
GBCA0053_at	GBCA0105_at	GBCA0156_at	GBCA0208_at
GBCA0054_s_at	GBCA0106_at	GBCA0157_at	GBCA0209_at



GBCA0210_at	GBCA0263_at	GBCA0313_at	GBCA0365_at
GBCA0211_at	GBCA0264_at	GBCA0314_at	GBCA0366_at
GBCA0212_at	GBCA0265_at	GBCA0315_at	GBCA0367_at
GBCA0213_at	GBCA0266_at	GBCA0316_at	GBCA0368_at
GBCA0214_s_at	GBCA0267_at	GBCA0317_at	GBCA0369_at
GBCA0215_at	GBCA0268-3_at	GBCA0318_at	GBCA0370_at
GBCA0217_at	GBCA0268-5_at	GBCA0319_at	GBCA0371_at
GBCA0218_at	GBCA0268-M_at	GBCA0320_at	GBCA0372_at
GBCA0219_at	GBCA0269_at	GBCA0321_at	GBCA0373_at
GBCA0220_at	GBCA0270_at	GBCA0322_at	GBCA0374_at
GBCA0221_at	GBCA0271_at	GBCA0323_at	GBCA0375_at
GBCA0222_at	GBCA0272_at	GBCA0324_at	GBCA0376_at
GBCA0223_at	GBCA0273_at	GBCA0325_at	GBCA0377_at
GBCA0224_at	GBCA0274_at	GBCA0326_at	GBCA0378_at
GBCA0225_at	GBCA0275_at	GBCA0327_at	GBCA0379_at
GBCA0226_at	GBCA0276_at	GBCA0328_at	GBCA0380_at
GBCA0227_at	GBCA0277_at	GBCA0329_at	GBCA0381_at
GBCA0228_at	GBCA0278_at	GBCA0330_at	GBCA0382_at
GBCA0229_at	GBCA0279_at	GBCA0331_at	GBCA0383_at
GBCA0230_at	GBCA0280_at	GBCA0332_at	GBCA0384_at
GBCA0231_at	GBCA0281_at	GBCA0333_at	GBCA0385_at
GBCA0232_at	GBCA0282_at	GBCA0334_at	GBCA0386_at
GBCA0233_at	GBCA0283_at	GBCA0335_at	GBCA0387_at
GBCA0235_at	GBCA0284_at	GBCA0336_at	GBCA0388_at
GBCA0236-3_s_at	GBCA0285_at	GBCA0337_at	GBCA0389_at
GBCA0236-3_x_at	GBCA0286_at	GBCA0338_at	GBCA0390_at
GBCA0236-5_at	GBCA0287_at	GBCA0339_at	GBCA0391_at
GBCA0237_at	GBCA0288_at	GBCA0340_at	GBCA0392_at
GBCA0238_at	GBCA0289_at	GBCA0341_at	GBCA0393_at
GBCA0239_at	GBCA0290_at	GBCA0342_at	GBCA0394_at
GBCA0240_at	GBCA0291_at	GBCA0343_at	GBCA0395_at
GBCA0241_at	GBCA0292_at	GBCA0344_at	GBCA0396_s_at
GBCA0243_s_at	GBCA0293_at	GBCA0345_at	GBCA0397_at
GBCA0244_at	GBCA0294_at	GBCA0346_at	GBCA0398_at
GBCA0245_at	GBCA0295_at	GBCA0347_at	GBCA0399_at
GBCA0246_at	GBCA0296_at	GBCA0348_at	GBCA0400_at
GBCA0247_at	GBCA0297_at	GBCA0349_at	GBCA0401_at
GBCA0248_at	GBCA0298_at	GBCA0350_at	GBCA0402_at
GBCA0249_at	GBCA0299_at	GBCA0351_at	GBCA0403_at
GBCA0250_at	GBCA0300_at	GBCA0352_at	GBCA0404_at
GBCA0251_at	GBCA0301_at	GBCA0353_at	GBCA0405_at
GBCA0252_at	GBCA0302_at	GBCA0354_at	GBCA0406_at
GBCA0253_at	GBCA0303_at	GBCA0355_at	GBCA0407_at
GBCA0254_at	GBCA0304_at	GBCA0356_at	GBCA0408_at
GBCA0255_at	GBCA0305_at	GBCA0357_at	GBCA0409_at
GBCA0256_at	GBCA0306_at	GBCA0358_at	GBCA0410_at
GBCA0257_at	GBCA0307_at	GBCA0359_at	GBCA0411_at
GBCA0258_at	GBCA0308_at	GBCA0360_at	GBCA0412_at
GBCA0259_at	GBCA0309_at	GBCA0361_at	GBCA0413_at
GBCA0260_at	GBCA0310_at	GBCA0362_at	GBCA0414_at
GBCA0261_at	GBCA0311_at	GBCA0363_at	GBCA0415_at
GBCA0262_at	GBCA0312_at	GBCA0364_at	GBCA0416_at

GBCA0417_at	GBCA0472_at	GBEQ0015_at	GBEQ0069_at
GBCA0418_at	GBCA0473_at	GBEQ0016_at	GBEQ0070_s_at
GBCA0420_at	GBCA0474_at	GBEQ0017_at	GBEQ0071_at
GBCA0421_at	GBCA0475_at	GBEQ0018_at	GBEQ0072_at
GBCA0423_at	GBCA0476_at	GBEQ0019_at	GBEQ0073_at
GBCA0424_at	GBCA0477_at	GBEQ0020_at	GBEQ0074_at
GBCA0425_at	GBCA0478_at	GBEQ0021_at	GBEQ0075_s_at
GBCA0426_at	GBCA0479_at	GBEQ0022_at	GBEQ0076_at
GBCA0427_at	GBCA0480_at	GBEQ0024_s_at	GBEQ0077_at
GBCA0428_at	GBCA0481_at	GBEQ0025_at	GBEQ0078_at
GBCA0429_at	GBCA0482_at	GBEQ0026_at	GBEQ0079_at
GBCA0430_at	GBCA0483_at	GBEQ0027_at	GBEQ0080_at
GBCA0431_at	GBCA0484_at	GBEQ0029_at	GBEQ0081_at
GBCA0432_at	GBCA0485_at	GBEQ0029_s_at	GBEQ0082_at
GBCA0433_at	GBCA0486_at	GBEQ0030_at	GBEQ0083_at
GBCA0434_at	GBCA0487_at	GBEQ0031_at	GBEQ0084_s_at
GBCA0435_at	GBCA0488_at	GBEQ0032_at	GBEQ0085_at
GBCA0436_at	GBCA0489_at	GBEQ0033_at	GBEQ0087_at
GBCA0437_at	GBCA0490_at	GBEQ0034_at	GBEQ0088_at
GBCA0438_s_at	GBCA0491_at	GBEQ0035_at	GBEQ0089_at
GBCA0439_at	GBCA0492_at	GBEQ0036_at	GBEQ0090_at
GBCA0440_at	GBCA0493_at	GBEQ0037_at	GBEQ0091_at
GBCA0441_at	GBCA0494_at	GBEQ0038_at	GBEQ0092_at
GBCA0442_at	GBCA0495_at	GBEQ0040_at	GBEQ0093_at
GBCA0443_at	GBCA0496_at	GBEQ0041_at	GBEQ0094_at
GBCA0444_at	GBCA0498_at	GBEQ0042_at	GBEQ0095_at
GBCA0445_at	GBCA0499_at	GBEQ0043_at	GBEQ0096_at
GBCA0446_at	GBCA0500_at	GBEQ0044_at	GBEQ0097_at
GBCA0447_at	GBCA0501_at	GBEQ0045_at	GBEQ0098-3_at
GBCA0448_at	GBCA0502_at	GBEQ0046_at	GBEQ0098-3_x_at
GBCA0449_at	GBCA0503_at	GBEQ0047_at	GBEQ0098-5_s_at
GBCA0450_at	GBCA0504_at	GBEQ0048-3_at	GBEQ0099_at
GBCA0451_s_at	GBCA0505_at	GBEQ0048-5_at	GBEQ0100_at
GBCA0453_at	GBCA0506_at	GBEQ0050_s_at	GBEQ0101_at
GBCA0454_at	GBCA0507_at	GBEQ0051_at	GBEQ0102_at
GBCA0455_at	GBCA0508_s_at	GBEQ0052_at	GBEQ0103_at
GBCA0456_at	GBEQ0001-3_s_at	GBEQ0053_s_at	GBEQ0104_at
GBCA0457_at	GBEQ0001-5_s_at	GBEQ0054_at	GBEQ0105_s_at
GBCA0458_at	GBEQ0001-M_s_at	GBEQ0055_at	GBEQ0106_at
GBCA0459_at	GBEQ0002_at	GBEQ0056_s_at	GBEQ0107_at
GBCA0460_at	GBEQ0003_at	GBEQ0057_at	GBEQ0108_at
GBCA0461_at	GBEQ0004_at	GBEQ0058_at	GBEQ0109_at
GBCA0462_at	GBEQ0005_at	GBEQ0059_at	GBEQ0110_at
GBCA0463_at	GBEQ0006_at	GBEQ0060_at	GBEQ0111_at
GBCA0464_at	GBEQ0007_at	GBEQ0061_at	GBEQ0112_at
GBCA0465_at	GBEQ0008_s_at	GBEQ0062_at	GBEQ0113_at
GBCA0466_at	GBEQ0009_at	GBEQ0063_s_at	GBEQ0114_at
GBCA0467_at	GBEQ0010_s_at	GBEQ0064_at	GBEQ0115_at
GBCA0468_at	GBEQ0011_at	GBEQ0065_at	GBEQ0116_at
GBCA0469_at	GBEQ0012_at	GBEQ0066_at	GBEQ0117_at
GBCA0470_at	GBEQ0013_at	GBEQ0067_at	GBEQ0118_at
GBCA0471_at	GBEQ0014_at	GBEQ0068_at	GBEQ0119_at

GBEQ0120_at	GBEQ0178_at	GBEQ0230_at	GBEQ0277_at
GBEQ0121_at	GBEQ0179_at	GBEQ0231_at	GBEQ0278_at
GBEQ0122_at	GBEQ0180_at	GBEQ0232_at	GBEQ0279_at
GBEQ0123_at	GBEQ0181_at	GBEQ0233_at	GBEQ0280_at
GBEQ0124_at	GBEQ0182_at	GBEQ0234_at	GBEQ0281_at
GBEQ0125_at	GBEQ0183_at	GBEQ0235_at	GBEQ0282_at
GBEQ0126_at	GBEQ0184_at	GBEQ0236_at	GBEQ0283_s_at
GBEQ0127_at	GBEQ0185_s_at	GBEQ0237_at	GBEQ0284_s_at
GBEQ0128_at	GBEQ0186_x_at	GBEQ0238_s_at	GBEQ0285_at
GBEQ0129_at	GBEQ0187_at	GBEQ0239_at	GBEQ0286_at
GBEQ0132_at	GBEQ0188_at	GBEQ0240_x_at	GBEQ0287_at
GBEQ0133_at	GBEQ0189_at	GBEQ0241_at	GBEQ0288_at
GBEQ0134_at	GBEQ0190_at	GBEQ0242_at	GBEQ0289_s_at
GBEQ0135_at	GBEQ0191_at	GBEQ0243_at	GBEQ0290_at
GBEQ0136_at	GBEQ0192_s_at	GBEQ0244_at	GBEQ0291_at
GBEQ0137_at	GBEQ0193_at	GBEQ0245_at	GBEQ0292_at
GBEQ0138_at	GBEQ0194_at	GBEQ0246_at	GBEQ0293_at
GBEQ0139_at	GBEQ0195_at	GBEQ0247_at	GBEQ0294_at
GBEQ0140_at	GBEQ0196_at	GBEQ0248_at	GBEQ0295_at
GBEQ0141_at	GBEQ0197_at	GBEQ0249_at	GBEQ0296_at
GBEQ0143_at	GBEQ0198_at	GBEQ0250_s_at	GBEQ0297_at
GBEQ0144_at	GBEQ0199_at	GBEQ0251_at	GBEQ0298_at
GBEQ0145_at	GBEQ0199_x_at	GBEQ0252_at	GBEQ0299_at
GBEQ0146_at	GBEQ0200_at	GBEQ0253_at	GBEQ0300_at
GBEQ0148_at	GBEQ0201_at	GBEQ0254_at	GBEQ0301_at
GBEQ0149_at	GBEQ0202_at	GBEQ0255_at	GBEQ0302_at
GBEQ0150_at	GBEQ0203_at	GBEQ0255_s_at	GBEQ0303_at
GBEQ0151_at	GBEQ0204_at	GBEQ0255_x_at	GBEQ0304_at
GBEQ0152_at	GBEQ0205_at	GBEQ0256_at	GBEQ0305_at
GBEQ0153_at	GBEQ0206_at	GBEQ0257_at	GBEQ0306_s_at
GBEQ0154_at	GBEQ0207_at	GBEQ0258_at	GBEQ0307_at
GBEQ0155_at	GBEQ0208_at	GBEQ0259_at	GBEQ0308_at
GBEQ0156_s_at	GBEQ0209_at	GBEQ0260-5_at	GBEQ0309_at
GBEQ0157_x_at	GBEQ0210_at	GBEQ0261_at	GBEQ0310_at
GBEQ0158_at	GBEQ0211_at	GBEQ0262_at	GBEQ0311_at
GBEQ0159_at	GBEQ0213_at	GBEQ0263_at	GBEQ0312_at
GBEQ0160_at	GBEQ0214_at	GBEQ0264_at	GBEQ0313_at
GBEQ0161_at	GBEQ0215_at	GBEQ0265_at	GBEQ0315_at
GBEQ0162_at	GBEQ0216_at	GBEQ0266_at	GBEQ0316_at
GBEQ0163_at	GBEQ0217_at	GBEQ0267_at	GBEQ0317_at
GBEQ0164_at	GBEQ0218_at	GBEQ0268_at	GBEQ0318_at
GBEQ0165_s_at	GBEQ0219_at	GBEQ0269_at	GBEQ0319_s_at
GBEQ0167_s_at	GBEQ0220_at	GBEQ0269_x_at	GBEQ0320_at
GBEQ0168_at	GBEQ0221_at	GBEQ0270_at	GBEQ0322_at
GBEQ0169_at	GBEQ0222_at	GBEQ0271_at	GBEQ0323_at
GBEQ0170_at	GBEQ0223_at	GBEQ0271_x_at	GBEQ0324_at
GBEQ0171_x_at	GBEQ0224_at	GBEQ0272_at	GBEQ0325_s_at
GBEQ0173_at	GBEQ0225_at	GBEQ0273_at	GBEQ0326_at
GBEQ0174_at	GBEQ0226_x_at	GBEQ0274_at	GBEQ0327_at
GBEQ0175_at	GBEQ0227_s_at	GBEQ0275_at	GBEQ0328_at
GBEQ0176_at	GBEQ0228_at	GBEQ0276_at	GBEQ0329_at
GBEQ0177_at	GBEQ0229_at	GBEQ0276_x_at	GBEQ0330_at

GBEQ0331_at	GBEQ0385_at	GBEQ0440_s_at	GBEQ0494_s_at
GBEQ0332_at	GBEQ0386_at	GBEQ0441_at	GBEQ0495_at
GBEQ0333_at	GBEQ0387_at	GBEQ0442_s_at	GBEQ0497_at
GBEQ0334_at	GBEQ0388_at	GBEQ0443_at	GBEQ0498_at
GBEQ0335_at	GBEQ0389_at	GBEQ0444_at	GBEQ0499_at
GBEQ0337_at	GBEQ0390_s_at	GBEQ0445_x_at	GBEQ0500_at
GBEQ0338_at	GBEQ0391_at	GBEQ0446_s_at	GBEQ0501_at
GBEQ0339_at	GBEQ0392_at	GBEQ0447_at	GBEQ0502_at
GBEQ0340_at	GBEQ0393_at	GBEQ0448_s_at	GBEQ0503_at
GBEQ0341_at	GBEQ0394_at	GBEQ0449_at	GBEQ0504_at
GBEQ0342_at	GBEQ0395_at	GBEQ0450_x_at	GBEQ0505_at
GBEQ0343_s_at	GBEQ0396_at	GBEQ0451_at	GBEQ0506_at
GBEQ0344_at	GBEQ0397_at	GBEQ0452_at	GBEQ0507_s_at
GBEQ0345_at	GBEQ0398_s_at	GBEQ0453_at	GBEQ0508_s_at
GBEQ0346_at	GBEQ0399_at	GBEQ0454_at	GBEQ0509_at
GBEQ0347_at	GBEQ0400_at	GBEQ0455_at	GBEQ0510_at
GBEQ0348_at	GBEQ0401_at	GBEQ0456_at	GBEQ0511_s_at
GBEQ0349_at	GBEQ0403_at	GBEQ0457_at	GBEQ0512_at
GBEQ0350_s_at	GBEQ0405_at	GBEQ0458_at	GBEQ0513_at
GBEQ0352_at	GBEQ0406_at	GBEQ0459_at	GBEQ0514_at
GBEQ0353_at	GBEQ0407_at	GBEQ0460_s_at	GBEQ0515_at
GBEQ0354_at	GBEQ0408_at	GBEQ0461_at	GBEQ0516_at
GBEQ0355_at	GBEQ0409_at	GBEQ0462_at	GBEQ0517_at
GBEQ0356_at	GBEQ0410_at	GBEQ0463_at	GBEQ0519_at
GBEQ0357_at	GBEQ0411_at	GBEQ0464_at	GBEQ0520_at
GBEQ0358_at	GBEQ0412_at	GBEQ0465_at	GBEQ0521_s_at
GBEQ0359_at	GBEQ0413_at	GBEQ0466_at	GBEQ0522_s_at
GBEQ0360_at	GBEQ0414_at	GBEQ0467_at	GBEQ0523_at
GBEQ0361_at	GBEQ0415_at	GBEQ0468_at	GBEQ0524_at
GBEQ0362_at	GBEQ0416_at	GBEQ0469_at	GBEQ0525_at
GBEQ0363_at	GBEQ0417_at	GBEQ0470_at	GBEQ0526_at
GBEQ0364_at	GBEQ0418_at	GBEQ0472_at	GBEQ0527_at
GBEQ0365_at	GBEQ0419_at	GBEQ0473_at	GBEQ0528_at
GBEQ0366_at	GBEQ0420_at	GBEQ0474_s_at	GBEQ0529_at
GBEQ0367_at	GBEQ0421_at	GBEQ0475_at	GBEQ0530_at
GBEQ0368_at	GBEQ0422_at	GBEQ0476_at	GBEQ0531_at
GBEQ0369_at	GBEQ0423_at	GBEQ0477_s_at	GBEQ0532_at
GBEQ0370_s_at	GBEQ0424_at	GBEQ0478_at	GBEQ0533_at
GBEQ0371_at	GBEQ0425_at	GBEQ0479_at	GBEQ0534_at
GBEQ0372_at	GBEQ0426_at	GBEQ0480_at	GBEQ0535_at
GBEQ0373_at	GBEQ0428_at	GBEQ0481_at	GBEQ0536_s_at
GBEQ0374_at	GBEQ0429_at	GBEQ0482_at	GBEQ0537_at
GBEQ0375_at	GBEQ0430_at	GBEQ0483_at	GBEQ0538_at
GBEQ0376_s_at	GBEQ0431_at	GBEQ0484_at	GBEQ0539_at
GBEQ0377_s_at	GBEQ0432_at	GBEQ0485_at	GBEQ0540_at
GBEQ0378_at	GBEQ0433_at	GBEQ0486_s_at	GBEQ0541_at
GBEQ0379_at	GBEQ0434_at	GBEQ0487_at	GBEQ0542_at
GBEQ0380_at	GBEQ0435_at	GBEQ0488_at	GBEQ0543_at
GBEQ0381_at	GBEQ0436_at	GBEQ0489_at	GBEQ0544_s_at
GBEQ0382_at	GBEQ0437_at	GBEQ0490_s_at	GBEQ0545_at
GBEQ0383_at	GBEQ0438_at	GBEQ0492_at	GBEQ0546_at
GBEQ0384_at	GBEQ0439_at	GBEQ0493_s_at	GBEQ0548_at

GBEQ0549_at	GBEQ0602_at	GBEQ0656_at	GBEQ0709_at
GBEQ0550_at	GBEQ0603_at	GBEQ0657_at	GBEQ0710_at
GBEQ0551_at	GBEQ0604_at	GBEQ0658_at	GBEQ0711_at
GBEQ0553_at	GBEQ0605_at	GBEQ0659_at	GBEQ0712_at
GBEQ0554_at	GBEQ0606_at	GBEQ0660_at	GBEQ0713_at
GBEQ0555_at	GBEQ0607_at	GBEQ0661_at	GBEQ0714_at
GBEQ0556_at	GBEQ0608_at	GBEQ0662_at	GBEQ0715_at
GBEQ0557_at	GBEQ0609_at	GBEQ0663_at	GBEQ0716_at
GBEQ0558_at	GBEQ0610_at	GBEQ0664_at	GBEQ0717_at
GBEQ0559_at	GBEQ0611_at	GBEQ0665_at	GBEQ0718_at
GBEQ0560_at	GBEQ0612_at	GBEQ0666_at	GBEQ0719_at
GBEQ0561_at	GBEQ0613_at	GBEQ0667_at	GBEQ0720_at
GBEQ0562_s_at	GBEQ0614_at	GBEQ0668_at	GBEQ0721_at
GBEQ0563_at	GBEQ0615_at	GBEQ0669_at	GBEQ0722_at
GBEQ0564_at	GBEQ0616_at	GBEQ0670_s_at	GBEQ0723_at
GBEQ0565_at	GBEQ0617_at	GBEQ0671_at	GBEQ0724_at
GBEQ0566_at	GBEQ0618_s_at	GBEQ0672_at	GBEQ0725_at
GBEQ0567_at	GBEQ0620_at	GBEQ0673_at	GBEQ0726_at
GBEQ0568_at	GBEQ0621_at	GBEQ0674_at	GBEQ0727_at
GBEQ0569_at	GBEQ0622_at	GBEQ0675_at	GBEQ0728_at
GBEQ0570_at	GBEQ0623_at	GBEQ0676_at	GBEQ0729_at
GBEQ0571_at	GBEQ0624_s_at	GBEQ0677_at	GBEQ0730_at
GBEQ0572_at	GBEQ0625_at	GBEQ0678_at	GBEQ0731_at
GBEQ0573_at	GBEQ0626_at	GBEQ0679_at	GBEQ0732_at
GBEQ0574_s_at	GBEQ0627_s_at	GBEQ0680_at	GBEQ0733_at
GBEQ0575_at	GBEQ0628_at	GBEQ0681_at	GBEQ0734_at
GBEQ0576_at	GBEQ0629_at	GBEQ0682_at	GBEQ0735_at
GBEQ0577_at	GBEQ0630_s_at	GBEQ0683_at	GBEQ0736_at
GBEQ0578_at	GBEQ0632_x_at	GBEQ0684_at	GBEQ0737_at
GBEQ0579_at	GBEQ0633_at	GBEQ0685_at	GBEQ0738_at
GBEQ0580_at	GBEQ0634_s_at	GBEQ0686_at	GBEQ0739_at
GBEQ0581_at	GBEQ0635_at	GBEQ0687_at	GBEQ0740_at
GBEQ0582_at	GBEQ0636_at	GBEQ0688_at	GBEQ0741_at
GBEQ0583_at	GBEQ0637_at	GBEQ0689_at	GBEQ0742_at
GBEQ0584_at	GBEQ0638_at	GBEQ0690_at	GBEQ0743_at
GBEQ0585_at	GBEQ0639_at	GBEQ0691_at	GBEQ0744_at
GBEQ0586_at	GBEQ0640_at	GBEQ0692_at	GBEQ0745_at
GBEQ0587_at	GBEQ0641_at	GBEQ0693_at	GBEQ0746_at
GBEQ0588_at	GBEQ0642_at	GBEQ0694_s_at	GBEQ0747_at
GBEQ0589_at	GBEQ0643_at	GBEQ0695_s_at	GBEQ0748_x_at
GBEQ0590_at	GBEQ0644_at	GBEQ0696_at	GBEQ0749_at
GBEQ0591_at	GBEQ0645_at	GBEQ0697_at	GBEQ0750_at
GBEQ0592_at	GBEQ0646_at	GBEQ0698_at	GBEQ0752_at
GBEQ0593_at	GBEQ0647_at	GBEQ0699_s_at	GBEQ0753_at
GBEQ0594_at	GBEQ0648_at	GBEQ0700_at	GBEQ0754_at
GBEQ0595_at	GBEQ0649_at	GBEQ0701_at	GBEQ0755_at
GBEQ0596_at	GBEQ0650_s_at	GBEQ0702_at	GBEQ0756_at
GBEQ0597_at	GBEQ0651_s_at	GBEQ0703_at	GBEQ0757_at
GBEQ0598_at	GBEQ0652_at	GBEQ0704_at	GBEQ0758_at
GBEQ0599_at	GBEQ0653_at	GBEQ0706_at	GBEQ0759_at
GBEQ0600_at	GBEQ0654_at	GBEQ0707_at	GBEQ0761_at
GBEQ0601_at	GBEQ0655_at	GBEQ0708_s_at	GBEQ0762_at

GBEQ0763_at	GBEQ0816_s_at	GBEQ0870_at	GBEQ0936_at
GBEQ0764_at	GBEQ0817_at	GBEQ0871_at	GBEQ0937_at
GBEQ0765_at	GBEQ0818_at	GBEQ0872_at	GBEQ0938_at
GBEQ0766_at	GBEQ0819_at	GBEQ0873_at	GBEQ0940_at
GBEQ0767_at	GBEQ0820_at	GBEQ0874_s_at	GBEQ0941_at
GBEQ0768_at	GBEQ0821_at	GBEQ0875_s_at	GBEQ0942_at
GBEQ0769_at	GBEQ0822_at	GBEQ0877_s_at	GBEQ0944_at
GBEQ0770_at	GBEQ0823_at	GBEQ0878_at	GBEQ0945_at
GBEQ0771_s_at	GBEQ0824_at	GBEQ0879_at	GBEQ0946_x_at
GBEQ0772_x_at	GBEQ0825_at	GBEQ0883_at	GBEQ0947_s_at
GBEQ0773_at	GBEQ0826_at	GBEQ0884_s_at	GBEQ0948_at
GBEQ0774_at	GBEQ0827_at	GBEQ0886_s_at	GBEQ0949_s_at
GBEQ0775_at	GBEQ0828_at	GBEQ0887_s_at	GBEQ0950_at
GBEQ0776_at	GBEQ0829_at	GBEQ0888_s_at	GBEQ0951_at
GBEQ0777_at	GBEQ0830_at	GBEQ0889_at	GBEQ0952_at
GBEQ0778_at	GBEQ0831_at	GBEQ0891_at	GBEQ0953_at
GBEQ0779_at	GBEQ0832_at	GBEQ0892_at	GBEQ0955_at
GBEQ0780_at	GBEQ0833_at	GBEQ0893_at	GBEQ0956_at
GBEQ0781_at	GBEQ0834_at	GBEQ0894_at	GBEQ0957_at
GBEQ0782_at	GBEQ0835_at	GBEQ0895_s_at	GBEQ0958_s_at
GBEQ0783_at	GBEQ0836_at	GBEQ0896_at	GBEQ0960_at
GBEQ0784_at	GBEQ0838_s_at	GBEQ0897_at	GBEQ0961_at
GBEQ0785_at	GBEQ0839_s_at	GBEQ0898_at	GBEQ0962_x_at
GBEQ0786_at	GBEQ0840_at	GBEQ0899_at	GBEQ0964_s_at
GBEQ0787_at	GBEQ0841_at	GBEQ0900_at	GBEQ0965_at
GBEQ0788_at	GBEQ0842_at	GBEQ0901_at	GBEQ0966_at
GBEQ0789_at	GBEQ0843_at	GBEQ0903_at	GBEQ0967_at
GBEQ0790_at	GBEQ0844_at	GBEQ0904_s_at	GBEQ0968_at
GBEQ0792_at	GBEQ0845_at	GBEQ0906_at	GBEQ0969_at
GBEQ0793_at	GBEQ0846_at	GBEQ0907_at	GBEQ0971_s_at
GBEQ0794_at	GBEQ0847_at	GBEQ0908_at	GBEQ0972_at
GBEQ0795_at	GBEQ0848_s_at	GBEQ0909_at	GBEQ0973_at
GBEQ0796_at	GBEQ0849_at	GBEQ0910_at	GBEQ0974_at
GBEQ0797_at	GBEQ0851_at	GBEQ0914_at	GBEQ0975_at
GBEQ0798_at	GBEQ0852_at	GBEQ0915_s_at	GBEQ0976_at
GBEQ0799_at	GBEQ0853_at	GBEQ0916_at	GBEQ0977_at
GBEQ0800_at	GBEQ0854_at	GBEQ0917_at	GBEQ0978_at
GBEQ0801_at	GBEQ0855_at	GBEQ0918_at	GBEQ0979_at
GBEQ0802_at	GBEQ0856_at	GBEQ0919_at	GBEQ0980_at
GBEQ0803_at	GBEQ0857_at	GBEQ0920_at	GBEQ0981_at
GBEQ0804_at	GBEQ0858_at	GBEQ0922_at	GBEQ0982_at
GBEQ0805_at	GBEQ0859_at	GBEQ0923_x_at	GBEQ0983_s_at
GBEQ0806_at	GBEQ0860_s_at	GBEQ0924_at	GBEQ0984_at
GBEQ0807_at	GBEQ0861_at	GBEQ0925_at	GBEQ0985_at
GBEQ0808_at	GBEQ0862_s_at	GBEQ0928_at	GBEQ0986_at
GBEQ0809_at	GBEQ0863_at	GBEQ0929_at	GBEQ0987_at
GBEQ0810_at	GBEQ0864_at	GBEQ0930_at	GBEQ0988_at
GBEQ0811_at	GBEQ0865_s_at	GBEQ0931_at	GBEQ0989_at
GBEQ0812_at	GBEQ0866_at	GBEQ0932_at	GBEQ0990_at
GBEQ0813_at	GBEQ0867_s_at	GBEQ0933_s_at	GBEQ0991_s_at
GBEQ0814_at	GBEQ0868_at	GBEQ0934_at	GBEQ0992_at
GBEQ0815_at	GBEQ0869_at	GBEQ0935_at	GBEQ0994_at



GBEQ0995_at	GBEQ1049_at	GBEQ1106_at	GBEQ1159_at
GBEQ0996_at	GBEQ1050_at	GBEQ1107_at	GBEQ1160_at
GBEQ0997_at	GBEQ1051_at	GBEQ1108_at	GBEQ1161_at
GBEQ0998_at	GBEQ1052_at	GBEQ1109_at	GBEQ1162_at
GBEQ0999_at	GBEQ1053_at	GBEQ1110_at	GBEQ1163_at
GBEQ1001_at	GBEQ1054_at	GBEQ1111_at	GBEQ1164_at
GBEQ1002_at	GBEQ1055_at	GBEQ1112_at	GBEQ1165_at
GBEQ1003_at	GBEQ1056_at	GBEQ1113_at	GBEQ1166_at
GBEQ1004_at	GBEQ1057_at	GBEQ1114_at	GBEQ1167_at
GBEQ1005_at	GBEQ1058_at	GBEQ1115_at	GBEQ1168_s_at
GBEQ1006_at	GBEQ1059_at	GBEQ1116_at	GBEQ1169_at
GBEQ1007_at	GBEQ1060_at	GBEQ1117_s_at	GBEQ1170_s_at
GBEQ1008_at	GBEQ1061_at	GBEQ1118_at	GBEQ1171_at
GBEQ1009_at	GBEQ1062_at	GBEQ1119_at	GBEQ1172_at
GBEQ1010_at	GBEQ1063_at	GBEQ1120_at	GBEQ1173_at
GBEQ1011_at	GBEQ1064_at	GBEQ1120_x_at	GBEQ1174_at
GBEQ1013_at	GBEQ1065_at	GBEQ1121_at	GBEQ1175_at
GBEQ1014_at	GBEQ1066_at	GBEQ1122_at	GBEQ1176_at
GBEQ1015_s_at	GBEQ1067_at	GBEQ1123_at	GBEQ1177_at
GBEQ1016_s_at	GBEQ1068_at	GBEQ1124_at	GBEQ1178_at
GBEQ1017_at	GBEQ1070_at	GBEQ1125_at	GBEQ1179_at
GBEQ1018_at	GBEQ1071_at	GBEQ1126_at	GBEQ1180_at
GBEQ1019_at	GBEQ1072_s_at	GBEQ1127_at	GBEQ1181_at
GBEQ1020_at	GBEQ1073_at	GBEQ1128_at	GBEQ1182_at
GBEQ1021_s_at	GBEQ1074_at	GBEQ1129_at	GBEQ1183_at
GBEQ1022_at	GBEQ1075_at	GBEQ1130_at	GBEQ1184_at
GBEQ1023_at	GBEQ1076_at	GBEQ1131_at	GBEQ1185_at
GBEQ1024_at	GBEQ1077_at	GBEQ1132_at	GBEQ1186_at
GBEQ1025_at	GBEQ1078_at	GBEQ1133_at	GBEQ1187_at
GBEQ1026_at	GBEQ1079_at	GBEQ1134_at	GBEQ1188_at
GBEQ1027_at	GBEQ1080_at	GBEQ1136_s_at	GBEQ1189_s_at
GBEQ1028_at	GBEQ1081_at	GBEQ1138_at	GBEQ1190_at
GBEQ1029_at	GBEQ1082_at	GBEQ1139_at	GBEQ1191_at
GBEQ1030_at	GBEQ1083_at	GBEQ1140_at	GBEQ1192_at
GBEQ1031_at	GBEQ1084_at	GBEQ1141_at	GBEQ1193_at
GBEQ1032_at	GBEQ1085_at	GBEQ1142_s_at	GBEQ1194_at
GBEQ1033_at	GBEQ1086_at	GBEQ1143_at	GBEQ1195_at
GBEQ1034_at	GBEQ1089_s_at	GBEQ1144_at	GBEQ1196_at
GBEQ1035_at	GBEQ1090_at	GBEQ1145_at	GBEQ1197_at
GBEQ1036_at	GBEQ1091_at	GBEQ1146_at	GBEQ1198_at
GBEQ1037_at	GBEQ1092_at	GBEQ1147_at	GBEQ1199_at
GBEQ1038_at	GBEQ1093_at	GBEQ1148_at	GBEQ1200_at
GBEQ1039_at	GBEQ1094_at	GBEQ1149_at	GBEQ1201_at
GBEQ1040_at	GBEQ1095_at	GBEQ1150_at	GBEQ1202_at
GBEQ1041_s_at	GBEQ1096_at	GBEQ1151_at	GBEQ1203_at
GBEQ1042_at	GBEQ1097_at	GBEQ1152_at	GBEQ1204_at
GBEQ1043_s_at	GBEQ1100_at	GBEQ1153_at	GBEQ1205_at
GBEQ1044_at	GBEQ1101_at	GBEQ1154_at	GBEQ1206_at
GBEQ1045_at	GBEQ1102_at	GBEQ1155_at	GBEQ1207_at
GBEQ1046_at	GBEQ1103_at	GBEQ1156_at	GBEQ1208_at
GBEQ1047_at	GBEQ1104_at	GBEQ1157_at	GBEQ1209_at
GBEQ1048_at	GBEQ1105_at	GBEQ1158_at	GBEQ1210_at



GBEQ1211_at	GBEQ1263_s_at	GBEQ1319_at	GBEQ1379_at
GBEQ1212_at	GBEQ1264_at	GBEQ1320_at	GBEQ1380_at
GBEQ1213_at	GBEQ1265_at	GBEQ1321_at	GBEQ1381_at
GBEQ1213_x_at	GBEQ1266_s_at	GBEQ1322_s_at	GBEQ1382_at
GBEQ1214_at	GBEQ1268_at	GBEQ1323_at	GBEQ1383_at
GBEQ1215_at	GBEQ1269_at	GBEQ1324_at	GBEQ1384_at
GBEQ1216_at	GBEQ1270_at	GBEQ1325_at	GBEQ1385_at
GBEQ1217_s_at	GBEQ1271_at	GBEQ1326_at	GBEQ1386_at
GBEQ1218_at	GBEQ1272_at	GBEQ1327_at	GBEQ1387_at
GBEQ1219_at	GBEQ1273_at	GBEQ1329_s_at	GBEQ1389_at
GBEQ1220_at	GBEQ1275_at	GBEQ1330_at	GBEQ1390_at
GBEQ1221_at	GBEQ1276_at	GBEQ1331_at	GBEQ1391_at
GBEQ1222_at	GBEQ1277_at	GBEQ1332_at	GBEQ1392_s_at
GBEQ1223_at	GBEQ1278_at	GBEQ1332_x_at	GBEQ1393_at
GBEQ1224_at	GBEQ1279_at	GBEQ1333_at	GBEQ1394_at
GBEQ1225_at	GBEQ1280_at	GBEQ1334_at	GBEQ1395_at
GBEQ1226_at	GBEQ1281_at	GBEQ1335_at	GBEQ1396_at
GBEQ1227_at	GBEQ1282_at	GBEQ1336_at	GBEQ1397_at
GBEQ1228_at	GBEQ1283_at	GBEQ1338_at	GBEQ1398_at
GBEQ1229_at	GBEQ1284_at	GBEQ1340_at	GBEQ1399_x_at
GBEQ1230_at	GBEQ1285_at	GBEQ1341_at	GBEQ1400_at
GBEQ1231_at	GBEQ1286_at	GBEQ1342_s_at	GBEQ1401_at
GBEQ1232_at	GBEQ1287_at	GBEQ1343_at	GBEQ1402_at
GBEQ1233_at	GBEQ1288_at	GBEQ1344_at	GBEQ1403_at
GBEQ1234_at	GBEQ1289_at	GBEQ1345_at	GBEQ1404_at
GBEQ1236_at	GBEQ1290_at	GBEQ1346_at	GBEQ1405_at
GBEQ1237_at	GBEQ1292_at	GBEQ1347_at	GBEQ1406_at
GBEQ1238_at	GBEQ1293_at	GBEQ1348_at	GBEQ1407_at
GBEQ1239_at	GBEQ1294_at	GBEQ1349_at	GBEQ1408_at
GBEQ1240_at	GBEQ1295_at	GBEQ1350_at	GBEQ1409_at
GBEQ1241_at	GBEQ1296_at	GBEQ1353_at	GBEQ1410_s_at
GBEQ1242_at	GBEQ1297_at	GBEQ1354_at	GBEQ1411_at
GBEQ1243_at	GBEQ1298_at	GBEQ1356_at	GBEQ1412_x_at
GBEQ1244_at	GBEQ1299_at	GBEQ1357_at	GBEQ1413_at
GBEQ1245_at	GBEQ1300_at	GBEQ1358_at	GBEQ1415_at
GBEQ1246_at	GBEQ1301_at	GBEQ1359_at	GBEQ1416_at
GBEQ1247_at	GBEQ1302_at	GBEQ1360_at	GBEQ1417_at
GBEQ1247_x_at	GBEQ1303_s_at	GBEQ1361_at	GBEQ1418_at
GBEQ1248_at	GBEQ1305_at	GBEQ1362_at	GBEQ1419_at
GBEQ1249_s_at	GBEQ1306_at	GBEQ1363_at	GBEQ1420_at
GBEQ1250_at	GBEQ1307_at	GBEQ1364_at	GBEQ1421_s_at
GBEQ1251_at	GBEQ1308_at	GBEQ1366_at	GBEQ1422_at
GBEQ1252_at	GBEQ1309_at	GBEQ1367_at	GBEQ1423_at
GBEQ1253_at	GBEQ1310_at	GBEQ1368_at	GBEQ1424_at
GBEQ1254_at	GBEQ1311_at	GBEQ1370_at	GBEQ1425_at
GBEQ1255_at	GBEQ1312_at	GBEQ1371_at	GBEQ1426_at
GBEQ1256_at	GBEQ1313_at	GBEQ1373_at	GBEQ1427_at
GBEQ1257_at	GBEQ1314_at	GBEQ1374_at	GBEQ1428_at
GBEQ1259_at	GBEQ1315_at	GBEQ1375_at	GBEQ1429_at
GBEQ1260_at	GBEQ1316_s_at	GBEQ1376_at	GBEQ1430_at
GBEQ1261_at	GBEQ1317_at	GBEQ1377_at	GBEQ1431_at
GBEQ1262_at	GBEQ1318_at	GBEQ1378_s_at	GBEQ1432_at

GBEQ1433_at	GBEQ1488_at	GBEQ1540_at	GBEQ1592_at
GBEQ1434_at	GBEQ1489_at	GBEQ1541_at	GBEQ1593_at
GBEQ1435_at	GBEQ1490_at	GBEQ1542_at	GBEQ1594_at
GBEQ1436_at	GBEQ1491_at	GBEQ1543_at	GBEQ1595_at
GBEQ1437_at	GBEQ1492_at	GBEQ1544_at	GBEQ1596_at
GBEQ1438_at	GBEQ1493_at	GBEQ1545_at	GBEQ1597_at
GBEQ1440_at	GBEQ1494_at	GBEQ1546_at	GBEQ1598_at
GBEQ1441_at	GBEQ1495_at	GBEQ1547_at	GBEQ1599_at
GBEQ1442_at	GBEQ1496_at	GBEQ1548_at	GBEQ1600_at
GBEQ1443_at	GBEQ1497_at	GBEQ1549_at	GBEQ1601_at
GBEQ1444_at	GBEQ1498_at	GBEQ1550_at	GBEQ1602_at
GBEQ1445_at	GBEQ1499_at	GBEQ1551_at	GBEQ1603_at
GBEQ1446_at	GBEQ1500_at	GBEQ1552_at	GBEQ1604_at
GBEQ1447_at	GBEQ1501_at	GBEQ1553_at	GBEQ1605_at
GBEQ1448_at	GBEQ1502_at	GBEQ1554_at	GBEQ1606_at
GBEQ1450_at	GBEQ1503_at	GBEQ1555_at	GBEQ1607_at
GBEQ1451_at	GBEQ1504_at	GBEQ1556_at	GBEQ1608_at
GBEQ1452_at	GBEQ1505_at	GBEQ1557_at	GBEQ1609_at
GBEQ1453_at	GBEQ1506_at	GBEQ1558_at	GBEQ1610_at
GBEQ1454_at	GBEQ1507_s_at	GBEQ1559_at	GBEQ1611_at
GBEQ1455_at	GBEQ1508_at	GBEQ1560_at	GBEQ1612_at
GBEQ1457_at	GBEQ1509_at	GBEQ1561_at	GBEQ1613_at
GBEQ1458_at	GBEQ1510_at	GBEQ1562_at	GBEQ1614_at
GBEQ1459_at	GBEQ1511_at	GBEQ1563_at	GBEQ1615_at
GBEQ1460_at	GBEQ1512_at	GBEQ1564_at	GBEQ1616_at
GBEQ1461_at	GBEQ1513_at	GBEQ1565_s_at	GBEQ1617_s_at
GBEQ1462_at	GBEQ1514_at	GBEQ1566_at	GBEQ1618_at
GBEQ1463_at	GBEQ1515_at	GBEQ1567_at	GBEQ1619_at
GBEQ1464_at	GBEQ1516_at	GBEQ1568_at	GBEQ1620_at
GBEQ1465_at	GBEQ1517_at	GBEQ1569_at	GBEQ1621_at
GBEQ1466_at	GBEQ1518_at	GBEQ1570_at	GBEQ1622_at
GBEQ1467_at	GBEQ1519_at	GBEQ1571_at	GBEQ1623_at
GBEQ1468_s_at	GBEQ1520_at	GBEQ1572_at	GBEQ1624_at
GBEQ1469_at	GBEQ1521_at	GBEQ1573_at	GBEQ1625_at
GBEQ1470_at	GBEQ1522_at	GBEQ1574_at	GBEQ1626_at
GBEQ1471_at	GBEQ1523_at	GBEQ1575_at	GBEQ1627_at
GBEQ1472_at	GBEQ1524_s_at	GBEQ1576_at	GBEQ1628_at
GBEQ1473_at	GBEQ1525_at	GBEQ1577_at	GBEQ1629_at
GBEQ1474_at	GBEQ1526_at	GBEQ1578_at	GBEQ1630_at
GBEQ1475_at	GBEQ1527_at	GBEQ1579_s_at	GBEQ1631_at
GBEQ1476_at	GBEQ1528_at	GBEQ1580_at	GBEQ1632_at
GBEQ1477_at	GBEQ1529_at	GBEQ1581_at	GBEQ1633_at
GBEQ1478_at	GBEQ1530_at	GBEQ1582_at	GBEQ1634_at
GBEQ1479_at	GBEQ1531_at	GBEQ1583_at	GBEQ1635_at
GBEQ1480_at	GBEQ1532_at	GBEQ1584_at	GBEQ1636_at
GBEQ1481_at	GBEQ1533_at	GBEQ1585_at	GBEQ1637_at
GBEQ1482_at	GBEQ1534_at	GBEQ1586_at	GBEQ1638_at
GBEQ1483_at	GBEQ1535_at	GBEQ1587_at	GBEQ1639_at
GBEQ1484_at	GBEQ1536_at	GBEQ1588_at	GBEQ1640_at
GBEQ1485_at	GBEQ1537_at	GBEQ1589_at	GBEQ1641_at
GBEQ1486_at	GBEQ1538_at	GBEQ1590_at	GBEQ1642_at
GBEQ1487_at	GBEQ1539_at	GBEQ1591_at	GBEQ1643_at

GBEQ1644_at	GBEQ1697_at	GBEQ1750_at	GBEQ1804_at
GBEQ1645_at	GBEQ1698_at	GBEQ1751_at	GBEQ1805_at
GBEQ1646_at	GBEQ1699_at	GBEQ1752_at	GBEQ1806_at
GBEQ1647_at	GBEQ1700_at	GBEQ1753_at	GBEQ1807_at
GBEQ1648_at	GBEQ1701_at	GBEQ1754_at	GBEQ1808_at
GBEQ1649_at	GBEQ1702_at	GBEQ1755_at	GBEQ1809_at
GBEQ1650_at	GBEQ1703_at	GBEQ1756_at	GBEQ1810_at
GBEQ1651_at	GBEQ1704_at	GBEQ1757_at	GBEQ1812_at
GBEQ1652_at	GBEQ1705_at	GBEQ1758_at	GBEQ1813_at
GBEQ1653_at	GBEQ1706_at	GBEQ1759_at	GBEQ1814_at
GBEQ1654_at	GBEQ1707_at	GBEQ1760_at	GBEQ1815_at
GBEQ1655_at	GBEQ1708_at	GBEQ1761_at	GBEQ1816_at
GBEQ1656_at	GBEQ1709_at	GBEQ1762_at	GBEQ1817_at
GBEQ1657_at	GBEQ1710_at	GBEQ1763_at	GBEQ1818_at
GBEQ1658_at	GBEQ1711_at	GBEQ1764_at	GBEQ1819_at
GBEQ1659_at	GBEQ1712_at	GBEQ1765_at	GBEQ1820_at
GBEQ1660_at	GBEQ1713_at	GBEQ1766_at	GBEQ1821_at
GBEQ1661_at	GBEQ1714_at	GBEQ1769_at	GBEQ1822_at
GBEQ1662_at	GBEQ1715_at	GBEQ1770_at	GBEQ1823_at
GBEQ1663_at	GBEQ1716_at	GBEQ1771_at	GBEQ1824_at
GBEQ1664_at	GBEQ1717_at	GBEQ1772_at	GBEQ1825_at
GBEQ1665_at	GBEQ1718_at	GBEQ1773_at	GBEQ1826_at
GBEQ1666_at	GBEQ1719_at	GBEQ1774_at	GBEQ1827_at
GBEQ1667_at	GBEQ1720_at	GBEQ1775_at	GBEQ1828_at
GBEQ1668_at	GBEQ1721_at	GBEQ1776_at	GBEQ1829_at
GBEQ1669_at	GBEQ1722_at	GBEQ1777_at	GBEQ1830_at
GBEQ1671_at	GBEQ1723_at	GBEQ1778_at	GBEQ1831_s_at
GBEQ1672_at	GBEQ1724_at	GBEQ1779_s_at	GBEQ1832_at
GBEQ1673_at	GBEQ1725_at	GBEQ1780_at	GBEQ1833_at
GBEQ1674_at	GBEQ1726_at	GBEQ1781_at	GBEQ1834_at
GBEQ1675_at	GBEQ1727_at	GBEQ1782_at	GBEQ1836_at
GBEQ1676_at	GBEQ1728_at	GBEQ1783_at	GBEQ1837_at
GBEQ1677_at	GBEQ1729_at	GBEQ1784_at	GBEQ1838_at
GBEQ1678_at	GBEQ1730_at	GBEQ1785_at	GBEQ1839_at
GBEQ1679_at	GBEQ1731_at	GBEQ1786_s_at	GBEQ1840_at
GBEQ1680_at	GBEQ1732_at	GBEQ1787_at	GBEQ1841_s_at
GBEQ1681_at	GBEQ1733_at	GBEQ1788_at	GBEQ1842_at
GBEQ1682_at	GBEQ1734_at	GBEQ1789_at	GBEQ1843_at
GBEQ1683_s_at	GBEQ1735_at	GBEQ1790_at	GBEQ1844_at
GBEQ1684_at	GBEQ1736_at	GBEQ1791_at	GBEQ1845_at
GBEQ1685_at	GBEQ1737_at	GBEQ1792_s_at	GBEQ1846_at
GBEQ1686_at	GBEQ1738_at	GBEQ1793_at	GBEQ1847_at
GBEQ1687_at	GBEQ1739_at	GBEQ1794_at	GBEQ1848_at
GBEQ1688_at	GBEQ1740_s_at	GBEQ1795_at	GBEQ1849_at
GBEQ1689_at	GBEQ1741_at	GBEQ1796_at	GBEQ1850_at
GBEQ1690_at	GBEQ1742_at	GBEQ1797_s_at	GBEQ1851_at
GBEQ1691_at	GBEQ1743_at	GBEQ1798_at	GBEQ1852_at
GBEQ1692_s_at	GBEQ1745_at	GBEQ1799_at	GBEQ1853_at
GBEQ1693_at	GBEQ1746_at	GBEQ1800_at	GBEQ1854_at
GBEQ1694_at	GBEQ1747_at	GBEQ1801_at	GBEQ1855_at
GBEQ1695_at	GBEQ1748_at	GBEQ1802_at	GBEQ1856_at
GBEQ1696_at	GBEQ1749_at	GBEQ1803_s_at	GBEQ1857_at

GBEQ1858_at	GBEQ1912_s_at	GBEQ1965_at	GBEQ2018_at
GBEQ1859_s_at	GBEQ1913_at	GBEQ1966_at	GBEQ2019_at
GBEQ1860_at	GBEQ1914_at	GBEQ1967_at	GBEQ2020_at
GBEQ1861_at	GBEQ1915_at	GBEQ1968_at	GBEQ2021_at
GBEQ1862_at	GBEQ1916_at	GBEQ1969_at	GBEQ2022_at
GBEQ1863_at	GBEQ1917_at	GBEQ1970_at	GBEQ2023_at
GBEQ1864_s_at	GBEQ1918_at	GBEQ1971_at	GBEQ2024_at
GBEQ1865_at	GBEQ1919_at	GBEQ1972_at	GBEQ2025_at
GBEQ1866_at	GBEQ1920_at	GBEQ1973_at	GBEQ2026_at
GBEQ1867_at	GBEQ1921_at	GBEQ1974_at	GBEQ2027_at
GBEQ1868_at	GBEQ1922_at	GBEQ1975_at	GBEQ2028_at
GBEQ1869_at	GBEQ1923_at	GBEQ1976_at	GBEQ2029_at
GBEQ1870_at	GBEQ1924_at	GBEQ1977_at	GBEQ2030_at
GBEQ1871_at	GBEQ1925_at	GBEQ1978_at	GBEQ2031_at
GBEQ1872_at	GBEQ1926_at	GBEQ1979_at	GBEQ2032_at
GBEQ1874_at	GBEQ1927_at	GBEQ1980_at	GBEQ2033_at
GBEQ1875_at	GBEQ1928_at	GBEQ1981_at	GBEQ2034_at
GBEQ1876_at	GBEQ1929_at	GBEQ1982_at	GBEQ2035_at
GBEQ1877_s_at	GBEQ1930_at	GBEQ1983_s_at	GBEQ2036_at
GBEQ1878_at	GBEQ1931_at	GBEQ1984_at	GBEQ2037_at
GBEQ1879_at	GBEQ1932_at	GBEQ1985_at	GBEQ2038_at
GBEQ1880_at	GBEQ1933_at	GBEQ1986_at	GBEQ2039_at
GBEQ1881_at	GBEQ1934_at	GBEQ1987_at	GBEQ2040_at
GBEQ1882_at	GBEQ1935_x_at	GBEQ1988_at	GBEQ2041_at
GBEQ1883_at	GBEQ1936_at	GBEQ1989_at	GBEQ2042_s_at
GBEQ1884_at	GBEQ1937_at	GBEQ1990_at	GBEQ2043_at
GBEQ1885_at	GBEQ1938_at	GBEQ1991_at	GBEQ2044_at
GBEQ1886_at	GBEQ1939_at	GBEQ1992_at	GBEQ2045_at
GBEQ1887_at	GBEQ1940_at	GBEQ1993_at	GBEQ2046_at
GBEQ1888_at	GBEQ1941_s_at	GBEQ1994_at	GBEQ2047_at
GBEQ1889_at	GBEQ1942_at	GBEQ1995_at	GBEQ2048_at
GBEQ1890_at	GBEQ1943_at	GBEQ1996_at	GBEQ2049_at
GBEQ1892_at	GBEQ1944_at	GBEQ1997_s_at	GBEQ2050_at
GBEQ1893_at	GBEQ1945_at	GBEQ1998_at	GBEQ2051_at
GBEQ1894_at	GBEQ1946_at	GBEQ1999_s_at	GBEQ2052_at
GBEQ1895_at	GBEQ1947_at	GBEQ2000_at	GBEQ2053_at
GBEQ1896_at	GBEQ1948_at	GBEQ2001_at	GBEQ2055_at
GBEQ1897_at	GBEQ1949_at	GBEQ2002_at	GBEQ2056_at
GBEQ1898_at	GBEQ1950_at	GBEQ2003_at	GBEQ2057_at
GBEQ1899_at	GBEQ1951_at	GBEQ2004_at	GBEQ2058_at
GBEQ1900_at	GBEQ1952_at	GBEQ2006_at	GBEQ2059_at
GBEQ1901_at	GBEQ1953_at	GBEQ2007_at	GBEQ2060_at
GBEQ1902_at	GBEQ1954_at	GBEQ2008_at	GBEQ2062_at
GBEQ1903_at	GBEQ1955_at	GBEQ2009_at	GBEQ2063_at
GBEQ1904_at	GBEQ1956_at	GBEQ2010_at	GBEQ2064_at
GBEQ1905_at	GBEQ1957_at	GBEQ2011_at	GBEQ2065_at
GBEQ1906_at	GBEQ1958_at	GBEQ2012_at	GBEQ2066_at
GBEQ1907_x_at	GBEQ1960_at	GBEQ2013_at	GBEQ2067_at
GBEQ1908_at	GBEQ1961_at	GBEQ2014_at	GBEQ2068_at
GBEQ1909_at	GBEQ1962_at	GBEQ2015_at	GBEQ2069_at
GBEQ1910_at	GBEQ1963_at	GBEQ2016_at	GBEQ2070_at
GBEQ1911_at	GBEQ1964_at	GBEQ2017_at	GBEQ2071_at

GBEQ2072_at	GBEQ2128_at	GBEQ2181_at	GBEQ2234_at
GBEQ2073_at	GBEQ2129_at	GBEQ2182_at	GBEQ2235_at
GBEQ2074_at	GBEQ2130_at	GBEQ2184_at	GBEQ2236_at
GBEQ2075_s_at	GBEQ2131_at	GBEQ2185_at	GBEQ2237_at
GBEQ2076_at	GBEQ2132_at	GBEQ2186_at	GBEQ2238_at
GBEQ2077_at	GBEQ2133_at	GBEQ2187_s_at	GBEQ2239_at
GBEQ2078_at	GBEQ2134_at	GBEQ2188_s_at	GBEQ2240_at
GBEQ2079_at	GBEQ2135_at	GBEQ2189_at	GBEQ2241_at
GBEQ2080_at	GBEQ2136_at	GBEQ2190_at	GBEQ2242_at
GBEQ2081_at	GBEQ2137_at	GBEQ2191_at	GBEQ2243_at
GBEQ2082_at	GBEQ2138_at	GBEQ2192_at	GBEQ2243_x_at
GBEQ2083_at	GBEQ2139_at	GBEQ2193_at	GBEQ2244_at
GBEQ2084_at	GBEQ2140_at	GBEQ2194_at	GBEQ2245_at
GBEQ2085_at	GBEQ2141_at	GBEQ2195_at	GBEQ2246_at
GBEQ2086_at	GBEQ2142_at	GBEQ2196_at	GBEQ2247_at
GBEQ2087_s_at	GBEQ2143_at	GBEQ2197_at	GBEQ2248_at
GBEQ2088_s_at	GBEQ2144_at	GBEQ2198_at	GBEQ2249_at
GBEQ2089_at	GBEQ2145_at	GBEQ2199_at	GBEQ2250_at
GBEQ2090_at	GBEQ2146_at	GBEQ2200_at	GBEQ2251_at
GBEQ2091_at	GBEQ2147_at	GBEQ2201_at	GBEQ2252_at
GBEQ2092_s_at	GBEQ2148_at	GBEQ2202_at	GBEQ2253_at
GBEQ2093_at	GBEQ2149_at	GBEQ2203_at	GBEQ2254_at
GBEQ2094_at	GBEQ2150_at	GBEQ2204_at	GBEQ2255_at
GBEQ2095_at	GBEQ2152_at	GBEQ2205_at	GBEQ2256_at
GBEQ2098_s_at	GBEQ2153_at	GBEQ2206_at	GBEQ2257_s_at
GBEQ2099_at	GBEQ2154_at	GBEQ2207_at	GBEQ2258_at
GBEQ2100_at	GBEQ2155_at	GBEQ2208_at	GBEQ2259_at
GBEQ2101_at	GBEQ2156_at	GBEQ2209_at	GBEQ2260_s_at
GBEQ2102_s_at	GBEQ2157_at	GBEQ2210_at	GBEQ2261_at
GBEQ2103_at	GBEQ2158_at	GBEQ2211_at	GBEQ2262_at
GBEQ2104_at	GBEQ2159_at	GBEQ2212_at	GBEQ2263_at
GBEQ2105_at	GBEQ2160_at	GBEQ2213_s_at	GBEQ2264_at
GBEQ2106_at	GBEQ2161_at	GBEQ2214_at	GBEQ2265_at
GBEQ2107_at	GBEQ2162_at	GBEQ2215_at	GBEQ2266_at
GBEQ2108_at	GBEQ2163_at	GBEQ2216_at	GBEQ2267_at
GBEQ2110_at	GBEQ2164_at	GBEQ2217_at	GBEQ2268_at
GBEQ2111_at	GBEQ2165_at	GBEQ2218_at	GBEQ2269_at
GBEQ2112_at	GBEQ2166_at	GBEQ2219_at	GBEQ2270_s_at
GBEQ2113_at	GBEQ2167_at	GBEQ2220_at	GBEQ2271_s_at
GBEQ2114_at	GBEQ2168_at	GBEQ2221_s_at	GBEQ2272_at
GBEQ2115_at	GBEQ2169_at	GBEQ2222_at	GBEQ2273_s_at
GBEQ2116_at	GBEQ2170_at	GBEQ2223_at	GBEQ2274_at
GBEQ2117_at	GBEQ2171_at	GBEQ2224_at	GBEQ2275_at
GBEQ2118_at	GBEQ2172_at	GBEQ2225_at	GBEQ2276_at
GBEQ2119_at	GBEQ2173_s_at	GBEQ2226_at	GBEQ2277_at
GBEQ2121_at	GBEQ2174_s_at	GBEQ2227_at	GBEQ2278_at
GBEQ2122_at	GBEQ2175_at	GBEQ2228_at	GBEQ2279_at
GBEQ2123_at	GBEQ2176_at	GBEQ2229_at	GBEQ2280_at
GBEQ2124_at	GBEQ2177_at	GBEQ2230_at	GBEQ2281_at
GBEQ2125_at	GBEQ2178_at	GBEQ2231_at	GBEQ2282_s_at
GBEQ2126_at	GBEQ2179_at	GBEQ2232_at	GBEQ2283_at
GBEQ2127_at	GBEQ2180_s_at	GBEQ2233_at	GBEQ2284_at

GBEQ2285_at	GBEQ2338_at	GBEQ2393_at	GBEQ2446_s_at
GBEQ2286_at	GBEQ2339_at	GBEQ2394_at	GBEQ2447_at
GBEQ2287_at	GBEQ2341_s_at	GBEQ2395_at	GBEQ2448_at
GBEQ2288_at	GBEQ2342_at	GBEQ2396_s_at	GBEQ2449_at
GBEQ2289_at	GBEQ2343_s_at	GBEQ2397_at	GBEQ2450_at
GBEQ2290_at	GBEQ2344_at	GBEQ2398_at	GBEQ2451_at
GBEQ2291_at	GBEQ2345_at	GBEQ2399_at	GBEQ2452_at
GBEQ2292_at	GBEQ2346_at	GBEQ2400_at	GBEQ2453_at
GBEQ2293_at	GBEQ2347_at	GBEQ2401_at	GBEQ2454_at
GBEQ2294_at	GBEQ2348_at	GBEQ2402_at	GBEQ2455_s_at
GBEQ2295_at	GBEQ2349_at	GBEQ2403_s_at	GBEQ2456_at
GBEQ2296_at	GBEQ2350_at	GBEQ2404_at	GBEQ2457_at
GBEQ2297_at	GBEQ2351_at	GBEQ2405_at	GBEQ2458_at
GBEQ2298_s_at	GBEQ2352_at	GBEQ2406_at	GBEQ2459_at
GBEQ2299_s_at	GBEQ2353_at	GBEQ2407_s_at	GBEQ2460_at
GBEQ2300_at	GBEQ2354_at	GBEQ2408_at	GBEQ2461_at
GBEQ2301_at	GBEQ2355_at	GBEQ2409_at	GBEQ2462_at
GBEQ2302_at	GBEQ2356_at	GBEQ2410_at	GBEQ2463_at
GBEQ2304_s_at	GBEQ2357_at	GBEQ2411_at	GBEQ2464_at
GBEQ2305_at	GBEQ2358_at	GBEQ2412_at	GBEQ2465_at
GBEQ2306_at	GBEQ2359_s_at	GBEQ2413_at	GBEQ2466_at
GBEQ2307_at	GBEQ2360_at	GBEQ2414_at	GBEQ2468_at
GBEQ2308_at	GBEQ2362_at	GBEQ2415_at	GBEQ2469_at
GBEQ2309_at	GBEQ2363_at	GBEQ2416_at	GBEQ2470_at
GBEQ2310_at	GBEQ2364_at	GBEQ2417_at	GBEQ2471_at
GBEQ2311_at	GBEQ2365_at	GBEQ2418_at	GBEQ2472_at
GBEQ2312_at	GBEQ2366_at	GBEQ2419_at	GBEQ2474_at
GBEQ2313_at	GBEQ2367_at	GBEQ2420_at	GBEQ2475_at
GBEQ2314_at	GBEQ2368_at	GBEQ2421_at	GBEQ2476_at
GBEQ2315_s_at	GBEQ2369_s_at	GBEQ2422_s_at	GBEQ2477_at
GBEQ2316_at	GBEQ2370_at	GBEQ2423_at	GBEQ2478_at
GBEQ2317_at	GBEQ2371_at	GBEQ2424_at	GBEQ2479_at
GBEQ2318_at	GBEQ2372_at	GBEQ2425_at	GBEQ2480_at
GBEQ2319_at	GBEQ2373_at	GBEQ2426_at	GBEQ2481_at
GBEQ2320_at	GBEQ2374_at	GBEQ2427_at	GBEQ2482_at
GBEQ2321_at	GBEQ2375_at	GBEQ2428_at	GBEQ2483_at
GBEQ2322_at	GBEQ2376_at	GBEQ2429_at	GBEQ2484_at
GBEQ2323_at	GBEQ2378_at	GBEQ2430_at	GBEQ2485_at
GBEQ2324_at	GBEQ2379_at	GBEQ2431_at	GBEQ2486_at
GBEQ2325_at	GBEQ2380_at	GBEQ2432_at	GBEQ2487_at
GBEQ2326_at	GBEQ2381_at	GBEQ2433_at	GBEQ2488_at
GBEQ2327_at	GBEQ2382_at	GBEQ2434_at	GBEQ2489_at
GBEQ2328_at	GBEQ2383_at	GBEQ2435_at	GBEQ2490_at
GBEQ2329_at	GBEQ2384_at	GBEQ2436_at	GBEQ2491_at
GBEQ2330_at	GBEQ2385_s_at	GBEQ2437_at	GBEQ2492_at
GBEQ2331_at	GBEQ2386_at	GBEQ2438_at	GBEQ2493_at
GBEQ2332_at	GBEQ2387_at	GBEQ2439_at	GBEQ2494_at
GBEQ2333_at	GBEQ2388_at	GBEQ2440_at	GBEQ2495_at
GBEQ2334_s_at	GBEQ2389_s_at	GBEQ2441_at	GBEQ2497_at
GBEQ2335_at	GBEQ2390_at	GBEQ2443_at	GBEQ2498_at
GBEQ2336_at	GBEQ2391_at	GBEQ2444_at	GBEQ2499_at
GBEQ2337_s_at	GBEQ2392_at	GBEQ2445_at	GBEQ2500_at



GBEQ2501_at	GBEQ2555_at	GBEQ2607_at	GBEQ2659_at
GBEQ2502_s_at	GBEQ2556_at	GBEQ2608_at	GBEQ2660_at
GBEQ2503_at	GBEQ2557_at	GBEQ2609_at	GBEQ2661_at
GBEQ2504_at	GBEQ2558_at	GBEQ2610_at	GBEQ2662_at
GBEQ2505_at	GBEQ2559_at	GBEQ2611_at	GBEQ2663_at
GBEQ2506_s_at	GBEQ2560_at	GBEQ2612_at	GBEQ2664_at
GBEQ2507_at	GBEQ2561_at	GBEQ2613_s_at	GBEQ2665_at
GBEQ2508_at	GBEQ2562_at	GBEQ2614_at	GBEQ2666_at
GBEQ2509_at	GBEQ2563_at	GBEQ2615_at	GBEQ2667_at
GBEQ2510_at	GBEQ2564_at	GBEQ2616_at	GBEQ2668_at
GBEQ2511_at	GBEQ2565_at	GBEQ2617_at	GBEQ2669_at
GBEQ2512_at	GBEQ2566_at	GBEQ2618_at	GBEQ2670_at
GBEQ2514_at	GBEQ2567_at	GBEQ2619_at	GBEQ2671_at
GBEQ2515_at	GBEQ2568_at	GBEQ2620_at	GBEQ2673_at
GBEQ2516_at	GBEQ2569_at	GBEQ2621_at	GBEQ2674_at
GBEQ2517_at	GBEQ2570_at	GBEQ2622_at	GBEQ2675_at
GBEQ2518_at	GBEQ2571_at	GBEQ2623_at	GBEQ2676_at
GBEQ2519_at	GBEQ2572_at	GBEQ2624_at	GBEQ2677_at
GBEQ2520_at	GBEQ2573_at	GBEQ2625_at	GBEQ2678_at
GBEQ2521_at	GBEQ2574_at	GBEQ2626_at	GBEQ2679_at
GBEQ2522_at	GBEQ2575_at	GBEQ2627_at	GBEQ2680_at
GBEQ2523_at	GBEQ2576_at	GBEQ2628_at	GBEQ2681_at
GBEQ2524_at	GBEQ2577_at	GBEQ2629_at	GBEQ2682_at
GBEQ2525_at	GBEQ2578_at	GBEQ2630_at	GBEQ2683_at
GBEQ2527_at	GBEQ2579_at	GBEQ2631_at	GBEQ2684_at
GBEQ2528_at	GBEQ2580_at	GBEQ2632_at	GBEQ2685_at
GBEQ2529_at	GBEQ2581_at	GBEQ2633_at	GBEQ2686_s_at
GBEQ2530_at	GBEQ2582_at	GBEQ2634_at	GBEQ2687_at
GBEQ2531_at	GBEQ2583_at	GBEQ2635_at	GBEQ2688_s_at
GBEQ2532_at	GBEQ2584_at	GBEQ2636_at	GBEQ2689_at
GBEQ2533_at	GBEQ2585_at	GBEQ2637_at	GBEQ2690_at
GBEQ2534_at	GBEQ2586_at	GBEQ2638_at	GBEQ2692_at
GBEQ2535_at	GBEQ2587_at	GBEQ2639_at	GBEQ2693_at
GBEQ2536_at	GBEQ2588_at	GBEQ2640_at	GBEQ2694_at
GBEQ2537_at	GBEQ2589_at	GBEQ2641_at	GBEQ2695_at
GBEQ2538_at	GBEQ2590_at	GBEQ2642_at	GBEQ2696_at
GBEQ2539_at	GBEQ2591_at	GBEQ2643_at	GBEQ2697_s_at
GBEQ2540_at	GBEQ2592_s_at	GBEQ2644_at	GBEQ2698_at
GBEQ2541_at	GBEQ2593_at	GBEQ2645_at	GBEQ2700_s_at
GBEQ2542_at	GBEQ2594_at	GBEQ2646_at	GBEQ2701_s_at
GBEQ2543_at	GBEQ2595_at	GBEQ2647_at	GBEQ2702_at
GBEQ2544_at	GBEQ2596_at	GBEQ2648_at	GBEQ2703_at
GBEQ2545_s_at	GBEQ2597_at	GBEQ2649_at	GBEQ2704_at
GBEQ2546_at	GBEQ2598_at	GBEQ2650_at	GBEQ2705_at
GBEQ2547_at	GBEQ2599_at	GBEQ2651_at	GBEQ2706_at
GBEQ2548_at	GBEQ2600_at	GBEQ2652_at	GBEQ2707_at
GBEQ2549_at	GBEQ2601_at	GBEQ2653_at	GBEQ2708_at
GBEQ2550_at	GBEQ2602_at	GBEQ2654_at	GBEQ2709_at
GBEQ2551_at	GBEQ2603_at	GBEQ2655_at	GBEQ2710_at
GBEQ2552_at	GBEQ2604_at	GBEQ2656_at	GBEQ2711_at
GBEQ2553_at	GBEQ2605_at	GBEQ2657_at	GBEQ2712_at
GBEQ2554_at	GBEQ2606_at	GBEQ2658_at	GBEQ2713_at



GBEQ2714_s_at	GBEQ2768_at	GBEQ2821_at	GBEQ2873_at
GBEQ2715_at	GBEQ2769_at	GBEQ2822_at	GBEQ2874_at
GBEQ2716_s_at	GBEQ2770_at	GBEQ2823_at	GBEQ2875_at
GBEQ2717_at	GBEQ2771_at	GBEQ2824_at	GBEQ2876_at
GBEQ2718_at	GBEQ2772_at	GBEQ2825_at	GBEQ2877_at
GBEQ2719_at	GBEQ2773_at	GBEQ2826_at	GBEQ2878_at
GBEQ2720_at	GBEQ2774_at	GBEQ2827_at	GBEQ2879_at
GBEQ2721_at	GBEQ2775_at	GBEQ2828_at	GBEQ2880_at
GBEQ2722_at	GBEQ2776_at	GBEQ2829_at	GBEQ2881_at
GBEQ2723_at	GBEQ2777_at	GBEQ2830_at	GBEQ2883_at
GBEQ2724_at	GBEQ2778_at	GBEQ2831_at	GBEQ2884_at
GBEQ2725_at	GBEQ2779_at	GBEQ2832_at	GBEQ2885_at
GBEQ2726_at	GBEQ2780_at	GBEQ2833_at	GBEQ2886_at
GBEQ2728_at	GBEQ2781_at	GBEQ2834_at	GBEQ2887_at
GBEQ2729_at	GBEQ2782_at	GBEQ2835_at	GBEQ2888_at
GBEQ2730_at	GBEQ2783_at	GBEQ2836_at	GBEQ2889_at
GBEQ2731_at	GBEQ2784_at	GBEQ2837_at	GBEQ2890_at
GBEQ2732_at	GBEQ2785_at	GBEQ2838_at	GBEQ2891_at
GBEQ2733_at	GBEQ2786_at	GBEQ2839_at	GBEQ2892_at
GBEQ2734_at	GBEQ2787_at	GBEQ2840_at	GBEQ2893_at
GBEQ2735_at	GBEQ2788_at	GBEQ2841_at	GBEQ2894_at
GBEQ2736_at	GBEQ2789_at	GBEQ2842_at	GBEQ2895_at
GBEQ2737_at	GBEQ2790_at	GBEQ2843_at	GBEQ2896_at
GBEQ2738_at	GBEQ2791_at	GBEQ2844_at	GBEQ2897_at
GBEQ2739_at	GBEQ2792_at	GBEQ2845_at	GBEQ2898_at
GBEQ2740_at	GBEQ2793_at	GBEQ2846_at	GBEQ2899_at
GBEQ2741_at	GBEQ2795_at	GBEQ2847_at	GBEQ2900_at
GBEQ2742_at	GBEQ2796_at	GBEQ2848_at	GBEQ2901_at
GBEQ2743_at	GBEQ2797_at	GBEQ2849_at	GBEQ2902_s_at
GBEQ2744_at	GBEQ2798_at	GBEQ2850_at	GBEQ2903_at
GBEQ2745_at	GBEQ2799_at	GBEQ2851_at	GBEQ2904_at
GBEQ2746_at	GBEQ2800_at	GBEQ2852_at	GBEQ2905_at
GBEQ2747_at	GBEQ2801_at	GBEQ2853_at	GBEQ2906_at
GBEQ2748_at	GBEQ2802_at	GBEQ2854_at	GBEQ2907_at
GBEQ2749_at	GBEQ2803_at	GBEQ2855_at	GBEQ2908_at
GBEQ2750_at	GBEQ2804_s_at	GBEQ2856_at	GBEQ2909_at
GBEQ2751_at	GBEQ2805_at	GBEQ2857_s_at	GBEQ2910_at
GBEQ2752_at	GBEQ2806_at	GBEQ2858_at	GBEQ2911_at
GBEQ2753_at	GBEQ2807_at	GBEQ2859_at	GBEQ2912_at
GBEQ2754_at	GBEQ2808_at	GBEQ2860_at	GBEQ2913_at
GBEQ2755_at	GBEQ2809_at	GBEQ2861_at	GBEQ2914_at
GBEQ2756_at	GBEQ2810_s_at	GBEQ2862_at	GBEQ2915_at
GBEQ2757_s_at	GBEQ2811_at	GBEQ2863_at	GBEQ2916_at
GBEQ2759_at	GBEQ2812_at	GBEQ2864_at	GBEQ2917_at
GBEQ2760_at	GBEQ2813_at	GBEQ2865_at	GBEQ2919_at
GBEQ2761_at	GBEQ2813_x_at	GBEQ2866_at	GBEQ2920_at
GBEQ2762_at	GBEQ2814_at	GBEQ2867_at	GBEQ2921_at
GBEQ2763_at	GBEQ2816_at	GBEQ2868_at	GBEQ2922_at
GBEQ2764_at	GBEQ2817_at	GBEQ2869_at	GBEQ2923_at
GBEQ2765_at	GBEQ2818_at	GBEQ2870_at	GBEQ2924_at
GBEQ2766_at	GBEQ2819_at	GBEQ2871_at	GBEQ2925_at
GBEQ2767_at	GBEQ2820_at	GBEQ2872_at	GBEQ2926_at

GBEQ2927_at	GBEQ2986_at	GBEQ3039_s_at	GBEQ3092_at
GBEQ2928_at	GBEQ2987_at	GBEQ3040_s_at	GBEQ3093_at
GBEQ2929_at	GBEQ2988_at	GBEQ3041_at	GBEQ3094_at
GBEQ2930_at	GBEQ2989_at	GBEQ3042_at	GBEQ3095_at
GBEQ2931_at	GBEQ2990_at	GBEQ3043_at	GBEQ3096_at
GBEQ2932_at	GBEQ2991_s_at	GBEQ3044_at	GBEQ3097_at
GBEQ2933_at	GBEQ2992_at	GBEQ3045_at	GBEQ3098_at
GBEQ2934_at	GBEQ2993_at	GBEQ3046_at	GBEQ3099_at
GBEQ2935_at	GBEQ2994_at	GBEQ3047_at	GBEQ3100_at
GBEQ2936_at	GBEQ2995_at	GBEQ3048_at	GBEQ3101_at
GBEQ2937_x_at	GBEQ2996_at	GBEQ3049_at	GBEQ3102_at
GBEQ2938_at	GBEQ2997_at	GBEQ3050_at	GBEQ3103_at
GBEQ2939_at	GBEQ2999_at	GBEQ3052_at	GBEQ3104_at
GBEQ2940_at	GBEQ3000_at	GBEQ3053_at	GBEQ3105_at
GBEQ2941_at	GBEQ3001_at	GBEQ3054_at	GBEQ3106_at
GBEQ2942_at	GBEQ3002_at	GBEQ3055_at	GBEQ3107_at
GBEQ2943_at	GBEQ3003_at	GBEQ3056_at	GBEQ3108_at
GBEQ2944_at	GBEQ3004_s_at	GBEQ3057_s_at	GBEQ3109_at
GBEQ2945_at	GBEQ3005_at	GBEQ3058_at	GBEQ3110_at
GBEQ2946_s_at	GBEQ3006_at	GBEQ3059_s_at	GBEQ3111_at
GBEQ2947_at	GBEQ3007_at	GBEQ3060_at	GBEQ3112_s_at
GBEQ2948_at	GBEQ3008_at	GBEQ3061_at	GBEQ3113_at
GBEQ2949_at	GBEQ3009_at	GBEQ3062_at	GBEQ3114_at
GBEQ2950_at	GBEQ3010_at	GBEQ3063_at	GBEQ3115_at
GBEQ2951_at	GBEQ3011_at	GBEQ3064_at	GBEQ3116_at
GBEQ2952_at	GBEQ3012_at	GBEQ3065_at	GBEQ3117_at
GBEQ2953_at	GBEQ3013_at	GBEQ3066_at	GBEQ3118_at
GBEQ2954_at	GBEQ3014_at	GBEQ3067_at	GBEQ3119_at
GBEQ2955_at	GBEQ3015_at	GBEQ3068_at	GBEQ3120_at
GBEQ2957_at	GBEQ3016_at	GBEQ3069_at	GBEQ3121_at
GBEQ2958_at	GBEQ3017_at	GBEQ3070_at	GBEQ3122_at
GBEQ2959_at	GBEQ3018_x_at	GBEQ3071_at	GBEQ3123_at
GBEQ2960_at	GBEQ3019_at	GBEQ3072_at	GBEQ3125_at
GBEQ2962_at	GBEQ3020_at	GBEQ3073_at	GBEQ3126_at
GBEQ2963_at	GBEQ3021_at	GBEQ3074_at	GBEQ3127_at
GBEQ2965_at	GBEQ3022_at	GBEQ3075_at	GBEQ3129_at
GBEQ2966_at	GBEQ3023_at	GBEQ3076_at	GBEQ3130_at
GBEQ2967_at	GBEQ3024_at	GBEQ3077_at	GBEQ3132_at
GBEQ2968_at	GBEQ3025_at	GBEQ3078_at	GBEQ3133_at
GBEQ2969_s_at	GBEQ3026_at	GBEQ3079_at	GBEQ3134_at
GBEQ2970_at	GBEQ3027_at	GBEQ3080_at	GBEQ3135_at
GBEQ2971_at	GBEQ3028_at	GBEQ3081_at	GBEQ3136_at
GBEQ2972_at	GBEQ3029_at	GBEQ3082_at	GBEQ3137_at
GBEQ2973_at	GBEQ3030_at	GBEQ3083_at	GBEQ3138_at
GBEQ2974_at	GBEQ3031_at	GBEQ3084_at	GBEQ3139_at
GBEQ2975_at	GBEQ3032_at	GBEQ3085_at	GBEQ3140_at
GBEQ2976_at	GBEQ3033_at	GBEQ3086_at	GBEQ3141_at
GBEQ2977_at	GBEQ3034_at	GBEQ3087_at	GBEQ3142_at
GBEQ2978_at	GBEQ3035_at	GBEQ3088_at	GBEQ3143_at
GBEQ2981_at	GBEQ3036_at	GBEQ3089_at	GBEQ3144_at
GBEQ2982_at	GBEQ3037_at	GBEQ3090_at	GBEQ3145_at
GBEQ2984_at	GBEQ3038_at	GBEQ3091_s_at	GBEQ3146_at

GBEQ3147_at	GBEQ3200_at	GBEV0034_at
GBEQ3148_at	GBEQ3201_at	GBEV0035_at
GBEQ3149_at	GBEQ3202_at	GBEV0036_at
GBEQ3150_at	GBEQ3203_at	GBEV0037_at
GBEQ3151_at	GBEQ3204_at	GBEV0038_at
GBEQ3152_at	GBEQ3205_at	GBEV0039_at
GBEQ3153_at	GBEQ3206_at	GBEV0040_at
GBEQ3154_at	GBEQ3207_at	GBEV0041_at
GBEQ3155_at	GBEQ3208_at	GBEV0042_at
GBEQ3156_at	GBEQ3209_at	GBEV0043_at
GBEQ3157_at	GBEQ3210_at	GBEV0044_at
GBEQ3158_at	GBEQ3211_at	GBEV0045_at
GBEQ3159_at	GBEQ3212_at	GBEV0046_at
GBEQ3160_at	GBEQ3213_at	GBEV0047_at
GBEQ3161_at	GBEQ3214_at	GBEV0048_at
GBEQ3162_at	GBEQ3215_at	GBEV0049_at
GBEQ3163_at	GBEQ3216_at	GBEV0050_at
GBEQ3164_at	GBEQ3217_at	GBEV0051_at
GBEQ3165_at	GBEQ3218_at	GBEV0052_at
GBEQ3166_at	GBEV0001_at	GBEV0053_at
GBEQ3167_at	GBEV0002_at	GBEV0054_at
GBEQ3168_at	GBEV0003_at	GBEV0055_at
GBEQ3169_at	GBEV0004_at	GBEV0056_at
GBEQ3170_at	GBEV0005_at	GBEV0057_at
GBEQ3171_at	GBEV0006_at	GBEV0058_at
GBEQ3172_at	GBEV0007_at	GBEV0059_at
GBEQ3173_at	GBEV0008_at	GBEV0060_at
GBEQ3174_at	GBEV0009_at	GBEV0061_at
GBEQ3175_at	GBEV0010_at	GBEV0062_at
GBEQ3176_at	GBEV0011_at	
GBEQ3177_at	GBEV0012_at	
GBEQ3178_s_at	GBEV0013_at	
GBEQ3179_at	GBEV0014_at	
GBEQ3180_at	GBEV0015_at	
GBEQ3181_at	GBEV0016_at	
GBEQ3182_at	GBEV0017_at	
GBEQ3183_at	GBEV0018_at	
GBEQ3184_at	GBEV0019_at	
GBEQ3185_at	GBEV0020_at	
GBEQ3186_at	GBEV0021_at	
GBEQ3187_at	GBEV0022_at	
GBEQ3188_at	GBEV0023_at	
GBEQ3189_at	GBEV0024_at	
GBEQ3190_at	GBEV0025_at	
GBEQ3191_at	GBEV0026_at	
GBEQ3192_at	GBEV0027_at	
GBEQ3193_at	GBEV0028_at	
GBEQ3194_at	GBEV0029_at	
GBEQ3195_at	GBEV0030_at	
GBEQ3197_at	GBEV0031_at	
GBEQ3198_at	GBEV0032_at	
GBEQ3199_at	GBEV0033_at	